Milwaukee®

Nothing but **HEAVY DUTY.**™













2026

ACCESSORIES, HAND TOOLS, STORAGE AND PPE CATALOGUE

Milwaukee® Nothing but **HEAVY DUTY.**™



#MILWAUKEETOOL

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CONTENTS

ACCESSORIES

DRILLING & CHISELING

CHISELS
- Hex 21mm/28mm/30mm 31 - 32
- SDS-Max 30
- SDS-Max Sledge Chisels 27 - 28
- SDS-Plus 29
- SDS-Plus Sledge Chisels 27 - 28

DIAMOND DRILLING
- 1 1/4" UNC / 1/2" G - Wet Diamond Drilling Core Drills 87 - 88
- 1 1/4" UNC / M16 - Dry Diamond Drilling Core Drills 89 - 90
- M14 Dry Diamond Drills 83 - 85
- Wet/Dry Diamond Holesaws 85 - 86

DRILLBITS: CONCRETE & MASONRY
- Round Shank - Concrete/Masonry 35
- SDS-Max - Other 23 - 26
- SDS-Max 4 Cutter 20 - 21
- SDS-Max Core Cutters/Tunnel Bits 22 - 23
- SDS-Plus 2 Cutter (M2) 9 - 12
- SDS-Plus 4 Cutter (MX4) 4 - 8
- SDS-Plus Core Cutters 19
- SDS-Plus Extensions 13 - 14
- Dust Management 15 - 18

DRILLBITS: METAL
- Countersinks 52
- HSS Annular 66 - 67
- HSS-G 57 - 58, 61
- HSS-G Red Cobalt 50 - 51
- HSS-G Ti Red Hex - SHOCKWAVE™ IMPACT DUTY 48 - 49
- HSS-R 59 - 60
- Step Drills 62 - 65
- Thunderweb 53 - 57

DRILLBITS: OTHER
- Glass & Tile 35
- Multi Material 33 - 34

DRILLBITS: WOOD
- Auger Bits 37 - 38
- Auger Bits - SHOCKWAVE™ IMPACT DUTY 36
- Cable Bits 44
- Flat Bits 43
- Forstner Bits 37, 39
- Lip & Spur Bits 42
- Selfeed Bits 41
- SPEED FEED™ Bits 44
- SWITCHBLADE™ Selfeed bits - SHOCKWAVE™ IMPACT DUTY 40

HOLESAWS
- Adjustable Holesaw 78
- BIG HAWG™ Multi Material 81
- Contractor Bi-Metal 74
- HCS PVC Holesaws 82
- HOLE DOZER™ Bi-Metal 68 - 72, 79
- HOLE DOZER™ Carbide 73, 79
- Holesaw Accessories 75 - 77
- Holesaws - SHOCKWAVE™ IMPACT DUTY 82
- TCT Holesaws 80

FASTENING
- Bit Holders - SHOCKWAVE™ IMPACT DUTY 96 - 97
- Nails and Staples 116 - 121
- Nut Drivers - SHOCKWAVE™ IMPACT DUTY 97 - 98
- Screwdriving Attachments 99 - 100
- Screwdriving Bits 100 - 101
- Screwdriving Bits - SHOCKWAVE™ IMPACT DUTY 91 - 96
- Sockets & Adaptors - SHOCKWAVE™ IMPACT DUTY 98, 102 - 115

SAWING, CUTTING & GRINDING
- Cutting and Grinding 180
- Coated Abrasives 187
- Belts 194 - 196
- Orbital/ Random Orbital/Delta Sheets 188 - 193
- Wire Brushes 197 - 202
- Polishing Accessories 203 - 205
- System Attachments - Wet Diamond Drilling 206
- System Attachments - Rotary Hammer 207
- System Attachments - Planers 210
- Chucks 208 - 209

DIAMOND TECHNOLOGY
- Diamond Blades 170 - 178
- Diamond Grinding Cup Wheels 179

GRINDING
- Carbide Burrs 186
- Fixtec Nuts 185
- Flap Discs 183 - 184
- Metal Cutting Grinding Discs 180 - 183

SAWING
- Bandsaw Blades 168 - 169
- Router Bits 148 - 163

CIRCULAR SAW BLADES
- Hand held circular saws 164 - 165
- Mitresaws 166
- Table saws 166
- Steel/metal cutting blades 167

JIGSAW BLADES
- Metal 141 - 142
- Special Applications 142 - 143
- Wood & Plastics 138 - 140

MULTITOOL ACCESSORIES
- Starlock Reception 144 - 148

SAWZALL™ BLADES

DEMOLITION WOOD & NAILS
- The AX™ 130 - 131
- Thin Kerf 131

METAL
- The TORCH™ NITRUS / Carbide 124 - 126
- The TORCH™ 127 - 128
- Thin Kerf 129

MULTI MATERIAL
- The WRECKER™ Carbide 132
- The Wrecker™ 133
- Sets 136
- Special Applications 134 - 136
- Wood & Plastics 133 - 134
- HACKZALL™ Blades 137

HANDTOOLS

MEASURING, MARKING AND LEVELS
- Tape Measures 211 - 218
- Folding Rules 218
- Long Tapes 219
- Distance Meters 220
- Levels 221 - 227
- Digital Angle Gauge 221
- Chalk Reels 228
- Framing Square 229
- Rafter Square 229
- Inkzall Markers 230 - 232

CUTTING HAND TOOLS
- Knives and Blades 233 - 238
- Cutters (flush, plastic, tubing, bolt, cable) 237, 241 - 244
- Saws 239 - 240
- Scissors 240
- Aviation Snips 241
- Reaming Pen 242
- Deburrer 243
- Tap and Die 245 - 247

STRIKING AND DEMOLITION HAND TOOLS
- Pullers 248 - 249
- Wrecking Bars 249
- Pry Bars 249, 254
- Hammers 250 - 253
- Chisels 253
- Hook and Pick Sets 254

SCREWDRIVERS AND ELECTRICIAN HAND TOOLS
- Wrenches 255 - 257
- Hex Keys 258 - 259
- ScrewDrivers 260 - 263
- Nut Drivers 264 - 265
- VDE ScrewDrivers 265 - 266
- Wire and Cable Strippers 266 - 267
- Fish Tape 267
- Insulated Crimper 267

PLIERS
- VDE Pliers 268 - 269
- (Non VDE) Pliers 270
- Pliers Wrenches 270
- Fencing Pliers 272
- Automotive Pliers 273 - 274
- TORQUE LOCK™ Pliers 275
- TORQUE LOCK™ clamps 276 - 277

SPANNERS AND WRENCHES
- Wrenches 278 - 279
- MAX BITE™ Combination Spanners 279 - 280
- MAX BITE™ Ratcheting Combination Spanners 281
- MAX BITE™ Flexible Head Ratcheting Combination Spanners 282
- Double Open End Spanners 283
- Double Ring Offset Spanners 284
- Flare Nut Spanners 285
- Pipe Wrenches 286 - 287
- Adjustable Wrenches 287

RATCHETS AND SOCKETS
- Ratchets and Sockets Sets 288 - 289
- 1/4" Drive Ratchets 290 - 292
- 1/4" Drive FOUR FLAT™ Sockets 293
- 1/4" Drive Hex Sockets 293
- 1/4" Drive Etorx Sockets 294
- 1/4" Drive Torx Sockets 294
- 1/4" Drive Adapters and Extensions 294 - 296
- 3/8" Drive Ratchets 296
- 3/8" Drive FOUR FLAT™ Sockets 297
- 3/8" Drive Spark Plug Sockets 298
- 3/8" Drive 12-Point Sockets 299
- 3/8" Drive Etorx Sockets 300
- 3/8" Drive Torx Sockets 300
- 3/8" Drive Hex Sockets 301
- 3/8" Drive Adapters and Extensions 301 - 302
- 1/2" Drive Ratchets 303
- 1/2" Drive FOUR FLAT™ Sockets 304
- 1/2" Drive Hex Sockets 305
- 1/2" Drive Torx Sockets 305
- 1/2" Drive 12-Point Sockets 306
- 1/2" Drive Etorx Sockets 307
- 1/2" Drive Adapters and Extensions 303, 308
- T-bar Handles 309

OUTDOOR HAND TOOLS 310 - 313

TRADE SETS 314 - 315

PERSONAL PROTECTIVE EQUIPMENT

- BOLT™ Head Protection 326 - 333
- Safety Glasses 333 - 336
- Hearing Protection 337 - 338
- High-Visibility Vests 339
- Gloves 340 - 355
- Lanyards 356 - 359
- Heated Gear 360 - 364
- Workwear 365 - 375
- Knee Pads 376
- Footwear 377-391

STORAGE

PACKOUT™
- PACKOUT™ SETS 392 - 395
- PACKOUT™ Rolling Storage 395 - 397
- PACKOUT™ Boxes + Drawers 398 - 399, 402
- PACKOUT™ Organisers 400 - 402
- PACKOUT™ Coolers 403, 407
- PACKOUT™ Soft Storage 404 - 407
- PACKOUT™ Mounting Plates 408
- PACKOUT™ Side attachments 409
- Trays and dividers 410
- PACKOUT™ Foam inserts 411 - 417
- PACKOUT™ Drinkware 417 - 418
- PACKOUT™ Shop storage 419 - 421

- Aprons 422
- Utility Buckets 423
- Bags and totes 424 - 425
- Workbelts and rigs 426 - 427
- STEEL STORAGE 428 - 432
- Filled TOOLGUARD™ 434 - 436
- Foam inserts 437 - 450



NEXT GEN SDS-PLUS DRILL BITS



SPEED AND HEAVY-DUTY® FLUTE DESIGN

4-CUTTER SOLID CARBIDE





CONVEX SHANK END

PRECISION GERMAN ENGINEERING

PGM® RATED

TARGET TIP TECHNOLOGY

FULLY-WELDED HEAD EXPANSION



SDS-Plus MX4 drill bits - 4 cut

The Milwaukee MX4™ SDS-Plus drill bit is engineered for the toughest applications, featuring innovative fully welded solid carbide tip technology (up to Ø 20 mm) for maximum durability in rebar and unmatched drilling speed in concrete.

4-Cutter solid carbide tip: Enhanced geometry with a sharp centering tip, rebar guards, and new dust grooves delivers clean starts, precise holes, and maximum life when drilling through rebar - even under extreme jobsite conditions.

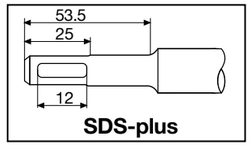
Optimised flute design with reinforced core: A thicker core combined with alternating SPEED and HEAVY-DUTY spirals ensures fast debris removal, reduced friction, and superior stability in demanding applications.

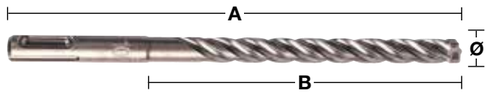
Convex shank for maximum energy transfer: The convex shank end optimises energy transfer from tool to tip, boosting impact force, drilling efficiency, and jobsite productivity.

One-Piece slotted carbide tip for Ø > 20 mm: For large-diameter concrete drilling, this design offers exceptional strength, extended bit life, and break resistance in heavy-duty use.

PGM certified: Meets industry standards for precision and safety, making it the ideal choice for anchor setting.

Made in Germany: Manufactured to the highest standards for uncompromising quality, reliability, and performance on every jobsite.





Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
3.5	115	50		1	1	**4932500056**	4058546572204
3.5	165	100		1	1	**4932500057**	4058546572211
4	115	50		1	1	**4932500058**	4058546572228
4	165	100		1	1	**4932500059**	4058546572235
5	115	50		1	1	**4932352007**	4002395366644
5	165	100		1	1	**4932352008**	4002395368891
5	215	150		1	1	**4932478465**	4058546346560
5	265	200		1	1	**4932478466**	4058546346577
5	315	250		1	1	**4932478467**	4058546346584
5.5	115	50		1	1	**4932352009**	4002395368907
5.5	165	100		1	1	**4932352010**	4002395368914
5.5	215	150		1	1	**4932478469**	4058546346607
5.5	315	250		1	1	**4932478470**	4058546346614
6	115	50		1	1	**4932352011**	4002395368921
6	165	100		1	1	**4932352012**	4002395368938
6	215	150		1	1	**4932352013**	4002395366705
6	265	200		1	1	**4932352014**	4002395366712
6	315	250		1	1	**4932352015**	4002395366729
6.5	115	50		1	1	**4932492017**	4058546413293
6.5	165	100		1	1	**4932430146**	4002395378074
6.5	215	150		1	1	**4932352016**	4002395366736
6.5	265	200		1	1	**4932352017**	4002395366743
6.5	315	250		1	1	**4932352018**	4002395366750
6.5	465	400		1	1	**4932464596**	4058546225414
7	115	50		1	1	**4932352019**	4002395366767
7	165	100		1	1	**4932352020**	4002395366774
7	215	150		1	1	**4932492018**	4058546413309
8	115	50		1	1	**4932352021**	4002395366781
8	165	100		1	1	**4932352022**	4002395366798
8	215	150		1	1	**4932352023**	4002395366804
8	265	200		1	1	**4932352024**	4002395366811
8	315	250		1	1	**4932352712**	4002395373703
8	365	300		1	1	**4932492019**	4058546413316
8	465	400	✔	1	1	**4932352713**	4002395373710
9	165	100		1	1	**4932352944**	4002395376025
9	215	150		1	1	**4932492020**	4058546413323
10	115	50		1	1	**4932352025**	4002395366828
10	165	100		1	1	**4932352026**	4002395366835
10	215	150		1	1	**4932352027**	4002395366842
10	265	200		1	1	**4932352028**	4002395366859
10	315	250		1	1	**4932352029**	4002395366866
10	365	300		1	1	**4932492021**	4058546413330
10	455	400	✔	1	1	**4932352030**	4002395366873
10	600	540	✔	1	1	**4932352945**	4002395376032

✔ Pre drill with a short drill bit of the same diameter.

SDS-Plus MX4 drill bits - 4 cut

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
10	1000	940	✔	1	1	**4932352946**	4002395376049
11	165	100		1	1	**4932492022**	4058546413347
11	215	150		1	1	**4932492023**	4058546413354
12	165	110		1	1	**4932352031**	4002395366880
12	215	160		1	1	**4932352032**	4002395366897
12	265	210		1	1	**4932352033**	4002395366903
12	315	260		1	1	**4932352034**	4002395366910
12	360	300		1	1	**4932492024**	4058546413361
12	450	400	✔	1	1	**4932352035**	4002395366927
12	600	550	✔	1	1	**4932352947**	4002395376056
12	1000	940	✔	1	1	**4932352948**	4002395376063
13	165	100		1	1	**4932492025**	4058546413378
13	215	150		1	1	**4932492026**	4058546413385
14	165	110		1	1	**4932352036**	4002395366934
14	215	150		1	1	**4932352037**	4002395366941
14	265	200		1	1	**4932352949**	4002395376070
14	315	260		1	1	**4932352038**	4002395366958
14	380	330		1	1	**4932478473**	4058546346645
14	450	400	✔	1	1	**4932352039**	4002395366965
14	600	550	✔	1	1	**4932352950**	4002395376087
14	1000	950	✔	1	1	**4932352951**	4002395376094
15	165	100		1	1	**4932430725**	4002395383863
15	265	200		1	1	**4932352952**	4002395376100
15	450	400	✔	1	1	**4932492027**	4058546413392
16	165	110		1	1	**4932430726**	4002395383870
16	215	160		1	1	**4932352953**	4002395376117
16	265	210		1	1	**4932352819**	4002395374779
16	315	260		1	1	**4932352954**	4002395376124
16	450	400		1	1	**4932352820**	4002395374786
16	600	540	✔	1	1	**4932352955**	4002395376131
16	1000	950	✔	1	1	**4932352956**	4002395376148
17	215	150		1	1	**4932478474**	4058546346652
18	200	150		1	1	**4932478899**	4058546361815
18	250	200		1	1	**4932356502**	4002395320950
18	450	400	✔	1	1	**4932356503**	4002395320967
18	600	550	✔	1	1	**4932492028**	4058546413408
18	1000	940	✔	1	1	**4932479345**	4058546371395
20	250	200		1	1	**4932356504**	4002395320974
20	450	400	✔	1	1	**4932356505**	4002395320981
20	600	550	✔	1	1	**4932492029**	4058546413415
20	1000	940	✔	1	1	**4932479346**	4058546371401
22	250	200		1	1	**4932399332**	4002395359608
22	450	400	✔	1	1	**4932356506**	4002395320998
22	1000	940	✔	1	1	**4932479347**	4058546371418
24	250	200		1	1	**4932356507**	4002395321001
24	450	400	✔	1	1	**4932356508**	4002395321018
24	1000	940	✔	1	1	**4932479348**	4058546371425
25	250	200		1	1	**4932399333**	4002395359615
25	450	400	✔	1	1	**4932356509**	4002395321025
25	1000	940	✔	1	1	**4932479349**	4058546371432
28	250	200		1	1	**4932399334**	4002395359622
28	450	400	✔	1	1	**4932356510**	4002395321032
30	250	200		1	1	**4932399335**	4002395359639
30	450	400	✔	1	1	**4932356511**	4002395321049
32	450	400	✔	1	1	**4932399336**	4002395359646

✔ Pre drill with a short drill bit of the same diameter.

SDS-Plus MX4 drill bits - 4 cut / 10 pack

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
5	115	50	10	1	**4932352040**	4002395366972
5	165	100	10	1	**4932471250**	4058546288785
5.5	115	50	10	1	**4932471251**	4058546288792
5.5	165	100	10	1	**4932352041**	4002395366989
6	115	50	10	1	**4932352042**	4002395366996
6	165	100	10	1	**4932352043**	4002395367009
6	215	150	10	1	**4932430234**	4002395378951
6	265	200	10	1	**4932471252**	4058546288808
6.5	165	100	10	1	**4932479556**	4058546373504
6.5	215	150	10	1	**4932430235**	4002395378968
6.5	265	200	10	1	**4932459588**	4058546027605
7	165	100	10	1	**4932352044**	4002395367016
8	115	50	10	1	**4932352045**	4002395367023
8	165	100	10	1	**4932352046**	4002395367030
8	215	150	10	1	**4932464872**	4058546228170
8	265	200	10	1	**4932471253**	4058546288815
10	165	100	10	1	**4932352047**	4002395367047
10	215	150	10	1	**4932352048**	4002395367054
10	265	200	10	1	**4932471254**	4058546288822
10	315	250	10	1	**4932471255**	4058546288839
12	165	100	10	1	**4932352049**	4002395367061
12	215	150	10	1	**4932352050**	4002395367078
12	265	200	10	1	**4932471256**	4058546288846
14	215	150	10	1	**4932471257**	4058546288853
16	265	200	10	1	**4932471258**	4058546288860

SDS-Plus MX4 drill bits - 4 cut / 50 pack

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
5.5	165	100	50	1	**4932472234**	4058546326302
6	115	50	50	1	**4932430437**	4002395380985
6	165	100	50	1	**4932430438**	4002395380992
6	215	150	50	1	**4932430462**	4002395381234
6.5	165	100	50	1	**4932479557**	4058546373511
6.5	215	150	50	1	**4932430463**	4002395381241
6.5	265	200	50	1	**4932459589**	4058546027612
7	115	50	50	1	**4932472154**	4058546325503
7	165	100	50	1	**4932472155**	4058546325510
8	115	50	50	1	**4932479368**	4058546371623
8	165	100	50	1	**4932430439**	4002395381005
8	215	150	50	1	**4932430440**	4002395381012
8	315	250	50	1	**4932472156**	4058546325527
8	465	400	50	1	**4932472157**	4058546325534
10	115	50	50	1	**4932479369**	4058546371630
10	165	100	50	1	**4932430441**	4002395381029
10	215	150	50	1	**4932430442**	4002395381036
10	315	250	50	1	**4932472158**	4058546325541
10	455	390	50	1	**4932472159**	4058546325558
12	165	100	50	1	**4932472160**	4058546325565
12	215	150	50	1	**4932430443**	4002395381043
12	315	250	50	1	**4932472161**	4058546325572
12	450	400	50	1	**4932472162**	4058546325589
14	210	150	50	1	**4932478097**	4058546340308

SDS-Plus MX4 drill bits - 4 cut / sets

	Description	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
	SDS-Plus MX4 drill bit set (5pc)					
①	Ø 5 / 6 x 115 mm, Ø6 / 8 x 165 mm, Ø 10 x 165 mm	Plastic cassette	5	12	4932500063	4058546572273
	SDS-Plus MX4 drill bit set (5pc)					
①	Ø 5.5 x 115 mm, Ø 5.5 / 6 / 7 / 8 x 165 mm	Plastic cassette	5	12	4932500064	4058546572280
	SDS-Plus MX4 drill bit set (7pc)					
②	Ø 5 / 6 x 115 mm, Ø 6 / 8 / 8 / 10 x 165 mm, Ø 12 x 160 mm	Plastic cassette	7	6	4932500060	4058546572242
	SDS-Plus MX4 drill bit set (7pc)					
②	Ø 5.5 / 6 x 115 mm, Ø 5 / 5.5 / 6 / 8 / 10 x 165 mm	Plastic cassette	7	6	4932500061	4058546572259
	SDS-Plus MX4 drill bit set (10pc)					
②	Ø 5 / 6 / 6 x 115 mm, Ø 6 / 6 / 8 / 8 / 8 / 10 / 12 x 165 mm	Plastic cassette	10	6	4932500062	4058546572266

① ②





DESIGNED FOR USE IN PACKOUT™

M2™

PROFESSIONAL

FAST DRILLING IN CONCRETE



3 BREAKER POINTS

25% FASTER

3 BREAKER POINTS

*vs. previous generation



2 VARIABLE FLUTE DESIGN



2 CUTTER

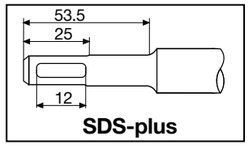
IDEAL IN CONCRETE DRILLING APPLICATIONS WITH CORDLESS HAMMERS

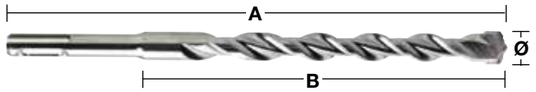
SDS-Plus M2 drill bits - 2 cut

Made in Germany

FASTEST: New aggressive tip geometry with 3 chip breakers demolishes the concrete quicker and a tapered shoulder design minimises friction enabling the M2 drill bit to deliver faster drilling speed

DURABILITY: Rebar chamfers on the tip prevent side tip damage when hitting metal reinforcement and a thicker core body ensures higher power transfer, lower vibrations and less flute breakages





Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
3	110	50		1	1	**4932352892**	4002395375509
3.5	110	50		1	1	**4932373908**	4002395353378
4	110	50		1	1	**4932339498**	4002395304561
4	160	100		1	1	**4932399143**	4002395357505
4.8	110	50		1	1	**4932352130**	4002395367832
5	110	50		1	1	**4932307067**	4002395308835
5	160	100		1	1	**4932399315**	4002395359431
5	210	150		1	1	**4932399316**	4002395359448
5.5	110	50		1	1	**4932339499**	4002395304578
5.5	160	100		1	1	**4932340408**	4002395311910
5.5	210	150		1	1	**4932399317**	4002395359455
5.5	260	200		1	1	**4932399318**	4002395359462
5.5	310	250		1	1	**4932399319**	4002395359479
5.5	410	350		1	1	**4932399320**	4002395359486
6	110	50		1	1	**4932307068**	4002395308842
6	160	100		1	1	**4932307069**	4002395308859
6	210	150		1	1	**4932373136**	4002395346394
6	260	200		1	1	**4932353819**	4002395320127
6	310	250		1	1	**4932399321**	4002395359493
6	460	400	✔	1	1	**4932399322**	4002395359509
6.5	110	50		1	1	**4932344292**	4002395312276
6.5	160	100		1	1	**4932344293**	4002395312269
6.5	210	150		1	1	**4932399147**	4002395357574
6.5	260	200		1	1	**4932399148**	4002395357581
6.5	310	260		1	1	**4932399323**	4002395359516
7	110	50		1	1	**4932353820**	4002395320134
7	160	100		1	1	**4932340409**	4002395311927
7	210	150		1	1	**4932399222**	4002395358366
7	250	200		1	1	**4932399324**	4002395359523
8	110	50		1	1	**4932307070**	4002395308866
8	160	100		1	1	**4932307071**	4002395308873
8	210	150		1	1	**4932307072**	4002395308880
8	260	200		1	1	**4932353821**	4002395320141
8	310	250		1	1	**4932399325**	4002395359530
8	400	350		1	1	**4932399326**	4002395359547
8	460	400	✔	1	1	**4932367013**	4002395336692
8	600	540	✔	1	1	**4932399327**	4002395359554
8	1000	940	✔	1	1	**4932399328**	4002395359561
9	160	100		1	1	**4932353823**	4002395320165
9	210	150		1	1	**4932353822**	4002395320158
10	110	50		1	1	**4932340410**	4002395311934
10	160	100		1	1	**4932307073**	4002395308897
10	210	150		1	1	**4932307074**	4002395308903
10	260	200		1	1	**4932344295**	4002395312252
10	310	250		1	1	**4932353824**	4002395320172
10	450	400	✔	1	1	**4932344296**	4002395312245
10	600	550	✔	1	1	**4932367014**	4002395336708
10	1000	950	✔	1	1	**4932367015**	4002395336715

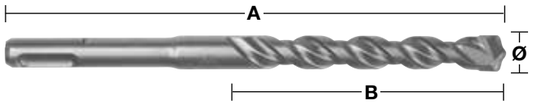
✔Pre drill with a short drill bit of the same diameter.

SDS-Plus M2 drill bits - 2 cut

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
11	160	100		1	1	**4932367066**	4002395336722
11	260	210		1	1	**4932399329**	4002395359578
12	160	110		1	1	**4932307075**	4002395308910
12	210	160		1	1	**4932307076**	4002395308927
12	260	210		1	1	**4932344297**	4002395312238
12	310	260		1	1	**4932353825**	4002395320189
12	450	400	✔	1	1	**4932307077**	4002395308934
12	600	550	✔	1	1	**4932367068**	4002395336746
12	1000	950	✔	1	1	**4932367017**	4002395336760
13	160	110		1	1	**4932307946**	4002395309054
13	260	210		1	1	**4932344298**	4002395312221
14	160	110		1	1	**4932307078**	4002395308941
14	210	160		1	1	**4932353826**	4002395320196
14	260	210		1	1	**4932307079**	4002395308958
14	310	260		1	1	**4932399330**	4002395359585
14	450	400	✔	1	1	**4932307088**	4002395309047
14	600	550	✔	1	1	**4932367018**	4002395336777
14	1000	950	✔	1	1	**4932367019**	4002395336784
15	160	110		1	1	**4932373910**	4002395353392
15	260	210		1	1	**4932344300**	4002395312207
16	160	110		1	1	**4932307080**	4002395308965
16	210	160		1	1	**4932307081**	4002395308972
16	260	210		1	1	**4932399331**	4002395359592
16	310	260		1	1	**4932344301**	4002395312191
16	450	400	✔	1	1	**4932307082**	4002395308989
16	600	550	✔	1	1	**4932367069**	4002395336791
16	1000	950	✔	1	1	**4932367021**	4002395336814
18	200	150		1	1	**4932344303**	4002395312177
18	250	200		1	1	**4932307083**	4002395308996
18	300	250		1	1	**4932344304**	4002395312160
18	450	400	✔	1	1	**4932340411**	4002395311941
18	600	550	✔	1	1	**4932367022**	4002395336821
18	1000	950	✔	1	1	**4932367024**	4002395336845
20	200	150		1	1	**4932344305**	4002395312153
20	250	200		1	1	**4932307084**	4002395309009
20	300	250		1	1	**4932399027**	4002395356126
20	450	400	✔	1	1	**4932307085**	4002395309016
20	600	550	✔	1	1	**4932367025**	4002395336876
20	1000	950	✔	1	1	**4932367026**	4002395336883
22	250	200		1	1	**4932373911**	4002395353408
22	450	400	✔	1	1	**4932344307**	4002395312139
22	600	550	✔	1	1	**4932367027**	4002395336890
22	1000	950	✔	1	1	**4932367029**	4002395336913
24	250	200		1	1	**4932373922**	4002395353521
24	450	400	✔	1	1	**4932307087**	4002395309030
25	250	200		1	1	**4932344308**	4002395312122
25	450	400	✔	1	1	**4932344309**	4002395312115
25	1000	950	✔	1	1	**4932367030**	4002395336975
26	250	200		1	1	**4932344310**	4002395323814
26	450	400	✔	1	1	**4932344311**	4002395312092

✔Pre drill with a short drill bit of the same diameter.

SDS-Plus M2 drill bits - 2 cut / 10 pack



Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
5	110	50	10	1	**4932371702**	4002395344017
5	160	100	10	1	**4932352520**	4002395371785
5.5	110	50	10	1	**4932352521**	4002395371792
5.5	160	100	10	1	**4932371703**	4002395344024
6	110	50	10	1	**4932371704**	4002395344031
6	160	100	10	1	**4932371705**	4002395344048
6	210	150	10	1	**4932399337**	4002395359653
6.5	160	100	10	1	**4932399338**	4002395359660
6.5	210	150	10	1	**4932399339**	4002395359677
6.5	260	200	10	1	**4932399340**	4002395359684
7	160	100	10	1	**4932373225**	4002395348619
8	160	100	10	1	**4932371706**	4002395344055
8	210	150	10	1	**4932399341**	4002395359691
10	110	50	10	1	**4932352522**	4002395371808
10	160	100	10	1	**4932371708**	4002395344079
10	210	150	10	1	**4932371709**	4002395344086
10	260	200	10	1	**4932399342**	4002395359707
12	160	100	10	1	**4932399343**	4002395359714
12	210	160	10	1	**4932371710**	4002395344093
12	260	210	10	1	**4932399344**	4002395359721
14	260	210	10	1	**4932371711**	4002395344109

SDS-Plus M2 drill bits - 2 cut / 50 pack

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
5	110	50	50	1	**4932399176**	4002395357833
5.5	160	100	50	1	**4932399177**	4002395357840
6	110	50	50	1	**4932399178**	4002395357857
6	160	100	50	1	**4932399179**	4002395357864
7	160	110	50	1	**4932399181**	4002395357888
8	160	100	50	1	**4932399182**	4002395357895
8	210	150	50	1	**4932399183**	4002395357901
10	160	110	50	1	**4932399345**	4002395359738
10	210	150	50	1	**4932399184**	4002395357918
10	260	200	50	1	**4932399185**	4002395357925
12	210	160	50	1	**4932399186**	4002395357932

SDS-Plus M2 drill bits - 2 cut / cassettes

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**SDS-Plus M2 drill bit set (5pc)** Ø 5 / 6 x 110 mm and Ø 6 / 8 / 10 x 160 mm	5	1	**4932352338**	4002395369973
①	**SDS-Plus M2 drill bit set (5pc)** Ø 5.5 x 110 mm and Ø 5.5 / 6 / 7 / 8 x 160 mm	5	1	**4932352834**	4002395374922
①	**SDS-Plus M2 drill bit set (5pc)** Ø 10 / 12 / 14 / 16 / 20 x 450 mm	5	1	**4932352801**	4002395374595
②	**SDS-Plus M2 drill bit set (7pc)** Ø 5 / 6 / 8 x 110 mm and Ø 6 / 8 / 10 / 12 x 160 mm	7	6	**4932492116**	4058546414832
②	**SDS-Plus M2 drill bit set (10pc)** Ø 5 / 5 / 6 / 6 x 110 mm and Ø 6 / 6 / 8 / 8 / 10 / 12 x 160 mm	10	6	**4932492117**	4058546414849
③	**Drill bit and chisel set (5pc)** SDS-Plus drill bits Ø 6 / 8 / 10 x 160 mm, pointed and flat chisel	5	1	**4932430002**	4002395376636

① 

② 

③ 

INVESTMENT IN CARBIDE



RESEARCH DEVELOPMENT
NEW *TECHNOLOGIES*



PROTOTYPING
RAPID *PROTOTYPING*



TESTING
COMPREHENSIVE *TESTING*



PRODUCTION
BEST IN CLASS *PRODUCTION*

M4™ M2™

SDS-PLUS | SDS-MAX | CHISELS

MADE IN GERMANY

SDS-Plus extensions

Universal SDS-Plus extensions to extend the reach of SDS-Plus drill bits.
Tool free drill bit click & connect system.
Fits to all SDS-Plus rotary hammers and drill bits.
Optimal for drilling around obstructions such as previously installed pipes and for overhead drilling.
Allows deep hole drilling e.g. rebar applications without buying an expensive long drill bit.
Diameter of the quick lock mechanism: 21 mm.



Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
300	1	1	**4932471153**	4058546287818
450	1	1	**4932471154**	4058546287825



DUST MANAGEMENT

Accurate concentricity and high dimensional accuracy drilled holes, according to PGM Conformity

Faster and more efficient drilling due to **99% dust removal**

Efficient drilling without dust for a safer and cleaner working environment

Active drill bit heads **cooling for a longer life**



SDS-Plus DUST-LOK dustless drill bits - 4 cut - Modular design

Efficient drilling without dust for a safer and cleaner work environment.
Captures 99% of drilled dust.
Active drill bit head cooling for a longer life.
4 cutter design prevents the drill bit from jamming in the rebar.
Accurate concentricity and high dimensional accuracy drilled holes, according to PGM.
Universal connector for all common vacuum cleaners with hose diameter 32 - 38 mm.

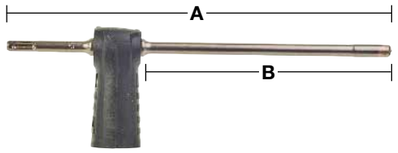
	Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
①	5	136	100	1	1	**4932471155**	4058546287832
②	6	136	100	1	1	**4932471156**	4058546287849
③	8	136	100	1	1	**4932471157**	4058546287856
④	10	136	100	1	1	**4932471158**	4058546287863
⑤	12	136	100	1	1	**4932471159**	4058546287870
⑥	SDS-Plus DC arbor with vacuum adapter			1	1	**4932471160**	4058546287887
	SDS-Plus DC dustless drill bit set (6pc)						
⑦	Ø 5 / 6 / 8 / 10 / 12 x 136 mm. 1 x arbor with vacuum adapter			7	1	**4932471162**	4058546287900

Scan the QR Code to see our full video.



SDS-Plus dustless drill bits - 2 cut - 2 piece design

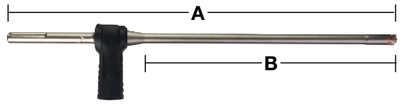
Faster and more efficient drill bit due to effective dust removal.
Efficient drilling without dust for a safer and cleaner working environment.
Active drill bit head cooling for a longer life.Accurate concentricity and high dimensional accuracy drilled holes, according to PGM Conformity.
Universal connector for all common vacuum cleaners with hose diameter 32 – 38 mm.



Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
12	325	200	1	1	**4932459283**	4058546002497
14	360	240	1	1	**4932459284**	4058546002503
16	360	240	1	1	**4932459285**	4058546002510

SDS-Max dustless drill bits - 4 cut - One piece design

Faster and more efficient drilling due to 99% dust removal.
Efficient drilling without dust for a safer and cleaner working environment.
Active drill bit head cooling for a longer life.
4 cutter design prevents the drill bit from jamming in the rebar.
Accurate concentricity and high dimensional accuracy drilled holes, according to PGM Conformity.
Universal connector for all common vacuum cleaners with hose diameter 32 – 38 mm.



Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
16	600	400	1	1	**4932459287**	4058546002534
18	600	400	1	1	**4932459288**	4058546002541
20	600	400	1	1	**4932459289**	4058546002558
22	600	400	1	1	**4932459290**	4058546002565
24	600	400	1	1	**4932459291**	4058546002572
25	600	400	1	1	**4932459292**	4058546002589
28	600	400	1	1	**4932459293**	4058546002596
28	900	900	1	1	**4932459294**	4058546002602
30	600	400	1	1	**4932459295**	4058546002619
30	900	700	1	1	**4932459296**	4058546002626
32	600	400	1	1	**4932459297**	4058546002633
32	900	700	1	1	**4932459298**	4058546002640
35	900	700	1	1	**4932459300**	4058546002664
Universal vacuum cleaner adaptor			1	1	**4931416173**	4002395805501

Dust guard

Prevents dust and dirt entering the tool reception area when using spades and ground rod drivers.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Dust guard cap	1	1	**9170086960**	4002395565504



Rotary hammer dust extraction

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Dust collection ring for collecting dust when overhead drilling. Suitable for Ø 5 - 8 mm	1	1	**4932430912**	4002395385744
②	Extractor for dust collection on the wall or when overhead drilling. Maximum diameter drill bit Ø 28 mm. Fits to all industrial dust extraction units (universal reception Ø 26 – 41 mm)	1	1	**4932430446**	4002395381074
③	Drilling shroud - PHDE72. For drilling and coring from Ø 6 - 72 mm. Brush insert to improve suction and extraction. Brushes to be removed for coring applications. Outlet nozzle: Ø 37 mm outside / Ø 32 mm inside. Replacement sealing lips (2 pcs): 4931448564. Replacement brush: 4931448565	1	1	**4932430480**	4002395381418
④	Drilling shroud - PHDE152	1	1	**4932471990**	4058546298890
	DE16 - Vac assist universal extractor				
⑤	DE16 unit, 1 x side handle and 3 x neck collars- allows fitting to drills with gear neck from Ø 43 - 59 mm. 2 x drilling nozzles (49902301)	1	1	**4932430835**	4002395384976









SDS-Plus dust trap

Universal fit - Fits ALL SDS-Plus rotary hammer brands and styles.
Fits ALL SDS-Plus drill bits up to 215mm total length.
Fits ALL standard vacuum cleaners.
Clear sleeve for visibility & accuracy.
Collects up to 99% of airborne dust.
Useable with or without vacuum cleaner.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
SDS-Plus dust trap	1	1	**4932464916**	4058546228613
SDS-Plus dust trap sleeve	1	1	**4932464917**	4058546228620









SDS-Max chisel boot

Universal fit - Fits ALL SDS-Max rotary hammer brands and styles.
Universal fit to pointed and flat chisels up to 400mm length and 25mm tip width.
Slim design for reaching tight areas.
Hose clip adapter for easy attachment to MILWAUKEE® vacuum cleaners.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
SDS-Max chisel boot	1	1	**4932471991**	4058546298906



Breaker boot

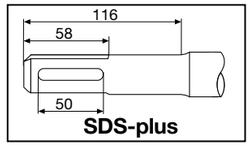
Universal fit - Fits most 28 & 30 mm breaking hammers. Perfect match to 28 mm MX FUEL™ breaker.
Universal fit to pointed and flat chisels.
Slim design for reaching tight areas.
Hose clip adapter for easy attachment to MILWAUKEE® vacuum cleaners.

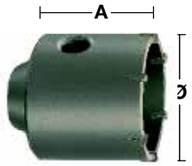
Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Breaker boot	1	1	**4932471992**	4058546298913



SDS-Plus TCT core cutters

Core cutters for rotary hammers up to 4 kg.
All TCT cores have a M16 x 2 thread and fit to both SDS-Plus and Hex 11 arbors.
Arbor and pilot drill bit required additionally.
Made in Germany.
Not suitable for reinforced concrete.

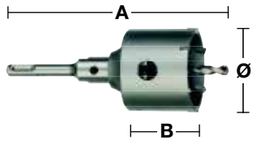




Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
35	58	1	1	**4932344478**	4002395312559
50	58	1	1	**4932344479**	4002395312566
65	50	1	1	**4932344480**	4002395312573
68	50	1	1	**4932399099**	4002395357031
82	50	1	1	**4932344481**	4002395312580
90	50	1	1	**4932344482**	4002395312597
100	50	1	1	**4932480689**	4058546409746

SDS-Plus TCT core cutter - set

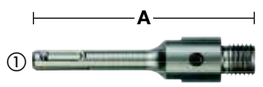
Set version includes: TCT core cutter, SDS-Plus arbor 105 mm length, TCT pilot drill bit Ø 8 x 120 mm and allen key.

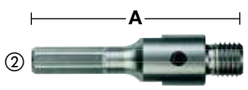


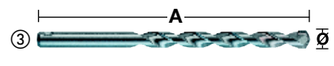
Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
65	182	50	4	1	**4932399295**	4002395359097
68	182	50	4	1	**4932399296**	4002395359103
82	182	50	4	1	**4932399297**	4002395359110

SDS-Plus TCT core cutter arbors

Both SDS-Plus and Hex arbors include an allen key and require a pilot drill bit additionally.







Description	Reception	Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
① SDS-plus arbor	SDS-Plus		105	2	1	**4932399966**	4002395366255
① SDS-plus arbor	SDS-Plus		370	2	1	**4932399967**	4002395366262
② Hex arbor	11 mm Hex		90	2	1	**4932399968**	4002395366279
③ TCT pilot drill bit for use in masonry, concrete, brick etc.		8	120	1	1	**4932399125**	4002395357291



MX4™

DRILL TO THE MAX.

SDS-MAX MX4™ DRILL BITS

MILWAUKEE® Tool leads the way in accessories development and technology for the professional job site. Our relentless pursuit of innovation has resulted in the Next Generation MX4™ SDS-MAX drill bits, our most powerful and durable drill bit for toughest tasks on the job site.

Driven and developed by countless hours on the jobsite, MILWAUKEE® has created MX4™ SDS-MAX as a drill bit designed to offer the fastest performance and longest lifespan when drilling in reinforced concrete. Featuring MILWAUKEE® exclusive Target Tip Technology, SDS-MAX is larger than the standard SDS-PLUS bits, providing improved accuracy and performance in rebar as well as other heavy-duty applications.

NEW

TARGET TIP TECHNOLOGY

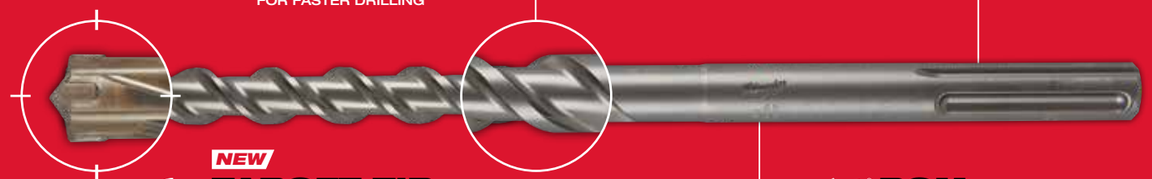
SHARPER ANGLED TIP
IMPROVED REBAR PERFORMANCE

2x LIFE IN REBAR*

* Vs previous generation

4 VARIABLE FLUTE DESIGN*
FOR FASTER DRILLING

PRECISION GERMAN ENGINEERING

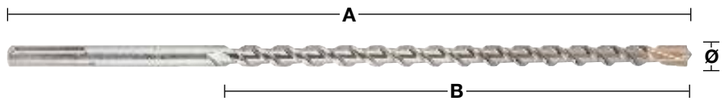


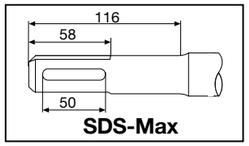
NEW
TARGET TIP TECHNOLOGY

PGM® **PGM RATED**
FOR PRECISE DRILLING

*Variable 4 flute design for diameters up to 16mm, all larger diameters have a variable 2 flute design.

SDS-Max MX4 drill bits - 4 cut





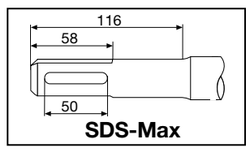
Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
12	340	200		1	1	**4932352750**	4002395374083
12	540	400	✔	1	1	**4932352751**	4002395374090
12	740	550		1	1	**4932430727**	4002395383887
14	340	200		1	1	**4932352752**	4002395374106
14	540	400	✔	1	1	**4932352753**	4002395374113
15	340	200		1	1	**4932352754**	4002395374120
15	540	400	✔	1	1	**4932352755**	4002395374137
16	340	200		1	1	**4932352756**	4002395374144
16	540	400	✔	1	1	**4932352757**	4002395374151
16	940	800	✔	1	1	**4932352758**	4002395374168
16	1320	1180	✔	1	1	**4932352759**	4002395374175
18	340	200		1	1	**4932352760**	4002395374182
18	540	400	✔	1	1	**4932352761**	4002395374199
18	940	800	✔	1	1	**4932352762**	4002395374205
18	1320	1180	✔	1	1	**4932352763**	4002395374212
20	320	200		1	1	**4932352764**	4002395374229
20	520	400	✔	1	1	**4932352765**	4002395374236
20	920	800	✔	1	1	**4932352766**	4002395374243
20	1320	1200	✔	1	1	**4932352767**	4002395374250
22	320	200		1	1	**4932352768**	4002395374267
22	520	400	✔	1	1	**4932352769**	4002395374274
22	920	800	✔	1	1	**4932352770**	4002395374281
22	1320	1200	✔	1	1	**4932352771**	4002395374298
24	320	200		1	1	**4932352772**	4002395374304
24	520	400	✔	1	1	**4932352773**	4002395374311
25	320	200		1	1	**4932352774**	4002395374328
25	520	400	✔	1	1	**4932352775**	4002395374335
25	920	800	✔	1	1	**4932352776**	4002395374342
25	1320	1200	✔	1	1	**4932352777**	4002395374359
26	520	400		1	1	**4932430728**	4002395383894
28	370	250		1	1	**4932352778**	4002395374366
28	570	450	✔	1	1	**4932352779**	4002395374373
28	670	550	✔	1	1	**4932352780**	4002395374380
28	920	800	✔	1	1	**4932352781**	4002395374397
28	1320	1200	✔	1	1	**4932352782**	4002395374403
30	370	250		1	1	**4932352783**	4002395374410
30	570	450		1	1	**4932352784**	4002395374427
30	920	800		1	1	**4932430729**	4002395383900
32	370	250		1	1	**4932352785**	4002395374434
32	570	450		1	1	**4932352786**	4002395374441
32	920	800	✔	1	1	**4932352787**	4002395374458
32	1320	1200	✔	1	1	**4932352788**	4002395374465
35	370	250		1	1	**4932352789**	4002395374472
35	570	450		1	1	**4932352790**	4002395374489
35	920	800	✔	1	1	**4932352791**	4002395374496
38	370	250		1	1	**4932352792**	4002395374502
38	570	450		1	1	**4932352793**	4002395374519
40	370	250		1	1	**4932352794**	4002395374526
40	570	450	✔	1	1	**4932352795**	4002395374533
40	920	800	✔	1	1	**4932352796**	4002395374540
40	1320	1200	✔	1	1	**4932352797**	4002395374557
45	570	450		1	1	**4932352798**	4002395374564
45	920	800		1	1	**4932430730**	4002395383917
50	570	450		1	1	**4932430731**	4002395383924
52	570	450		1	1	**4932352799**	4002395374571
SDS-Max drill bits set (5pc) Ø 16 / 18 x 540 mm, Ø 20 / 22 / 25 x 520 mm				5	1	**4932352800**	4002395374588

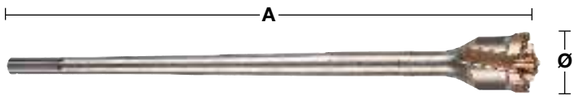
✔ Pre drill with a short drill bit of the same diameter.

additional length available upon request

SDS-Max TCT tunnel drill bits - One piece design

One piece solid steel tool.
Premium 3 cutter centering drill bit.
Massive head with 3 large dust removal channels.
Rebar chamfers to prevent side tip damage when hitting metal reinforcement.
Suitable for reinforced concrete.
Made in Germany.

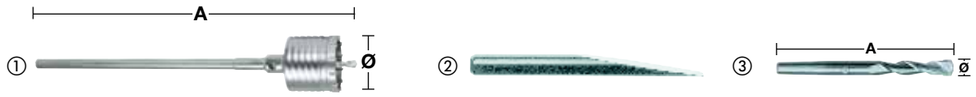




Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
40	550	1	1	**4932492053**	4058546414207
45	550	1	1	**4932492054**	4058546414214
45	990	1	1	**4932492055**	4058546414221
55	550	1	1	**4932492056**	4058546414238
55	990	1	1	**4932492057**	4058546414245
65	550	1	1	**4932492058**	4058546414252
65	990	1	1	**4932492059**	4058546414269
80	550	1	1	**4932492060**	4058546414276
80	990	1	1	**4932492061**	4058546414283

SDS-Max TCT core cutters - One piece design

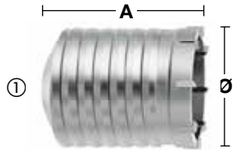
One piece solid steel tool.
Increased lifetime.
Supplied with pilot drill bit and ejector tool.
Made in Germany.
Suitable for use in reinforced concrete with rebar.



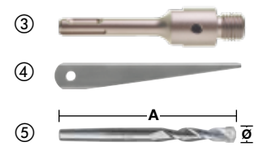
Description	Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
①	50	290	1	1	**4932399373**	4002395359905
	50	550	1	1	**4932373884**	4002395353132
	68	290	1	1	**4932399374**	4002395359912
	68	550	1	1	**4932373885**	4002395353149
	80	290	1	1	**4932399375**	4002395359929
	80	550	1	1	**4932373886**	4002395353156
	100	550	1	1	**4932373888**	4002395353170
	125	550	1	1	**4932373889**	4002395353187
	150	550	1	1	**4932373890**	4002395353194
② Ejector tool			1	1	**4932399021**	4002395356065
③ Pilot drill bit	11	120	1	1	**4932245967**	4002395307111

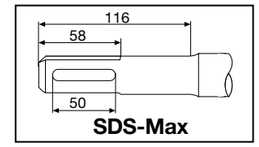
SDS-Max TCT core cutters - Two piece design

Not suitable for rotary hammers > 10 kg.
Made in Germany.
Not suitable for reinforced concrete.









Description	Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
① TCT core cutter	40	100	1	1	**4932245992**	4002395307180
	50	100	1	1	**4932430732**	4002395383931
	60	100	1	1	**4932430733**	4002395383948
	65	100	1	1	**4932245994**	4002395307203
	68	100	1	1	**4932430734**	4002395383955
	80	100	1	1	**4932245995**	4002395307210
	90	100	1	1	**4932430735**	4002395383962
	100	100	1	1	**4932367304**	4002395336432
	125	100	1	1	**4932367306**	4002395336456
	150	100	1	1	**4932367308**	4002395336470
② Arbor SDS-Max	-	180	1	1	**4932343667**	4002395315932
	-	450	1	1	**4932343670**	4002395315949
③ SDS+ Arbor for SDS-Max TCT core cutters		115	1	1	**4932480690**	4058546409753
④ Ejector tool	-	-	1	1	**4932604214**	4002395311231
⑤ Pilot drill bit	11	120	1	1	**4932245967**	4002395307111

SDS-Max to SDS-Plus chuck adaptor

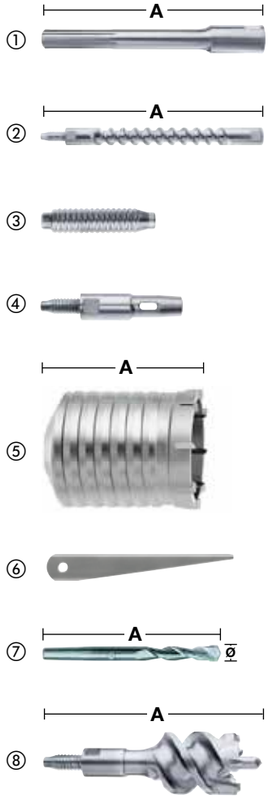


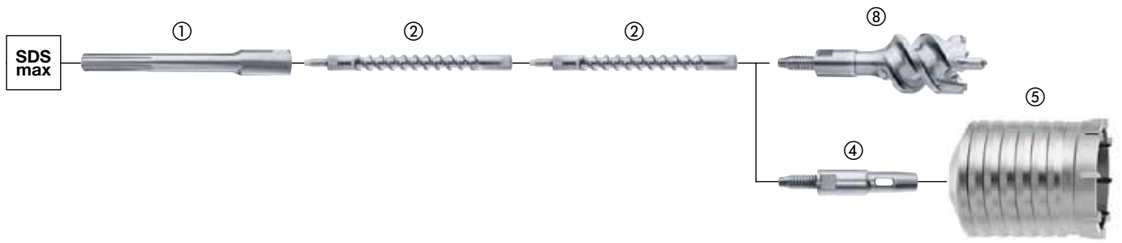
Description	Tool reception	Drill reception	Pack quantity	Min. order quantity	Article Number	EAN Code
SDS-Max to SDS-Plus chuck adaptor	SDS-Max	SDS-Plus	1	1	**4932359490**	4002395325795

SDS-Max vario extension system

Flexible tool system: can be extended to variable lengths in combination with core cutters or tunnel bits. We recommend a maximum of 3 extensions.
Cost effective: different drill sizes can be exchanged easily and fast with the threaded stud system.
Suitable for rotary hammers up to 8 kg.
Vario tunnel bits (supplied with thread).
Not suitable for reinforced concrete.

Description	Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
① SDS-Max arbor with internal thread	-	195	1	1	**4932430736**	4002395383979
② Vario extension (incl. threaded stud)	25	280	1	1	**4932430737**	4002395383986
③ Vario threaded stud	-	-	1	1	**4932430738**	4002395383993
④ Vario threaded stud with tapered end 1:8 for TCT core cutters	-	-	1	1	**4932430748**	4002395384099
⑤ TCT core cutter	40	100	1	1	**4932245992**	4002395307180
	50	100	1	1	**4932430732**	4002395383931
	60	100	1	1	**4932430733**	4002395383948
	65	100	1	1	**4932245994**	4002395307203
	68	100	1	1	**4932430734**	4002395383955
	80	100	1	1	**4932245995**	4002395307210
	90	100	1	1	**4932430735**	4002395383962
	100	100	1	1	**4932367304**	4002395336432
	125	100	1	1	**4932367306**	4002395336456
	150	100	1	1	**4932367308**	4002395336470
⑥ Ejector tool	-	-	1	1	**4932604214**	4002395311231
⑦ Pilot drill bit	11	120	1	1	**4932245967**	4002395307111
⑧ Vario tunnel drill bits (supplied with thread)	30	150	1	1	**4932430739**	4002395384006
	35	150	1	1	**4932430740**	4002395384013
	40	150	1	1	**4932430743**	4002395384044
	45	150	1	1	**4932430744**	4002395384051
	55	150	1	1	**4932430745**	4002395384068
	60	150	1	1	**4932430741**	4002395384020
	68	150	1	1	**4932430746**	4002395384075
	80	150	1	1	**4932430747**	4002395384082
	90	150	1	1	**4932430742**	4002395384037





Drill Connect

The innovative Drill Connect System is the ultimate solution for those requiring maximum versatility with large diameter drilling tools.

Versatile:
Drill Connect acts as a link between machine and drilling tools. On one side the system is totally compatible to all SDS-Max reception drilling tools such as drill bits, tunnel bits and core cutters. On the opposite side, between the rotary hammer and the Drill Connect attachment, one can fit the extension piece with the desired length.

Cost effective:
Professional users always require both long and short length drill bits and depending on the application sometimes even of the same diameter. But now, one can reduce the total number of drilling tools with the help of the Drill Connect System which makes it possible to interchange the drilling tools diameter and length in one simple step. Therefore users can reap the benefits of purchasing the cheaper short length drill bits and extending the length with the economical extensions plus the flexibility of Drill Connect reduces the overall quantity of drill bits one must carry in their toolbox.

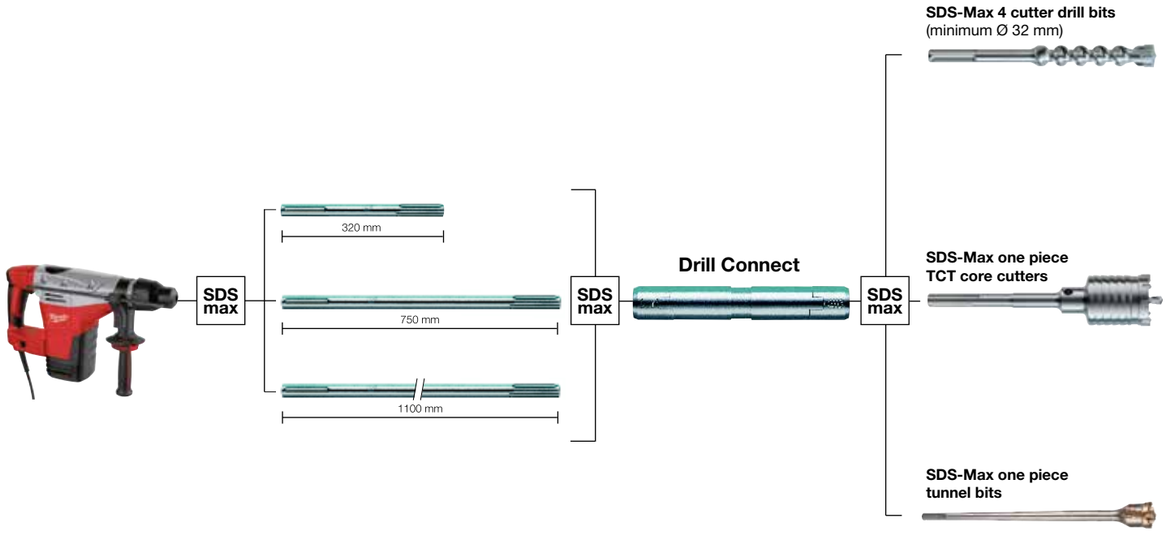


100 % Power:
The Drill Connect attachment provides a quick and safe connection between drilling tool and extension piece and therefore ensures that 100 % of the power is completely transmitted to the drill bit tip.



Less weight:
The combination of short drilling tools and 18 mm diameter extensions reduces the overall weight by up to 15 %.

- We recommend that Drill Connect be cleaned of concrete dust and lubricated with grease at regular intervals (Grease – Part-no. 4932352273).
- Drill Connect is only suitable for drilling tools in excess of 32 mm diameter and limited for use with rotary hammers up to 8 kg in weight.



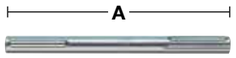
Drill connect

Suitable for use with drilling tools with a Ø of 32 mm and above.
For use with rotary hammers up to 8 kg in weight.



Description	Tool reception	Drill connect reception	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
Drill connect	SDS-Max	SDS-Max	190	1	1	**4932399128**	4002395357321

Extension pieces



Description	Tool reception	Drill connect reception	Length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
SDS-Max extension	SDS-Max	SDS-Max	320	1	1	**4932399242**	4002395358533
SDS-Max extension	SDS-Max	SDS-Max	750	1	1	**4932399129**	4002395357338
SDS-Max extension	SDS-Max	SDS-Max	1100	1	1	**4932399243**	4002395358540

Grease

This grease has been specially formulated to lubricate and protect both the tool and accessories ensuring increased lifetime.
Apply sparingly directly onto the reception of the drill bit, chisel or core cutter, etc.
Contains 50 grams.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Grease	1	1	**4932352273**	4002395369324
Counter display with 15 x single grease tube	15	1	**4932352274**	4002395369331

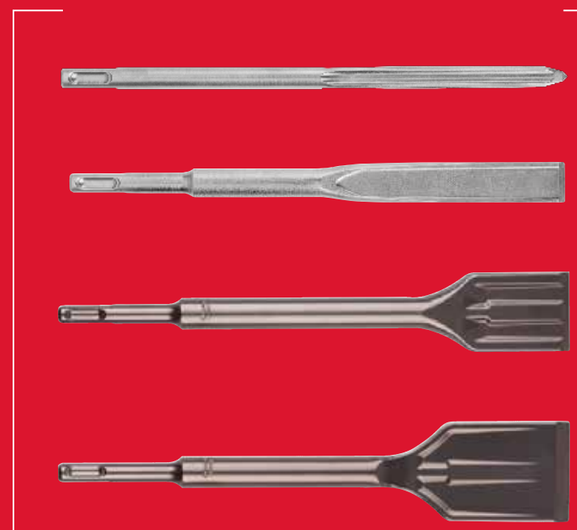
SLEDGE™ CHISELS

3x MORE LIFE
*VS STANDARD CHISELS

Our SLEDGE™ Chisels stay sharper for longer. Reinforced edges deliver maximum durability and reduced wear over the life of the chisel. We've engineered these chisels to maintain sharper edges for increased productivity with an optimized tip for fast removal of concrete, rust, cutting troughs, and asphalt.

No re-sharpening or re-hardening necessary for reduced downtime. High grade forged steel for maximum durability and longer life in concrete demolition over our standard scraping chisels. For use with SDS-Plus & Max rotary hammers.





EXTRA LONG
WORKING LENGTH

SELF-SHARPENING TIP

MADE IN
GERMANY

RE-GRINDED TIP
STAYS SHARPER, BEST PERFORMANCE AND AVOIDS JAMMING

Scan the QR Code to see our full video.

SDS-Plus SLEDGE™ Chisels

Up to 3x longer life compared to standard chisels.
Self-sharpening tip geometry for increased productivity.
Reinforced edges for maximum durability.
Made in Germany.

	Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	SDS-Plus SLEDGE™ pointed chisel	250	-	1	1	**4932493607**	4058546484781
				10	1	**4932493608**	4058546484798
②	SDS-Plus SLEDGE™ flat chisel	250	20	1	1	**4932493609**	4058546484804
				10	1	**4932493610**	4058546484811
③	SDS-Plus SLEDGE™ wide chisel	250	40	1	1	**4932478264**	4058546344412
④	SDS-Plus SLEDGE™ tile chisel	250	50	1	1	**4932478265**	4058546344429



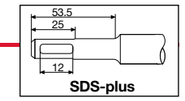
SDS-Max SLEDGE™ self sharpening chisels

Up to 2x longer life compared to standard chisels.
Self sharpening tip geometry.
Extra long working length for more material removal.
Re-grinded tip stays sharper for longer and avoids jamming.
Made in Germany.

	Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	SDS-Max SLEDGE™ pointed chisel	400	-	1	1	**4932478266**	4058546344436
				20	1	**4932478274**	4058546344511
②	SDS-Max SLEDGE™ flat chisel	400	25	1	1	**4932478267**	4058546344443
				20	1	**4932478275**	4058546344528
③	SDS-Max SLEDGE™ 2 wide chisel	380	50	1	1	**4932478268**	4058546344450
④	SDS-Max SLEDGE™ 3 wide chisel	300	80	1	1	**4932478269**	4058546344467
⑤	SDS-Max SLEDGE™ tile chisel	380	50	1	1	**4932478270**	4058546344474
⑥	SDS-Max SLEDGE™ tile chisel	300	50	1	1	**4932478271**	4058546344481
⑦	SDS-Max floor scraping tool	635	152	1	1	**4932480474**	4058546407599
	SDS-Max floor scraping service set (10pc) 1 x blade 152x180x1.5 mm, 1 x clamping blade, 4 x nuts, 4 x countersunk bolts			10	1	**4932480475**	4058546407605



SDS-Plus chisels

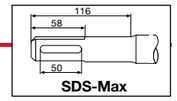


	Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	SDS-Plus thin pointed chisel	180	-	1	1	**4932451731**	4002395276813
②	SDS-Plus pointed chisel	250	-	1	1	**4932339625**	4002395304813
③	SDS-Plus thin flat chisel	180	14	1	1	**4932451732**	4002395276820
④	SDS-Plus flat chisel	250	20	1	1	**4932339626**	4002395304820
⑤	SDS-Plus wide chisel	250	40	1	1	**4932367146**	4002395334377
⑥	SDS-Plus 3 pc chisel set: 1 x Pointed chisel, 1 x Flat chisel, 1 x Wide chisel	250	-	3	1	**4932430001**	4002395376629
⑦	SDS-Plus tile removal chisel	250	40	1	1	**4932353424**	4002395320202
⑧	SDS-Plus gouge chisel	250	22	1	1	**4932339627**	4002395304837
⑨	SDS-Plus plaster removal chisel	165	75	1	1	**4932352344**	4002395370030
⑩	SDS-Plus floor / wall scraper	250	100	1	1	**4932352919**	4002395375776
	Spare 1 mm thick floor / wall scraper blade with 3 x bolts / nuts	-	-	1	1	**4932480543**	4058546408282
⑪	SDS-Plus mortar chisel	125	32	1	1	**4932472029**	4058546324254
		200	32	1	1	**4932472030**	4058546324261
⑫	SDS-Plus wing chisel	250	22	1	1	**4932479900**	4058546376949





SDS-Max chisels



Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① SDS-Max pointed chisel	280	-	1	1	**4932343734**	4002395317509
	400	-	1	1	**4932343735**	4002395317516
	400	-	20	1	**4932399302**	4002395359165
	600	-	1	1	**4932343736**	4002395317523
② SDS-Max flat chisel	280	25	1	1	**4932343737**	4002395317530
	400	25	1	1	**4932343738**	4002395317547
	400	25	20	1	**4932399303**	4002395359172
	600	25	1	1	**4932343739**	4002395317554
③ SDS-Max wide chisel	400	50	1	1	**4932343743**	4002395317592
	300	80	1	1	**4932343744**	4002395317608
	350	115	1	1	**4932343745**	4002395317615
④ SDS-Max tile removal chisel	300	80	1	1	**4932399234**	4002395358489
⑤ SDS-Max chasing gouge chisel	300	26	1	1	**4932343740**	4002395317561
⑥ SDS-Max chasing wing chisel	380	35	1	1	**4932343746**	4002395317622
⑦ SDS-Max spade chisel	400	110	1	1	**4932343747**	4002395317639
⑧ SDS-Max surface treatment / bushing tool	240	45	1	1	**4932352918**	4002395375769
⑨ SDS-Max electrode / ground rod driver	220	Ø 13.3	1	1	**4932451354**	4002395159031
	220	Ø 16.6	1	1	**4932451355**	4002395159048
	220	Ø 22.2	1	1	**4932451356**	4002395159055
⑩ SDS-Max mortar chisel	280	38	1	1	**4932472031**	4058546324278



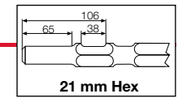
Universal taper shanks



Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
Universal taper shank SDS-Max	300	1	1	**4932343771***	4002395317745

*While stocks last

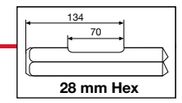
21 mm Hex chisels



Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① 21 mm Hex pointed chisel	380	-	1	1	**4932479212**	4058546370060
	460	-	1	1	**4932492776**	4058546476472
	600	-	1	1	**4932479213**	4058546370077
② 21 mm Hex flat chisel	380	24	1	1	**4932479214**	4058546370084
	460	25	1	1	**4932492777**	4058546476489
	600	24	1	1	**4932479215**	4058546370091
③ 21 mm Hex flat wide chisel	300	50	1	1	**4932479216**	4058546370107
	300	75	1	1	**4932479217**	4058546370114
④ 21 mm Hex spade chisel	450	100	1	1	**4932479218**	4058546370121
⑤ 21 mm Hex toolholder	300	-	1	1	**4932479219**	4058546370138
⑥ 21 mm Hex tamping plate	120	120	1	1	**4932479220**	4058546370145



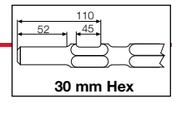
28 mm Hex chisels



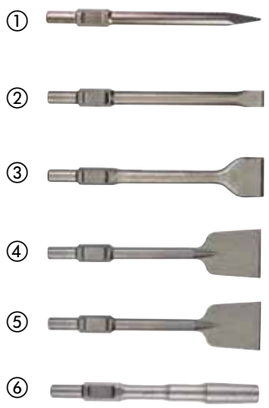
Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① 28 mm Hex pointed chisel	400	-	1	1	**4932459774**	4058546029463
② 28 mm Hex flat chisel	400	35	1	1	**4932459775**	4058546029470
③ 28 mm Hex flat wide chisel	400	80	1	1	**4932459776**	4058546029487
④ 28 mm Hex spade chisel	400	125	1	1	**4932479221**	4058546370152
⑤ 28 mm Hex asphalt cutter	440	115	1	1	**4932479222**	4058546370169
⑥ 28 mm Hex toolholder	390	-	1	1	**4932479223**	4058546370176
⑦ 28 mm Hex tamping plate	200	200	1	1	**4932479224**	4058546370183
⑧ 28 mm Hex ground rod driver	300	23	1	1	**4932499023**	4058546528928



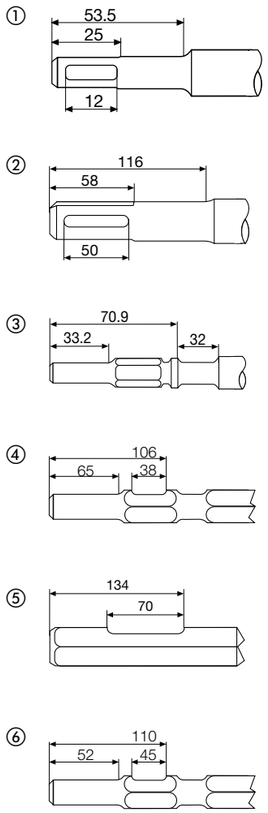
30 mm Hex chisels



	Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	30 mm Hex pointed chisel	400	-	1	1	**4932464162**	4058546221072
②	30 mm Hex flat chisel	400	32	1	1	**4932464163**	4058546221089
③	30 mm Hex flat wide chisel	400	75	1	1	**4932479225**	4058546370190
④	30 mm Hex spade chisel	400	125	1	1	**4932479244**	4058546370381
⑤	30 mm Hex asphalt cutter	400	115	1	1	**4932479245**	4058546370398
⑥	30 mm Hex toolholder	360	-	1	1	**4932479226**	4058546370206



Name		Top view	Suitable for
① SDS-plus	drill		**AEG, MILWAUKEE®, Bosch, Dewalt, Hilti, Hitachi, Kango, Makita, Ryobi**
① SDS-plus	chisel		**AEG, MILWAUKEE®, Bosch, Dewalt, Hilti, Hitachi, Kango, Makita, Ryobi**
② SDS-Max	drill		**AEG, MILWAUKEE®, Bosch, Dewalt, Hilti, Hitachi, Kango, Makita, Ryobi**
② SDS-Max	chisel		**AEG, MILWAUKEE®, Bosch, Dewalt, Hilti, Hitachi, Kango, Makita, Ryobi**
③ 21 mm Hexagon	drill		**Hitachi, Kango, Makita, MILWAUKEE®**
④ 21 mm Hexagon	chisel		**Hitachi, Kango, Makita, MILWAUKEE®**
⑤ 28 mm Hexagon	chisel		**AEG, MILWAUKEE®**
⑥ 30 mm Hexagon	chisel		**Atlas Copco, Kango, MILWAUKEE®**





HEX SHANK

- To use with an impact driver and all types of 3 jaw chucks tool like a (percussion) drill driver
- Ensures a safe grip also in standard 3 jaw chucks

WHITE FLUTE

- To identify the drill bit easily in the users toolbox
- First to market with a white flute

2 CUTTER CARBIDE TIP

- Allows drilling into concrete, bricks, roof tiles, cinderblocks, thin metal, ceramic, tiles, wood, PVC, aluminium, drywall, mortar and plywood
- Very popular drill bits for plumbers because of the versatility

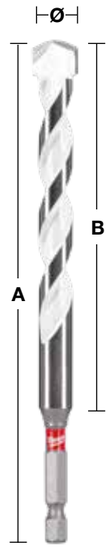
MULTI MATERIAL DRILL BITS

Our Multi-Material Drill Bits are the most versatile bits, designed to tackle materials such as brick, block, concrete, steel, aluminium, ceramic tile, wood, PVC, and drywall. The aggressive multi-grind carbide tip delivers up to 10x longer life in stacked materials and up to 85% faster drilling speeds in metal. Equipped with a 1/4” hex shank, these general-purpose bits are compatible with impact drivers.

SHOCKWAVE IMPACT DUTY™

Multi material drill bits

Impact rated: Designed for use with impact drivers and all types of 3 jaw chuck tools like rotary drill/ drivers and percussion drills.
Hex shank up to 260mm total length, 3 flat shank on 400mm total length drill bits.
Tungsten carbide tipped (TCT) drill bits allow drilling into concrete, bricks, roof tiles, aerated concrete blocks, thin metal, aluminium, soft to medium hardness ceramic tiles, all wood types and PVC.
White flute to identify the drill bit easily in the users tool box.



Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3	90	45	1	1	**4932471091**	4058546287191
4	90	45	1	1	**4932471092**	4058546287207
5	100	50	1	1	**4932471093**	4058546287214
5	150	87	1	1	**4932493873**	4058546510336
5.5	100	50	1	1	**4932471094**	4058546287221
5.5	150	90	1	1	**4932471095**	4058546287238
6	100	50	1	1	**4932471096**	4058546287245
6	150	90	1	1	**4932471097**	4058546287252
6	200	140	1	1	**4932471098**	4058546287269
6	400	340	1	1	**4932471099**	4058546287276
6.5	108	45	1	1	**4932493874**	4058546510343
6.5	150	100	1	1	**4932471100**	4058546287283
6.5	200	140	1	1	**4932471101**	4058546287290
6.5	400	340	1	1	**4932471102**	4058546287306
7	100	50	1	1	**4932471103**	4058546287313
7	150	87	1	1	**4932493875**	4058546510350
8	120	60	1	1	**4932471104**	4058546287320
8	260	200	1	1	**4932471105**	4058546287337
8	400	340	1	1	**4932471106**	4058546287344
10	120	60	1	1	**4932471107**	4058546287351
10	260	200	1	1	**4932471108**	4058546287368
10	400	340	1	1	**4932471109**	4058546287375
12	150	90	1	1	**4932471110**	4058546287382
12	260	260	1	1	**4932471111**	4058546287399
12	400	340	1	1	**4932493876**	4058546510367
14	260	200	1	1	**4932493877**	4058546510374
14	400	340	1	1	**4932493878**	4058546510381
16	260	200	1	1	**4932493879**	4058546510398
16	400	340	1	1	**4932493880**	4058546510404
Multi material drill bit set (8pc) Ø 4 x 100 mm, Ø 5 / 5 / 6 / 6 x 108 mm, Ø 8 / 10 x 120 mm, Ø 12 x 150 mm			8	1	**4932493871**	4058546510312
Multi material drill bit set (8pc) Ø 4 x 100 mm, Ø 5 / 5.5 / 5.5 x 108mm, Ø 6 / 7 x108mm, Ø 8 / 10 x 120mm			8	1	**4932493872**	4058546510329

DESIGNED FOR USE IN PACKOUT™

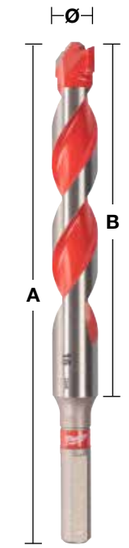






Premium concrete drill bits - 3 flat shank

Tungsten carbide tipped (TCT) drill bits allow drilling into concrete, aerated concrete blocks, masonry, slate and granite. From Ø 5 mm the hammer drill bits are supplied with a 3 flat shank to prevent the drill bit slipping in the chuck. Ø 3 & 4 mm the drill bits are supplied with a round shank.
Red flute to identify the drill bit easily in the users tool box.
Can be used in hammer and rotary mode.



Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3	90	45	1	1	**4932471167**	4058546287955
3.5	90	45	1	1	**4932493883**	4058546510435
4	90	45	1	1	**4932471169**	4058546287979
5	100	50	1	1	**4932471171**	4058546287993
5	150	90	1	1	**4932493884**	4058546510442
5.5	100	50	1	1	**4932471173**	4058546288013
5.5	150	90	1	1	**4932493885**	4058546510459
6	100	50	1	1	**4932471175**	4058546288037
6	150	90	1	1	**4932471176**	4058546288044
6	260	200	1	1	**4932493886**	4058546510466
6.5	100	50	1	1	**4932471178**	4058546288068
6.5	150	90	1	1	**4932471179**	4058546288075
7	100	50	1	1	**4932471180**	4058546288082
7	150	90	1	1	**4932471181**	4058546288099
8	100	50	1	1	**4932471182**	4058546288105
8	150	90	1	1	**4932471183**	4058546288112
8	200	140	1	1	**4932493887**	4058546510473
8	400	340	1	1	**4932493888**	4058546510480
9	120	60	1	1	**4932493889**	4058546510497
10	150	90	1	1	**4932471186**	4058546288143
10	260	200	1	1	**4932471187**	4058546288150
10	400	340	1	1	**4932493890**	4058546510503
11	150	90	1	1	**4932493891**	4058546510510
12	150	90	1	1	**4932471188**	4058546288167
12	260	200	1	1	**4932471189**	4058546288174
12	400	340	1	1	**4932493892**	4058546510527
14	150	90	1	1	**4932471190**	4058546288181
14	260	200	1	1	**4932471191**	4058546288198
16	150	90	1	1	**4932493893**	4058546510534
25	300	250	1	1	**4932501245**	4058546639617
Premium concrete drill bit set (8pc) ① Ø 4 x 90 mm, Ø 5 / 5.5 / 5.5 / 6 / 7 x 100 mm, Ø 8 / 10 x 150 mm			8	1	**4932493881**	4058546510411
Premium concrete drill bit set (8pc) ② Ø 4 x 90 mm, Ø 5 / 5 / 6 / 6 x 100 mm, Ø 8 / 10 / 12 x 150 mm			8	1	**4932493882**	4058546510428

DESIGNED FOR USE IN PACKOUT™



Glass & tile bits

Suitable for drilling in non toughened glass, soft to medium hardness tiles and ceramics. Sharpened carbide for faster drilling. Reinforced carbide head for increased durability. Red painted tip. From Ø 5 mm the glass & tile drill bits are supplied with a multi-flat shank to prevent the drill bit slipping in the chuck.



Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3	1	1	**4932471955**	4058546298548
4	1	1	**4932471956**	4058546298555
5	1	1	**4932471957**	4058546298562
5.5	1	1	**4932471855**	4058546297541
6	1	1	**4932471958**	4058546298579
6.5	1	1	**4932471856**	4058546297558
7	1	1	**4932471857**	4058546297565
8	1	1	**4932471959**	4058546298586
10	1	1	**4932471960**	4058546298593
12	1	1	**4932471961**	4058546298609
14	1	1	**4932471858**	4058546297572
16	1	1	**4932471859**	4058546297589
Glass & Tile Drill Set - 5pc Ø 4 / 5 / 2 x 6 / 8	5	12	**4932479948**	4058546377427

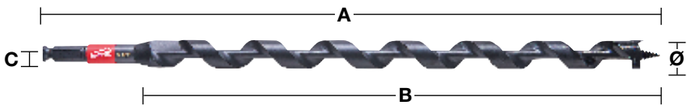


Impact rated wood auger bits

Suitable for use with all types of corded / cordless drills including impact wrenches.
Drilling with an impact wrench enables drilling holes with less effort, one hand drilling, drilling up a ladder and above head height with less risk of injury from the tool clutching out.
Special zone hardening process ensures an extra hard shank, durable tip and perfectly flexible bit body.
New MILWAUKEE® Through-Center head geometry with the lead cutting edge lines up with the center of the feed screw - this ensures efficient chip removal and allows for continuous feeding.
20° rake angle of the lead cutting edge creates a path for easy chip ejection.
Polished and powder coated flute design produces a non-stick surface for increased chip ejection, reduced chip clogging and higher selfeeding capability.
Milling marks are removed in the finishing process, creating a smooth surface.
Lewis flute with large, wide throat design for rapid chip removal.
Sharp ground cutting lips for smooth clean holes.
Resharpenable cutting lips.
With 7/16″ shank - to fit square drive 1/2″ impact wrenches the adaptor 48660061 is required.
Suitable for hard & soft wood, wet & treated wood, plywood, chipboard, WPC (wood plastic composite), laminated beams and panels, exotic and hard woods e.g. bongossi, iroko, teak, beech, oak, etc.



Impact wood auger bits - long series



Diameter (mm)	Total length (mm) A	Working length (mm) B	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
14	460	395	7/16″ Hex	1	1	**48136754**	045242518999
16	460	395	7/16″ Hex	1	1	**48136756**	045242519002
18	460	395	7/16″ Hex	1	1	**48136758**	045242500994
19	460	395	7/16″ Hex	1	1	**48136759**	045242519019
20	460	395	7/16″ Hex	1	1	**48136760**	045242501007
22	460	395	7/16″ Hex	1	1	**48136762**	045242519033
26	460	395	7/16″ Hex	1	1	**48136766**	045242501014
29	460	395	7/16″ Hex	1	1	**48136769**	045242519057
Impact wood auger bit set (4pc) available in a pouch							
Ø 14 / 16 / 18 / 20 x 460 mm				4	1	**48136780**	045242005383

Impact wood auger and selfeed bits - adaptor

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Socket adaptor: 1/2″ square to 7/16″ and 11 mm Hex. For 7/16″ selfeed bits and impact auger bits	1	1	**48660061**	045242155118



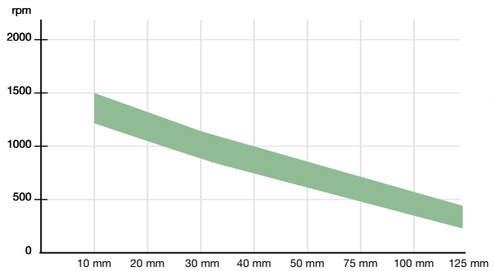


WOOD DRILLING SPEEDS

The following table give recommended drilling speeds for the most efficient cutting speed. The table should only be used as a guide and are dependant on the user and material being drilled.

SHOCKWAVE IMPACT DUTY™

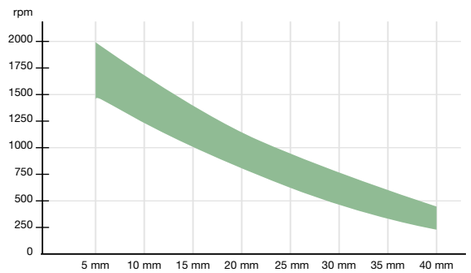
Forstner bits / Selfeed bits



Optimum drilling speed range in rpm



Auger bits

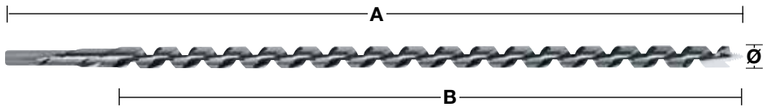


Optimum drilling speed range in rpm



Wood auger bits

For heavy duty, precision drilling in soft and hard wood, large section beams, joists, floor boarding, chipboard and plywood.
Lewis flute design for rapid chip removal.
With Hex shank for secure chuck grip.

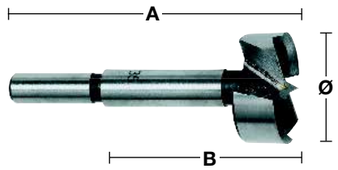




Diameter (mm)	Total length (mm) A	Working length (mm) B	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
6	230	155	6.5 mm Hex	1	1	**4932430175**	4002395378364
6	460	385	6.5 mm Hex	1	1	**4932430176**	4002395378371
8	230	155	6.5 mm Hex	1	1	**4932363681**	4002395331796
8	460	385	6.5 mm Hex	1	1	**4932363688**	4002395331710
10	230	155	8.5 mm Hex	1	1	**4932363682**	4002395331802
10	460	385	8.5 mm Hex	1	1	**4932363689**	4002395331727
10	600	530	8.5 mm Hex	1	1	**4932363696**	4002395331642
12	230	155	10 mm Hex	1	1	**4932363683**	4002395331819
12	460	385	10 mm Hex	1	1	**4932363690**	4002395331734
12	600	530	10 mm Hex	1	1	**4932363697**	4002395331659
14	230	155	11 mm Hex	1	1	**4932363684**	4002395331826
14	460	385	11 mm Hex	1	1	**4932363691**	4002395331741
14	600	530	11 mm Hex	1	1	**4932363698**	4002395331666
16	230	155	11 mm Hex	1	1	**4932363685**	4002395331833
16	460	385	11 mm Hex	1	1	**4932363692**	4002395331758
16	600	530	11 mm Hex	1	1	**4932363699**	4002395331673
18	230	155	11 mm Hex	1	1	**4932363686**	4002395331840
18	460	385	11 mm Hex	1	1	**4932363693**	4002395331765
18	600	530	11 mm Hex	1	1	**4932363700**	4002395331680
20	230	155	11 mm Hex	1	1	**4932363687**	4002395331857
20	460	385	11 mm Hex	1	1	**4932363694**	4002395331772
20	600	530	11 mm Hex	1	1	**4932363701**	4002395331697
22	230	155	11 mm Hex	1	1	**4932373363**	4002395347889
22	460	385	11 mm Hex	1	1	**4932363695**	4002395331789
22	600	530	11 mm Hex	1	1	**4932363702**	4002395331703
24	230	155	11 mm Hex	1	1	**4932373364**	4002395347896
24	460	385	11 mm Hex	1	1	**4932373370**	4002395348558
26	230	155	11 mm Hex	1	1	**4932373365**	4002395348503
26	460	385	11 mm Hex	1	1	**4932373371**	4002395348565
28	230	155	11 mm Hex	1	1	**4932373366**	4002395348510
28	460	385	11 mm Hex	1	1	**4932373372**	4002395348572
30	230	155	11 mm Hex	1	1	**4932373367**	4002395348527
30	460	385	11 mm Hex	1	1	**4932373373**	4002395348589
32	230	155	11 mm Hex	1	1	**4932373368**	4002395348534
32	460	385	11 mm Hex	1	1	**4932373374**	4002395348596
① **Wood auger bits set (6pc)** Ø 8 / 10 / 12 / 14 / 16 / 18 mm x 230 mm			Wood case	6	1	**4932373380**	4002395349258

Forstner bits

Centre point for precisely locating the bit. Peripheral cutters ensure splinter free drilling in all natural soft and hard woods.
Manufactured according to DIN 74836. Suitable for heavy-duty applications in all natural, soft and hard woods.





Diameter (mm)	Total length (mm) A	Working length (mm) B	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
10	90	50	9.5 mm round shank	1	1	**4932363703**	4002395331468
12	90	50	9.5 mm round shank	1	1	**4932363704**	4002395331475
14	90	50	9.5 mm round shank	1	1	**4932363705**	4002395331482
15	90	50	9.5 mm round shank	1	1	**4932363883**	4002395333738
16	90	50	9.5 mm round shank	1	1	**4932363706**	4002395331499
18	90	50	9.5 mm round shank	1	1	**4932363707**	4002395331505
20	90	50	9.5 mm round shank	1	1	**4932363708**	4002395331512
25	90	50	9.5 mm round shank	1	1	**4932363711**	4002395331543
26	90	50	9.5 mm round shank	1	1	**4932363712**	4002395331550
30	90	50	9.5 mm round shank	1	1	**4932363714**	4002395331574
32	90	50	9.5 mm round shank	1	1	**4932363715**	4002395331581
35	90	50	9.5 mm round shank	1	1	**4932363717**	4002395331604
40	90	50	9.5 mm round shank	1	1	**4932363720**	4002395331635
50	90	50	9.5 mm round shank	1	1	**4932363723**	4002395353538
① **Forstner drill bits set (5pc)** Ø 15 / 20 / 25 / 30 / 35 mm				5	1	**4932373379**	4002395349241

SWITCHBLADE™ selfeed bits

Speed: Aggressive feed screw design allows the bit to pull through the wood faster and without effort, resulting in faster drilling.
Replaceable SWITCHBLADE™: The SWITCHBLADE™ replaceable blade system ensures your blade is always razor sharp. It increases productivity by eliminating resharpening downtime and it increases the overall life of the bit.
Application: Suitable for all general contractors, electricians, plumbers and HVAC engineers who require to drill through holes in wood for all types of pipe, vents and wire trunking.
Each selfeed bit is supplied with 1x blade, 2x replaceable feed screws, 1x set screws and 1x allen key.



Diameter (mm)	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
35	7/16″ Hex	1	1	**4932479497**	4058546372910
38	7/16″ Hex	1	1	**4932479498**	4058546372927
51	7/16″ Hex	1	1	**4932479499**	4058546372934
54	7/16″ Hex	1	1	**4932479500**	4058546372941
57	7/16″ Hex	1	1	**4932479501**	4058546372958
65	7/16″ Hex	1	1	**4932479502**	4058546372965



SWITCHBLADE™ set

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
SWITCHBLADE™ selfeed bits set (5pc)				
4 x SWITCHBLADE™ selfeed bits: Ø 35 / 38 / 54 / 65 mm, QUIK-LOK extension 140 mm length, 4 x Replacement SWITCHBLADE™ blades (1 for each size bit), 4 x feed screws, 4 x set screws, 1 x allen key	5	1	**4932479503**	4058546372972



SWITCHBLADE™ replacement blades

Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
35	1	1	**4932479546**	4058546373405
38	1	1	**4932479547**	4058546373412
51	1	1	**4932479548**	4058546373429
54	1	1	**4932479549**	4058546373436
57	1	1	**4932479550**	4058546373443
65	1	1	**4932479551**	4058546373450
SWITCHBLADE™ service kit in storage container				
1x feed screw, 2x set screws, 1x allen key, 1x storage container also can store spare SWITCHBLADE™	5	1	**4932479552**	4058546373467



Selfeed bits

All sizes have removable and replaceable feed screws.
Two feed screws supplied with each bit.
Feed screw provides fast, effortless feeding even in gummy woods.
Internal cutting plane shaves hole radius for clean, smooth holes without pressure.
Each selfeed bit is supplied with 2 x feed screws, 1 x set screw and 1 x allen key.

Diameter (mm)	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
25	7/16″ Hex	1	1	**4932479478**	4058546372729
29	7/16″ Hex	1	1	**4932479479**	4058546372736
32	7/16″ Hex	1	1	**4932479480**	4058546372743
35	7/16″ Hex	1	1	**4932479481**	4058546372750
38	7/16″ Hex	1	1	**4932479482**	4058546372767
44	7/16″ Hex	1	1	**4932479483**	4058546372774
51	7/16″ Hex	1	1	**4932479484**	4058546372781
54	7/16″ Hex	1	1	**4932479485**	4058546372798
57	7/16″ Hex	1	1	**4932479486**	4058546372804
65	7/16″ Hex	1	1	**4932479487**	4058546372811
Feed screw coarse thread 1/4″		1	1	**48286870**	045242122707
Hex key 1/8″ for all arbors		1	1	**43960270**	045242825134
Set screw for drills up to 65 mm		1	1	**06832625**	-



Large selfeed bits

Large selfeed bits in 76, 92 and 116 mm sizes have double internal cutter blades that shave hole radius for clean, smooth holes without pressure.
Replaceable arbor.

Diameter (mm)	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
76	7/16″ Hex	1	1	**4932479489**	4058546372835
92	7/16″ Hex	1	1	**4932479490**	4058546372842
116	7/16″ Hex	1	1	**4932479491**	4058546372859
Replaceable arbor		1	1	**48070201**	045242088904
Feed screw regular thread		1	1	**48286880**	045242122806
Set screw for drills up over 76mm		1	1	**06833150**	4058546040864
Allen key 5/32″		1	1	**49960070**	045242221554



Selfeed bits contractors kit

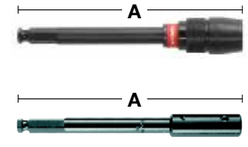
Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Selfeed bit contractors kit (8pc)				
Selfeed bits Ø 25 / 29 / 32 / 38 / 44 / 54 / 65 mm, extension 140 mm length and feed screws	8	1	**4932479488**	4058546372828



Shank extensions

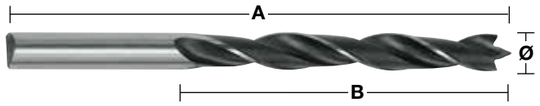
For selfeed bits, auger bits and holesaws (25 mm / 1″ diameter and larger) with 7/16″ Hex shank

Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
140	1	1	**4932479493**	4058546372873
300	1	1	**4932479494**	4058546372880
450	1	1	**4932479495**	4058546372897
600	1	1	**4932479496**	4058546372903



Lip & spur / brad point bits for wood - DIN 7487 E

Suitable for drilling hardboard, plywood, chipboard and all natural hard and soft wood.
Produced according to DIN 7487 E.



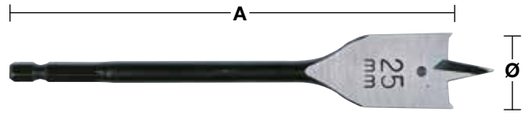
① 

② 

Diameter (mm)	Total length (mm) A	Working length (mm) B	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
3	61	33	3 mm round shank	1	1	**4932363651**	4002395331307
4	75	43	4 mm round shank	1	1	**4932363652**	4002395331314
5	86	52	5 mm round shank	1	1	**4932363653**	4002395331321
6	93	57	6 mm round shank	1	1	**4932363654**	4002395331338
7	109	69	7 mm round shank	1	1	**4932363655**	4002395331345
8	117	75	8 mm round shank	1	1	**4932363656**	4002395331352
9	125	80	9 mm round shank	1	1	**4932363657**	4002395331369
10	133	87	10 mm round shank	1	1	**4932363658**	4002395331376
11	142	89	10 mm round shank	1	1	**4932363659**	4002395331383
12	151	96	10 mm round shank	1	1	**4932363660**	4002395331390
13	151	96	10 mm round shank	1	1	**4932363661**	4002395331406
14	151	97	10 mm round shank	1	1	**4932363662**	4002395331413
15	151	97	10 mm round shank	1	1	**4932363663**	4002395331420
16	151	97	10 mm round shank	1	1	**4932363664**	4002395331437
18	180	120	10 mm round shank	1	1	**4932363665**	4002395331444
20	200	130	10 mm round shank	1	1	**4932363666**	4002395331451
① **Wood drill bit set (5pc)** Ø 4 / 5 / 6 / 8 / 10 mm			Plastic cassette	5	1	**4932352465**	4002395371242
② **Wood drill bit set (8pc)** Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			Plastic cassette	8	1	**4932352466**	4002395371259

Flat boring bits

Fast drilling of big diameters.
Suitable for drilling in natural hard and softwood and chipboard.
Ideal for door locks, mortising, electrical and plumbing work.
¼" Hex shank reception (DIN E 6.3) for direct insertion into the power tool or for secure chuck grip.
Ground centre point for accurate positioning and sharp wings (not applicable to 6 & 8 mm) for improved cutting performance.

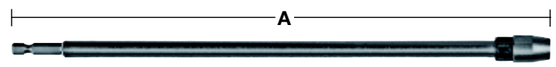




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Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
6	152	1	1	**4932352487**	4002395371457
6	400	1	1	**4932352488**	4002395371464
8	152	1	1	**4932363130**	4002395332618
8	400	1	1	**4932352489**	4002395371471
10	152	1	1	**4932363131**	4002395332625
10	400	1	1	**4932352490**	4002395371488
12	152	1	1	**4932363132**	4002395332632
12	400	1	1	**4932352491**	4002395371495
13	152	1	1	**4932363133**	4002395332649
13	400	1	1	**4932352492**	4002395371501
14	152	1	1	**4932363134**	4002395332656
14	400	1	1	**4932352493**	4002395371518
16	152	1	1	**4932363135**	4002395332663
16	400	1	1	**4932352494**	4002395371525
18	152	1	1	**4932363136**	4002395332670
18	400	1	1	**4932352495**	4002395371532
19	152	1	1	**4932363137**	4002395332687
19	400	1	1	**4932352496**	4002395371549
20	152	1	1	**4932363138**	4002395332694
20	400	1	1	**4932352497**	4002395371556
22	152	1	1	**4932363139**	4002395332700
22	400	1	1	**4932352498**	4002395371563
24	152	1	1	**4932363140**	4002395332717
25	152	1	1	**4932363141**	4002395332724
25	400	1	1	**4932352499**	4002395371570
26	152	1	1	**4932363142**	4002395332731
28	152	1	1	**4932363143**	4002395332748
28	400	1	1	**4932352500**	4002395371587
30	152	1	1	**4932363144**	4002395332755
30	400	1	1	**4932352501**	4002395371594
32	152	1	1	**4932363145**	4002395332762
32	400	1	1	**4932352502**	4002395371600
35	400	1	1	**4932352503**	4002395371617
36	152	1	1	**4932363146**	4002395332779
38	152	1	1	**4932363147**	4002395332786
40	152	1	1	**4932479227**	4058546370213
① **Flat bit set (8pc)** Ø 12 / 16 / 18 / 20 /22 / 25 /28 / 32 x 152 mm length		8	1	**4932352504**	4002395371624

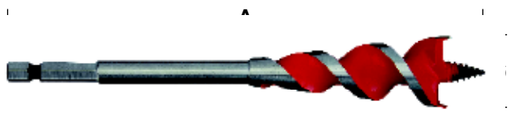
Extension



Description	Total length (mm) A	Shank reception	Tool reception	Pack quantity	Min. order quantity	Article Number	EAN Code
Extension	305	¼" Hex	¼" Hex	1	1	**4932363148**	4002395332793

SPEED FEED™ wood drill bits

Step up from flat bit in quality and performance - faster drilling, higher lifetime and less jamming!
Dual cutting edges for fast and aggressive cut - up to 10 times faster drilling vs. flat boring bit.
Tapered design for reduced chip clogging, less friction and less jamming even in tough applications - results in less breakages.
Feed screw with coarse thread increases selfeeding in all types of wood - soft & hard, wet & treated.
Polished and powder coated flute design for increased chip ejection, reduced clogging and higher selfeeding capability.



Diameter (mm)	Ø (inch)	Total length (mm) A	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
13	1/2"	165	1/4" Hex	1	1	**4932479471**	4058546372651
16	5/8"	165	1/4" Hex	1	1	**4932479472**	4058546372668
18	3/4"	165	1/4" Hex	1	1	**4932464071**	4058546220167
20	3/4"	165	1/4" Hex	1	1	**4932479473**	4058546372675
22	7/8"	165	1/4" Hex	1	1	**4932479474**	4058546372682
25	1"	165	1/4" Hex	1	1	**4932479475**	4058546372699
32	1 1/4"	165	1/4" Hex	1	1	**4932479476**	4058546372705
SPEED FEED™ set (4pc) Ø 13 / 16 / 20 / 25 mm				4	1	**4932479477**	4058546372712





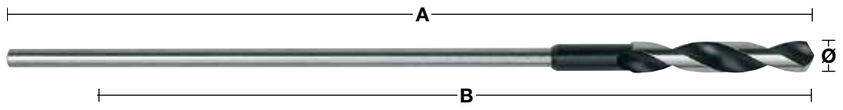
Dual cutting edges



Tapered design

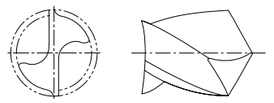
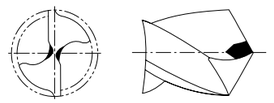
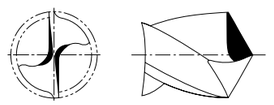
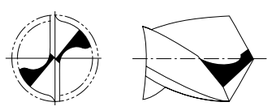
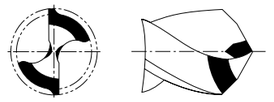
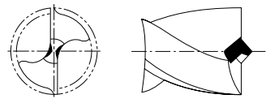
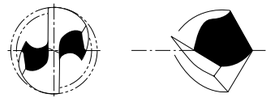
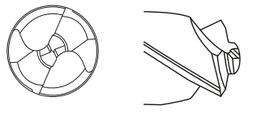
HSS cable bits - DIN 7490

Manufactured from HSS steel for increased lifetime. Suitable for drilling through holes in wood, plasterboard and metal channel.
Manufactured according to DIN 7490 and conforming to the German Employer´s Liability Insurance Association in terms of safety requirements for the building trade. The body of the drill bit is attached to the cylindrical shank by means of a thread, therefore eliminating the risk of breakage and guaranteeing absolute concentricity. The small twist angle and enlarged flutes ensure rapid and clog-free chip removal.
Made in Germany.



Diameter (mm)	Total length (mm) A	Working length (mm) B	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
6	400	300	5 mm round shank	1	1	**4932399672**	4002395363223
6	600	500	5 mm round shank	1	1	**4932399675**	4002395363254
8	400	300	6 mm round shank	1	1	**4932363667**	4002395331932
8	600	500	6 mm round shank	1	1	**4932363674**	4002395331864
10	400	300	8 mm round shank	1	1	**4932363668**	4002395331949
10	600	500	8 mm round shank	1	1	**4932363675**	4002395331871
12	400	300	8 mm round shank	1	1	**4932363669**	4002395331956
12	600	500	8 mm round shank	1	1	**4932363676**	4002395331888
14	400	300	8 mm round shank	1	1	**4932363670**	4002395331963
14	600	500	8 mm round shank	1	1	**4932363677**	4002395331895
16	400	300	10 mm round shank	1	1	**4932363671**	4002395331970
16	600	500	10 mm round shank	1	1	**4932363678**	4002395331901
18	400	300	10 mm round shank	1	1	**4932363672**	4002395331987
18	600	500	10 mm round shank	1	1	**4932363679**	4002395331918
20	400	300	10 mm round shank	1	1	**4932363673**	4002395331994
20	600	500	10 mm round shank	1	1	**4932363680**	4002395331925
22	400	300	10 mm round shank	1	1	**4932399673**	4002395363230
22	600	500	10 mm round shank	1	1	**4932399676**	4002395363261

HSS Drill bit tip geometry

	Standard / Form	Application	Features
	Normal Standard Point	For standard drilling in ferrous / non ferrous metals and plastics	The wide cutting edge provides a drill bit that is robust and resistant to sidewards pressure. Due to the wide cutting edge higher feed pressure is required. Can be easily resharpened.
	Chisel Edge Point DIN 1412 A	For drilling work in solid steel with large diameter drill bits.	Good and easy centering. Requires very low feed pressure – approx. 30% less than a normal point drill bit.
	Chisel Edge Point with corrected cutting edge DIN 1412 B	For drilling in high strength steel and high alloy steels. Also suitable for drilling thin sheet material.	Robust and resistant to sidewards pressure.
	Split Point DIN 1412 C	For drilling in high strength steel and high alloy steels. Suitable for deep drilling bits.	Excellent chip removal makes this design ideal for deep drilling applications. Good centering. Low feed pressure required.
	Double Angle Point for Cast Iron DIN 1412 D	For drilling cast iron.	Extended major cutting edges reduce wear on the cutting corners for improved lifetime. Good heat conduction. Resistant to sidewards pressure.
	Centre Point DIN 1412 E	For drilling thin sheet metal and soft materials.	Easy centering. Low feed pressure required. Does not snatch when drilling thin materials. Accurate and clean holes.
	U Point	For high performance drilling in high strength steels such as stainless and acid resistant steel.	Easy centering. Produces small metal chips ensuring low heat build up and quicker material resulting in faster drilling.
	Quad Edge Tip	For drilling in high strength steel and high alloy steel.	Easy centering and fast drilling start with 135° split point tip. Four cutting edges create smaller chips to prevent heat build up for longer life.

HSS Drill bit application guide

The following table gives recommended drilling speeds for the most efficient cutting speed.
The tables should only be used as a guide and are dependant on the user and material being drilled.
Coolants and lubricants will improve tool life by up to 5 times and workpiece finish.

					Hole diameter Ø mm – RPM					
Material class		**Material type**	**Hardness/ Tensile Strength N/mm²**	**Rockwell**	**Ø 1–2**	**Ø 3–5**	**Ø 6–10**	**Ø 11–15**	**Ø 16–20**	**Cooling agent**
Steel	**Speed**	Non-alloyed construction steel, non-alloyed case hardened steel	< 400	< HRB 69	4770	1870	930	630	470	Drilling emulsion, cutting oil
			400–800	< HRC 21	4450	1770	870	580	430	
		Sheet Steel	< 800	< HRC 21	4450	1760	860	560	430	Drilling emulsion, ester oil
		Non-alloyed tool steel	< 800	< HRC 21	4440	1760	860	560	430	Drilling emulsion, cutting oil
		Alloyed tool steel	< 800	< HRC 21	3950	1550	780	520	390	Drilling emulsion, ester oil
			> 800	> HRC 21	1950	800	390	275	200	
		Alloyed hardened & tempered steel	< 1200	< HRC 37	2100	890	450	300	210	Drilling emulsion, ester oil
			> 1200	> HRC 38	1350	540	260	170	120	
	Feed	Feed (mm/rev)			0.03	0.09	0.15	0.20	0.25	
Stainless steel	**Speed**	Stainless steel	< 1000	< HRC 30	2250	930	450	290	220	Rapeseed oil, cutting oil
		Stainless steel	1000–1200	HRC 30–37	1430	560	280	190	130	
	Feed	Feed (mm/rev)			0.02	0.06	0.13	0.18	0.24	
Cast iron	**Speed**	Malleable cast iron	750	HRB 99	4700	2000	1100	800	600	Dry
		Soft	450	HRB 75	4500	1700	950	650	550	Drilling emulsion, cutting oil
		Hard	700	HRB 96	3450	1350	680	440	340	
	Feed	Feed (mm/rev)			0.05	0.10	0.16	0.20	0.25	
Aluminium	**Speed**		< 350	< HRC 59	8700	3560	1720	1130	860	Drilling emulsion, cutting oil
	Feed	Feed (mm/rev)			0.02	0.08	0.13	0.18	0.23	
Copper	**Speed**				5100	2000	990	670	500	Drilling emulsion, cutting oil
	Feed	Feed (mm/rev)			0.02	0.10	0.20	0.28	0.35	
Bronze	**Speed**				7950	3190	1480	1010	770	Dry
	Feed	Feed (mm/rev)			0.02	0.11	0.21	0.32	0.35	
Brass	**Speed**				7950	3190	1480	1010	770	Drilling emulsion
	Feed	Feed (mm/rev)			0.02	0.11	0.21	0.32	0.35	
Magnesium	**Speed**				9550	3800	1900	1250	970	Dry
	Feed	Feed (mm/rev)			0.05	0.10	0.25	0.30	0.35	
Plastics	**Speed**	PVC, Polyamide, Thermoplastics			3500	2500	1800	700	450	Water
	Feed	Feed (mm/rev)			0.05	0.10	0.16	0.21	0.23	

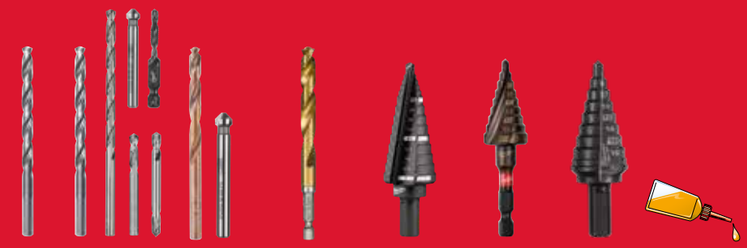
RPM: The number of revolutions that a spindle/a cutting tool completes in one minute.
Feed: This is the linear distance at which the cutter is advanced against the workpiece during one rotation of the cutting tool. It is expressed in units of distance per revolution – millimetres per revolution.

DRILL BITS FOR METAL

Which HSS drill bit for which material?

BEST PERFORMANCE

GOOD PERFORMANCE



MATERIAL CLASS	MATERIAL TYPE	HARDNESS/ TENSILE STRENGTH N/MM²	ROCKWELL	HSS-R DIN 338	HSS-G THUNDERWEB, DIN 338, DIN 340, DIN 1897 DOUBLE ENDED, HSS-G COUNTERSINKS, COMBI DRILL TAPS	RED COBALT – HSS-GROUND - DIN 338 AND COBALT COUNTERSINKS	RED HEX – SHOCKWAVE HSS-GROUND TITANIUM	STEP DRILLS	SHOCKWAVE STEP DRILLS	COBALT STEP DRILLS	COOLING AGENT
STEEL	NON-ALLOYED CONSTRUCTION STEEL, NON-ALLOYED CASE HARDENED STEEL	< 400	< HRB 69								DRILLING EMULSION, CUTTING OIL
		400–800	< HRC 21								
	SHEET STEEL	< 800	< HRC 21								DRILLING EMULSION, ESTER OIL
	NON-ALLOYED TOOL STEEL	< 800	< HRC 21								DRILLING EMULSION, CUTTING OIL
	ALLOYED TOOL STEEL	< 800	< HRC 21								DRILLING EMULSION, ESTER OIL
		> 800	> HRC 21								
	ALLOYED HARD-ENED & TEMPERED STEEL	< 1200	< HRC 37								DRILLING EMULSION, ESTER OIL
		> 1200	> HRC 38								
STAINLESS STEEL	STAINLESS STEEL	< 1000	< HRC 30								RAPESEED OIL, CUTTING OIL
	STAINLESS STEEL	1000–1200	HRC 30–37								
CAST IRON	MALLEABLE CAST IRON	750	HRB 99								DRY
	SOFT	450	HRB 75								DRILLING EMULSION, CUTTING OIL
	HARD	700	HRB 96								
ALUMINIUM		< 350	< HRC 59								DRILLING EMULSION, CUTTING OIL
COPPER											DRILLING EMULSION, CUTTING OIL
BRONZE											DRY
BRASS											DRILLING EMULSION
MAGNESIUM											DRY
PLASTICS	PVC, POLYAMIDE, THERMOPLASTICS										WATER
WOOD											DRY

HIGH PERFORMANCE DRILL BITS

RED HEX
SHOCKWAVE IMPACT DUTY™

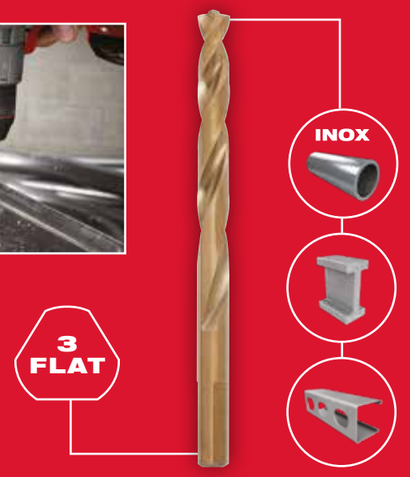
HSS-TIN METAL DRILL BITS





RED COBALT

HSS-CO METAL DRILL BITS





RED HEX & RED COBALT SPECIFICATIONS

QUAD EDGE™ TIP

- Unique combination of 135° split point and four cutting edges.
- Allows for precise and fast drilling start without walking.
- Four cutting edges create smaller chips to prevent heat build up to ensure longer life.

VARIABLE FLUTE GEOMETRY

- Faster material ejection.
- Helps the bit run cooler and prevent it from burning out faster.

ENHANCED TAPERED WEB

- Wider core towards the shank of the drill bit.
- Strengthens the core to increase overall flute durability.



Quad Edge™ Tip on sizes > Ø 4.5 mm. 3-Flat on HSS-Co sizes > Ø 5 mm.

SHOCKWAVE IMPACT DUTY™

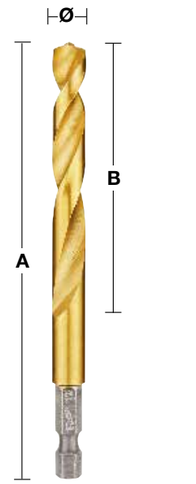
RED HEX

RED HEX - SHOCKWAVE™ HSS-TiN metal drill bits

Impact rated drill bit with 1/4" hex shank optimised for impact drivers.
Titanium Nitride coating dispenses heat and makes the drill bit suitable for use also in high speed.
QUAD EDGE™ Tip: unique combination of 135° split point and four cutting edges: 135° split point allows for precise & fast drilling start without walking. Four cutting edges create smaller chips to prevent heat build up for longer life.

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
2	59.5	17	2	1	**48894703**	045242501557
2.5	62	19	2	1	**48894704**	045242501564
3	65	23	2	1	**48894763**	045242506866
3.2	66.5	23	2	1	**48894706**	045242501571
3.3	67	24	2	1	**4932471089**	4058546287177
3.5	69	25	2	1	**48894707**	045242501588
4	71.5	26	2	1	**48894708**	045242501595
4.2	74	28	1	1	**48894709**	045242501601
4.5	76	29	1	1	**48894710**	045242501618
4.8	78	29	1	1	**48894711**	045242501625
5	80	31	1	1	**48894712**	045242501632
5.5	104	60	1	1	**48894764**	045242506873
6	105	63	1	1	**48894714**	045242501649
6.5	107	64	1	1	**48894715**	045242501656
6.8	108	65	1	1	**48894716**	045242501663
7	109	66	1	1	**48894717**	045242501670
7.5	110	67	1	1	**48894718**	045242501687
8	111	70	1	1	**48894719**	045242501694
8.5	114	72	1	1	**48894720**	045242501700
9	117	73	1	1	**48894721**	045242501717
9.5	118	74	1	1	**48894722**	045242501724
10	120	76	1	1	**48894723**	045242501731
10.2	121	77	1	1	**4932471090**	4058546287184
10.5	122	78	1	1	**48894724**	045242501748
11	125	80	1	1	**48894725**	045242501755
11.5	126	81	1	1	**48894726**	045242501762
12	127	82	1	1	**48894727**	045242501779
12.5	128	83	1	1	**48894728**	045242501786
13	130	83	1	1	**48894729**	045242501793
① **SHOCKWAVE™ HSS-G TiN Red Hex drill bits set (10pc)** Ø 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10 mm			10	1	**4932493865**	4058546510251
② **Shockwave HSS-G TiN Red Hex Set CB (19pc)** Ø 2 / 2.5 / 2 x 3 / 3.5 / 2 x 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm			19	1	**4932499763**	4058546569273
Shockwave HSS-G Tin Red Hex Set (25pc) Ø 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 4.8 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13mm			25	1	**4932500420**	4058546617226





DESIGNED FOR USE IN PACKOUT™

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Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
2.5	62	19	10	1	**4932478175**	4058546341084
3.0	65	23	10	1	**4932478176**	4058546341091
3.5	69	25	10	1	**4932478177**	4058546341107
4.0	71.5	26	10	1	**4932478178**	4058546341114
4.5	76	29	10	1	**4932478179**	4058546341121
5.0	80	31	10	1	**4932478180**	4058546341138
6.0	105	63	10	1	**4932478181**	4058546341145
7.0	109	66	5	1	**4932478182**	4058546341152
8.0	111	70	5	1	**4932478183**	4058546341169
10.0	120	76	5	1	**4932478184**	4058546341176
10.5	122	39	5	1	**4932500414**	4058546617165
11	125	40.5	5	1	**4932500415**	4058546617172
11.5	126	41	5	1	**4932500416**	4058546617189
12	127	41.5	5	1	**4932500417**	4058546617196
12.5	128	41.5	5	1	**4932500418**	4058546617202
13	130	42.5	5	1	**4932500419**	4058546617219

RED COBALT - HSS-Ground - DIN 338
Cobalt metal drill bits

Metal drill bits ground from solid, extremely heat resistant 5% cobalt-alloyed high speed steel produced according to DIN 338.

Suitable for drilling high alloy content steels and metals with tensile strengths over 1000 N/mm² like stainless steel.

QUAD EDGE™ Tip: unique combination of 135° split point and four cutting edges: 135° split point allows for precise & fast drilling start without walking. Four cutting edges create smaller chips to prevent heat build up for longer life.

Variable flute geometry: For faster material ejection. Helps the bit run cooler and prevent it from burning out faster.

Enhanced tapered web: Wider core towards the shank of the drill bit. Strengthens the core to increase overall flute durability.

3-flat shank from Ø 5 mm for better grip and prevents chuck slippage.

Colour: bronze.

RED COBALT







Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0	34	12	2	1	**4932363248**	4002395333080
1.5	40	18	2	1	**4932363249**	4002395333097
2.0	49	24	2	1	**4932363250**	4002395333103
2.5	57	30	2	1	**4932363251**	4002395333110
3.0	61	33	2	1	**4932363253**	4002395333134
3.2	65	36	2	1	**4932363254**	4002395333141
3.3	67	37	2	1	**4932471140**	4058546287689
3.5	70	39	2	1	**4932363256**	4002395333165
4.0	75	43	2	1	**4932363258**	4002395333189
4.2	75	43	1	1	**4932363260**	4002395333202
4.5	80	47	1	1	**4932363262**	4002395333226
4.8	86	52	1	1	**4932363263**	4002395333233
5.0	86	52	1	1	**4932363264**	4002395333240
5.5	93	57	1	1	**4932363267**	4002395333271
6.0	93	57	1	1	**4932363268**	4002395333288
6.5	101	63	1	1	**4932363269**	4002395333295
6.8	109	69	1	1	**4932363270**	4002395333301
7.0	109	69	1	1	**4932363271**	4002395333318
7.5	109	69	1	1	**4932363272**	4002395333325
8.0	117	75	1	1	**4932363274**	4002395333349
8.5	117	75	1	1	**4932363276**	4002395333363
9.0	125	81	1	1	**4932363277**	4002395333370
9.5	125	81	1	1	**4932363278**	4002395333387
10.0	133	87	1	1	**4932363279**	4002395333394
10.2	133	87	1	1	**4932471141**	4058546287696
10.5	133	87	1	1	**4932363281**	4002395333417
11.0	142	94	1	1	**4932363282**	4002395333424
11.5	142	94	1	1	**4932363283**	4002395333431
12.0	151	101	1	1	**4932363284**	4002395333448
12.5	151	101	1	1	**4932363285**	4002395333455
13.0	151	101	1	1	**4932363286**	4002395333462
① **RED COBALT HSS-Ground set (8pc)** Ø3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			8	1	**4932499256**	4058546564209
② **RED COBALT HSS-Ground set (19pc)** Ø1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm			19	1	**4932499764**	4058546569280
③ **RED COBALT HSS-Ground set (25pc)** Ø1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 /6 / 6.5 /7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm			25	1	**4932499765**	4058546569297

DESIGNED FOR USE IN PACKOUT™

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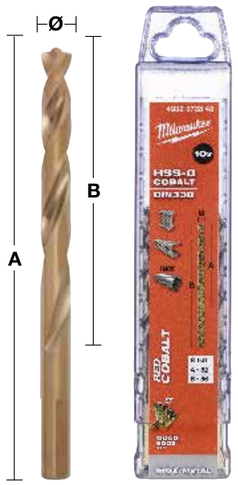
RED COBALT - HSS-Ground - DIN 338
Cobalt metal drill bits - 5 and 10 pack

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
6.8	109	69	5	1	**4932373347**	4002395347124
7.0	109	69	5	1	**4932373348**	4002395347131
7.5	109	69	5	1	**4932373349**	4002395347148
8.0	117	75	5	1	**4932373350**	4002395347155
8.5	117	75	5	1	**4932373351**	4002395347162
9.0	125	81	5	1	**4932373352**	4002395347179
9.5	125	81	5	1	**4932373353**	4002395347186
10.0	133	87	5	1	**4932373354**	4002395347193
10.2	133	87	5	1	**4932471143**	4058546287719
10.5	133	87	5	1	**4932373355**	4002395347803
11.0	142	94	5	1	**4932373356**	4002395347810
11.5	142	94	5	1	**4932373357**	4002395347827
12.0	151	101	5	1	**4932373358**	4002395347834
12.5	151	101	5	1	**4932373359**	4002395347841
13.0	151	101	5	1	**4932373360**	4002395347858
1.0	34	12	10	1	**4932373332**	4002395349173
1.5	40	18	10	1	**4932373333**	4002395349180
2.0	49	24	10	1	**4932373334**	4002395349197
2.5	57	30	10	1	**4932373335**	4002395349807
3.0	61	33	10	1	**4932373336**	4002395349814
3.2	65	36	10	1	**4932373337**	4002395349821
3.3	67	37	10	1	**4932471142**	4058546287702
3.5	70	39	10	1	**4932373338**	4002395349838
4.0	75	43	10	1	**4932373339**	4002395349845
4.2	75	43	10	1	**4932373340**	4002395349852
4.5	80	47	10	1	**4932373341**	4002395349869
4.8	86	52	10	1	**4932373342**	4002395349876
5.0	86	52	10	1	**4932373343**	4002395349883
5.5	93	57	10	1	**4932373344**	4002395349890
6.0	93	57	10	1	**4932373345**	4002395347100
6.5	101	63	10	1	**4932373346**	4002395347117

RED COBALT







Countersinks-HSS

According to DIN 335C / 90° angle.
Cutting edges: 3
Deburring and countersinking in one go according to DIN74/75.
Cutting geometry optimised for easy centering, good chip removal and low vibrations.
Best lifetime is achieved when used with lubricant.
Suitable for steel < 900 N/mm², aluminium and plastics.

Diameter (mm)	Screw size	Shank diameter (mm)	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
6.3	M3	5	45	1	1	**4932493969**	4058546511296
8.3	M4	6	50	1	1	**4932493970**	4058546511302
10.4	M5	6	50	1	1	**4932493971**	4058546511319
12.4	M6	8	56	1	1	**4932493972**	4058546511326
16.5	M8	10	60	1	1	**4932493973**	4058546511333
20.5	M10	10	63	1	1	**4932493974**	4058546511340
Countersink set HSS - 6 pc				6	1	**4932493574**	4058546484453



Countersinks-HSS Cobalt

According to DIN 335C / 90° angle.
Cutting edges: 3
Deburring and countersinking in one go according to DIN74/75.
Cutting geometry optimised for easy centering, good chip removal and low vibrations.
Up to 50% longer lifetime vs. standard HSS countersinks. Requires less feedforce.
Best lifetime is achieved when used with lubricant.
Suitable for steel and stainless steel < 1100 N/mm², cast iron, aluminium and plastics.

Diameter (mm)	Screw size	Shank diameter (mm)	Total length A (m)	Pack quantity	Min. order quantity	Article Number	EAN Code
6.3	M3	5	45	1	1	**4932493975**	4058546511357
8.3	M4	6	50	1	1	**4932493976**	4058546511364
10.4	M5	6	50	1	1	**4932493977**	4058546511371
12.4	M6	8	56	1	1	**4932493978**	4058546511388
16.5	M8	10	60	1	1	**4932493979**	4058546511395
20.5	M10	10	63	1	1	**4932493980**	4058546511401
Countersink set HSS Co - 6 pc				6	1	**4932493575**	4058546484460



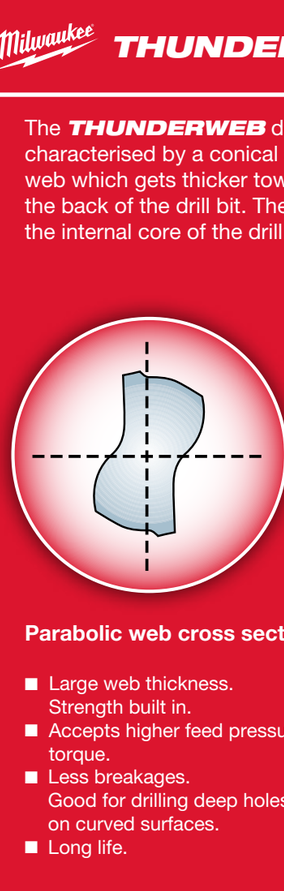
Material Quality	HSS	HSS Cobalt
Steel (N/mm²) < 900	✔	✔
Steel (N/mm²) < 1300	♦	✔
Stainless Steel		✔
Aluminium	✔	✔
Cast Iron	♦	✔
Plastics	✔	

THUNDERWEB

Metal drill bits HSS Ground - DIN 338

THUNDERWEB

The ***THUNDERWEB*** design is characterised by a conical shaped web which gets thicker towards the back of the drill bit. The web is the internal core of the drill bit.



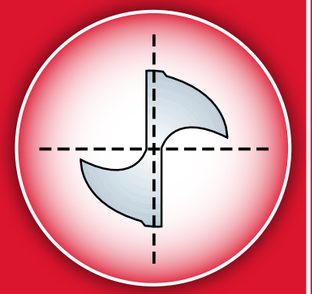
Parabolic web cross section

- Large web thickness. Strength built in.
- Accepts higher feed pressure and torque.
- Less breakages. Good for drilling deep holes and on curved surfaces.
- Long life.

VS

Standard drill bit

The web on standard drill bits is a constant thickness throughout the length of the bit.



Conventional type web cross section

THUNDERWEB SPECIFICATION

FLUTE GEOMETRY

– ***THUNDERWEB*** flute form ejects hot chips rapidly. Dissepates heat better increasing lifetime.
– Open flute form reduces drill drawback when drilling deeper holes.
– Sharpened edges reduce binding for faster cleaner cuts.
– Flatter twist angle creates smaller chippings, ideal for drilling harder steels ie. stainless steel.

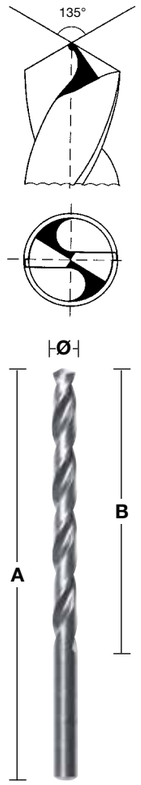
135° SPLIT POINT

– Precision starting, drill bit won't walk.
– Penetrates quickly.
– Good for drilling on curved surfaces.
– Requires less effort/feed pressure.
– Excellent for very hard materials.



THUNDERWEB - HSS-Ground metal drill bits - DIN338

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0	34	12	2	1	**4932352345**	4002395370047
1.5	40	18	2	1	**4932352346**	4002395370054
2.0	49	24	2	1	**4932352347**	4002395370061
2.5	57	30	2	1	**4932352348**	4002395370078
3.0	61	33	2	1	**4932352349**	4002395370085
3.2	65	36	2	1	**4932352350**	4002395370092
3.5	70	39	2	1	**4932352351**	4002395370108
4.0	75	43	2	1	**4932352352**	4002395370115
4.2	75	43	1	1	**4932352353**	4002395370122
4.5	80	47	1	1	**4932352354**	4002395370139
4.8	86	52	1	1	**4932352355**	4002395370146
5.0	86	52	1	1	**4932352356**	4002395370153
5.5	93	57	1	1	**4932352357**	4002395370160
6.0	93	57	1	1	**4932352358**	4002395370177
6.5	101	63	1	1	**4932352359**	4002395370184
6.8	109	69	1	1	**4932352360**	4002395370191
7.0	109	69	1	1	**4932352361**	4002395370207
7.5	109	69	1	1	**4932352362**	4002395370214
8.0	117	75	1	1	**4932352363**	4002395370221
8.5	117	75	1	1	**4932352364**	4002395370238
9.0	125	81	1	1	**4932352365**	4002395370245
9.5	125	81	1	1	**4932352366**	4002395370252
10.0	133	87	1	1	**4932352367**	4002395370269
10.5	133	87	1	1	**4932352368**	4002395370276
11.0	142	94	1	1	**4932352369**	4002395370283
11.5	142	94	1	1	**4932352370**	4002395370290
12.0	151	101	1	1	**4932352371**	4002395370306
12.5	151	101	1	1	**4932352372**	4002395370313
13.0	151	101	1	1	**4932352373**	4002395370320
13.5	152	57	1	1	**4932500400**	4058546617028
14	152	57	1	1	**4932500401**	4058546617035
14.5	152	57	1	1	**4932500402**	4058546617042
15.0	152	57	1	1	**4932500403**	4058546617059
15.5	152	57	1	1	**4932500404**	4058546617066
16.0	152	57	1	1	**4932500405**	4058546617073
16.5	152	57	1	1	**4932500406**	4058546617080
17.0	152	57	1	1	**4932500407**	4058546617097
17.5	152	57	1	1	**4932500408**	4058546617103
18.0	152	57	1	1	**4932500409**	4058546617110
18.5	152	57	1	1	**4932500410**	4058546617127
19.0	152	57	1	1	**4932500411**	4058546617134
19.5	152	57	1	1	**4932500412**	4058546617141
20.0	152	57	1	1	**4932500413**	4058546617158
Thunderweb HSS-Ground set CB (19pc)						
① Ø1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm			19	1	**4932499766**	4058546569303
Thunderweb HSS-Ground set CB (25pc)						
② Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 /6 / 6.5 /7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm			25	1	**4932499767**	4058546569310



THUNDERWEB - DIN 338 - 5 and 10 pack

Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1	34	12	10	1	**4932352377**	4002395370368
1.1	36	14	10	1	**4932459826**	4058546029982
1.2	38	16	10	1	**4932459827**	4058546029999
1.3	38	16	10	1	**4932459828**	4058546030001
1.4	40	18	10	1	**4932459829**	4058546030018
1.5	40	18	10	1	**4932352378**	4002395370375
1.6	43	20	10	1	**4932459830**	4058546030025
1.7	43	20	10	1	**4932459831**	4058546030032
1.8	46	22	10	1	**4932459832**	4058546030049
1.9	46	22	10	1	**4932459833**	4058546030056
2	49	24	10	1	**4932352379**	4002395370382
2.1	49	24	10	1	**4932459834**	4058546030063
2.2	53	27	10	1	**4932459835**	4058546030070
2.3	53	27	10	1	**4932459836**	4058546030087
2.4	57	30	10	1	**4932430569**	4002395382309
2.5	57	30	10	1	**4932352380**	4002395370399
2.6	57	30	10	1	**4932459837**	4058546030094
2.7	61	33	10	1	**4932459838**	4058546030100
2.8	61	33	10	1	**4932459839**	4058546030117
2.9	61	33	10	1	**4932459840**	4058546030124
3	61	33	10	1	**4932352381**	4002395370405
3.1	65	36	10	1	**4932459841**	4058546030131
3.2	65	36	10	1	**4932352382**	4002395370412
3.3	65	36	10	1	**4932459842**	4058546030148
3.4	70	39	10	1	**4932459843**	4058546030155



THUNDERWEB - DIN 338 - 5 and 10 pack



Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3.5	70	39	10	1	**4932352383**	4002395370429
3.6	70	39	10	1	**4932459844**	4058546030162
3.7	70	39	10	1	**4932459845**	4058546030179
3.8	75	43	10	1	**4932430547**	4002395382088
3.9	75	43	10	1	**4932459846**	4058546030186
4	75	43	10	1	**4932352384**	4002395370436
4.1	75	43	10	1	**4932459847**	4058546030193
4.2	75	43	10	1	**4932352385**	4002395370443
4.3	80	47	10	1	**4932459848**	4058546030209
4.4	80	47	10	1	**4932459849**	4058546030216
4.5	80	47	10	1	**4932352386**	4002395370450
4.6	80	47	10	1	**4932459850**	4058546030223
4.7	80	47	10	1	**4932459851**	4058546030230
4.8	86	52	10	1	**4932352387**	4002395370467
4.9	86	52	10	1	**4932459852**	4058546030247
5	86	52	10	1	**4932352388**	4002395370474
5.1	86	52	10	1	**4932459853**	4058546030254
5.2	86	52	10	1	**4932430548**	4002395382095
5.3	86	52	10	1	**4932459854**	4058546030261
5.4	93	57	10	1	**4932459855**	4058546030278
5.5	93	57	10	1	**4932352389**	4002395370481
5.6	93	57	10	1	**4932430570**	4002395382316
5.7	93	57	10	1	**4932459856**	4058546030285
5.8	93	57	10	1	**4932430549**	4002395382101
5.9	93	57	10	1	**4932459857**	4058546030292
6	93	57	10	1	**4932352390**	4002395370498
6.1	101	63	10	1	**4932459858**	4058546030308
6.2	101	63	10	1	**4932430550**	4002395382118
6.3	101	63	10	1	**4932459859**	4058546030315
6.4	101	63	10	1	**4932430571**	4002395382323
6.5	101	63	10	1	**4932352391**	4002395370504
6.6	101	63	5	1	**4932459860**	4058546030322
6.7	101	63	5	1	**4932459861**	4058546030339
6.8	109	69	5	1	**4932352392**	4002395370511
6.9	109	69	5	1	**4932459862**	4058546030346
7	109	69	5	1	**4932352393**	4002395370528
7.1	109	69	5	1	**4932459863**	4058546030353
7.2	109	69	5	1	**4932430551**	4002395382125
7.3	109	69	5	1	**4932459864**	4058546030360
7.4	109	69	5	1	**4932459865**	4058546030377
7.5	109	69	5	1	**4932352394**	4002395370535
7.6	117	75	5	1	**4932459866**	4058546030384
7.7	117	75	5	1	**4932459867**	4058546030391
7.8	117	75	5	1	**4932459868**	4058546030407
7.9	117	75	5	1	**4932459869**	4058546030414
8	117	75	5	1	**4932352395**	4002395370542
8.1	117	75	5	1	**4932459870**	4058546030421
8.2	117	75	5	1	**4932430552**	4002395382132
8.3	117	75	5	1	**4932459871**	4058546030438
8.4	117	75	5	1	**4932430553**	4002395382149
8.5	117	75	5	1	**4932352396**	4002395370559
8.6	125	81	5	1	**4932459872**	4058546030445
8.7	125	81	5	1	**4932459873**	4058546030452
8.8	125	81	5	1	**4932459874**	4058546030469
8.9	125	81	5	1	**4932459875**	4058546030476
9	125	81	5	1	**4932352397**	4002395370566
9.1	125	81	5	1	**4932459876**	4058546030483
9.2	125	81	5	1	**4932459877**	4058546030490
9.3	125	81	5	1	**4932459878**	4058546030506
9.4	125	81	5	1	**4932459879**	4058546030513
9.5	125	81	5	1	**4932352398**	4002395370573
9.6	133	87	5	1	**4932459880**	4058546030520
9.7	133	87	5	1	**4932459881**	4058546030537
9.8	133	87	5	1	**4932459882**	4058546030544
9.9	133	87	5	1	**4932459883**	4058546030551

THUNDERWEB - DIN 338 - 5 and 10 pack



Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
10	133	87	5	1	**4932352399**	4002395370580
10.5	133	87	5	1	**4932352400**	4002395370597
11	142	94	5	1	**4932352401**	4002395370603
11.5	142	94	5	1	**4932352402**	4002395370610
12	151	101	5	1	**4932352403**	4002395370627
12.5	151	101	5	1	**4932352404**	4002395370634
13	151	101	5	1	**4932352405**	4002395370641

THUNDERWEB - DIN 338 - cassettes

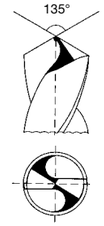
DESIGNED FOR USE IN PACKOUT™

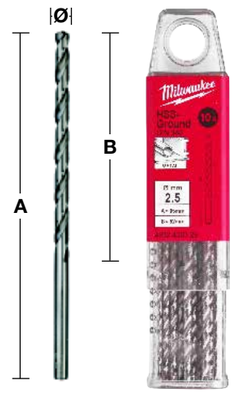


Description	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
THUNDERWEB HSS-G set (19pc) Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm	Plastic cassette	19	1	**4932499766**	4058546569303
THUNDERWEB HSS-G set (25pc) Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 /6 / 6.5 /7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm	Plastic cassette	25	1	**4932499767**	4058546569310

HSS-G metal drill bits - long - DIN 340 - 5 and 10 pack

High quality high speed steel.
Split point DIN 1412 C.
Right hand cutting edge.
135° angle for improved centering.
Most suitable for drilling deep holes in channels or where there are hollow sections.
Suitable for drilling steel, cast iron, alloyed and non alloyed material up to 900 N/mm².
Also suitable for wood and plastics.

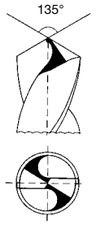


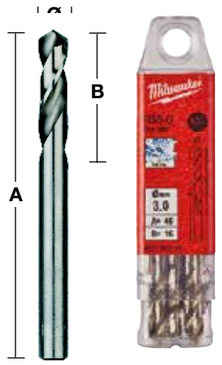


Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
2.0	85	56	10	1	**4932430328**	4002395379897
2.5	95	62	10	1	**4932430329**	4002395379903
3.0	100	66	10	1	**4932430330**	4002395379910
3.5	112	73	10	1	**4932430331**	4002395379927
4.0	119	78	10	1	**4932430332**	4002395379934
4.5	126	82	10	1	**4932430333**	4002395379941
5.0	132	87	10	1	**4932430334**	4002395379958
5.5	139	91	10	1	**4932430335**	4002395379965
6.0	139	91	10	1	**4932430336**	4002395379972
6.5	148	97	10	1	**4932430337**	4002395379989
7.0	156	102	10	1	**4932430338**	4002395379996
8.0	165	109	10	1	**4932430339**	4002395380008
9.0	175	115	10	1	**4932430340**	4002395380015
10.0	184	121	10	1	**4932430341**	4002395380022
11.0	195	128	5	1	**4932430342**	4002395380039
12.0	205	134	5	1	**4932430343**	4002395380046
13.0	205	134	5	1	**4932430344**	4002395380053

HSS-G metal drill bits - short - DIN 1897 - 5 and 10 pack

Drill bit quality: High quality high speed steel.
Tip geometry: Split Point DIN 1412 C.
Point angle: 135°. Tolerance: h8.
Flute / Helix angle: Type N flute and normal 20 - 30° angle.
Right hand cutting edge. Surface / Colour: Polished silver.
Withstands high drill point pressure due to short overall length.
Excellent concentricity. Polished type N flute with right hand cutting edge, eliminates binding for faster chip removal and faster cutting with less effort.
Application: Most suited for drilling sheet and thin walled materials.
Suitable for drilling in sheet steel, thin alloyed and non-alloyed material up to 900 N/mm².
Also suitable for wood and plastics.

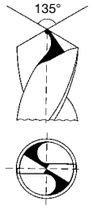


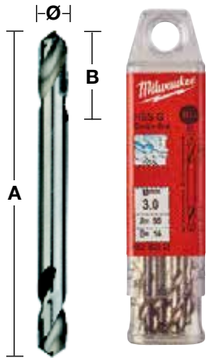


Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
2.0	38	12	10	1	**4932352200**	4002395368532
2.5	43	14	10	1	**4932352201**	4002395368549
3.0	46	16	10	1	**4932352202**	4002395368556
3.2	49	18	10	1	**4932352203**	4002395368563
3.3	49	18	10	1	**4932352204**	4002395368570
3.5	52	20	10	1	**4932352205**	4002395368587
3.7	52	20	10	1	**4932352206**	4002395368594
4.0	55	22	10	1	**4932352207**	4002395368600
4.2	55	22	10	1	**4932352208**	4002395368617
4.5	58	24	10	1	**4932352209**	4002395368624
4.8	62	26	10	1	**4932352210**	4002395368631
5.0	62	26	10	1	**4932352211**	4002395368648
5.2	62	26	10	1	**4932352212**	4002395368655
5.5	66	28	10	1	**4932352213**	4002395368662
6.0	66	28	10	1	**4932352214**	4002395368679
6.5	70	31	10	1	**4932352215**	4002395368686
7.0	74	34	5	1	**4932352216**	4002395368693
7.5	74	34	5	1	**4932352217**	4002395368709
8.0	79	37	5	1	**4932352218**	4002395368716
8.5	79	37	5	1	**4932352219**	4002395368723
9.0	84	40	5	1	**4932352220**	4002395368730
10.0	89	43	5	1	**4932352221**	4002395368747

HSS-G metal drill bits - double ended - 10 pack

Drill bit quality: High quality high speed steel. Tip geometry: Split Point DIN 1412 C. Point angle: 135°
Tolerance: h8. Flute / Helix angle: Type N flute and normal 20 - 30° angle.
Right hand cutting edge. Surface / Colour: Polished silver.
Split point tip for good centering. Both ends can be used.
Due to its short length it can be used with higher feed pressure without the risk of breakage.
Excellent concentricity. Polished type N flute with right hand cutting edge, eliminates binding for faster chip removal and faster cutting with less effort.
Application: Suitable drilling in steel, non-ferrous metals and plastic. Most suitable for thin sheet materials e.g. rivet holes.

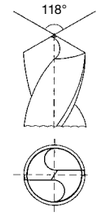


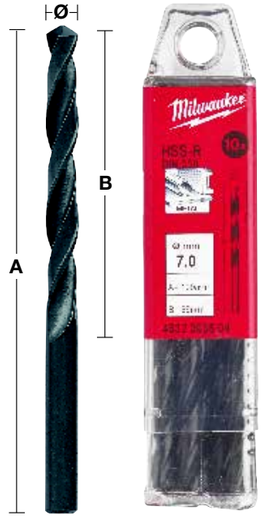


Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
2.5	43	10	10	1	**4932352222**	4002395368754
3.0	46	11	10	1	**4932352223**	4002395368761
3.2	49	12	10	1	**4932352224**	4002395368778
3.3	49	12	10	1	**4932352225**	4002395368785
3.5	52	14	10	1	**4932352226**	4002395368792
4.0	55	14	10	1	**4932352227**	4002395368808
4.1	55	14	10	1	**4932352228**	4002395368815
4.2	55	14	10	1	**4932352229**	4002395368822
4.5	58	16	10	1	**4932352230**	4002395368839
4.8	62	18	10	1	**4932352231**	4002395368846
5.0	62	18	10	1	**4932352232**	4002395368853
5.5	66	19	10	1	**4932352233**	4002395368860
6.0	66	19	10	1	**4932352234**	4002395368877

Metal drill bits HSS rollforged - DIN 338 - 5 and 10 pack

High speed steel rollforged metal drill bits produced according to DIN 338.
Oxide coating enables quick swarf removal. Normal point shaped cutting tip with 118° angle.
Type N flute normal angle.
Suitable for drilling in steel, cast iron, alloyed and non-alloyed material up to 800 N/mm².
Colour: black.





Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0	34	12	10	1	**4932363444**	4002395329458
1.5	40	18	10	1	**4932363449**	4002395329502
2.0	49	24	10	1	**4932363454**	4002395329557
2.5	57	30	10	1	**4932363459**	4002395329601
3.0	61	33	10	1	**4932363464**	4002395329656
3.2	65	36	10	1	**4932363466**	4002395329670
3.5	70	39	10	1	**4932363469**	4002395329700
4.0	75	43	10	1	**4932363474**	4002395329755
4.2	75	43	10	1	**4932363476**	4002395329779
4.5	80	47	10	1	**4932363479**	4002395329809
4.8	86	52	10	1	**4932363482**	4002395329830
5.0	86	52	10	1	**4932363484**	4002395329854
5.5	93	57	10	1	**4932363489**	4002395329908
6.0	93	57	10	1	**4932363494**	4002395329953
6.5	101	63	10	1	**4932363499**	4002395330003
6.8	109	69	10	1	**4932363502**	4002395330034
7.0	109	69	10	1	**4932363504**	4002395330058
7.5	109	69	10	1	**4932363509**	4002395330102
8.0	117	75	10	1	**4932363514**	4002395330157
8.5	117	75	10	1	**4932363519**	4002395330201
9.0	125	81	10	1	**4932363524**	4002395330256
9.5	125	81	10	1	**4932363529**	4002395330300
10.0	133	87	10	1	**4932363534**	4002395330355
10.5	133	87	5	1	**4932363539**	4002395330409
11.0	142	94	5	1	**4932363544**	4002395330454
11.5	142	94	5	1	**4932363549**	4002395330508
12.0	151	101	5	1	**4932363554**	4002395330553
12.5	151	101	5	1	**4932363559**	4002395330607
13.0	151	101	5	1	**4932363564**	4002395330652

Metal drill bits HSS rollforged - DIN 338 - cassettes



	Description	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
	HSS-R drill bits set (19pc)					
①	Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm	Metal case	19	1	**4932352468**	4002395371273
	HSS-R drill bits set (25pc)					
②	Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5/ 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 10.5 / 11 / 11.5 / 12 / 12.5 / 13 mm	Metal case	25	1	**4932352469**	4002395371280

Metal drill bits HSS Rollforged - DIN 338 with reduced shank

High speed steel rollforged metal drill bits produced according to DIN 338.
Oxide coating enables quick swarf removal.
Normal point shaped cutting tip with 118° angle.
Type N flute normal angle.
Suitable for drilling in steel, cast iron, alloyed and non-alloyed material up to 800 N/mm².
Colour: black.

Ø 13.5 mm - Ø 16 mm = 10 mm shank / Ø 16.5 mm - Ø 20 mm = 13 mm shank.



Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
13.5	160	108	1	1	**4932373318**	4002395348435
14.0	160	108	1	1	**4932373319**	4002395348442
14.5	169	108	1	1	**4932373320**	4002395348459
15.0	169	114	1	1	**4932373321**	4002395348466
15.5	178	120	1	1	**4932373322**	4002395348473
16.0	178	120	1	1	**4932373323**	4002395348480
16.5	184	125	1	1	**4932373324**	4002395348497
17.0	184	125	1	1	**4932373325**	4002395349104
17.5	191	130	1	1	**4932373326**	4002395349111
18.0	191	130	1	1	**4932373327**	4002395349128
18.5	198	135	1	1	**4932373328**	4002395349135
19.0	198	135	1	1	**4932373329**	4002395349142
19.5	205	140	1	1	**4932373330**	4002395349159
20.0	205	140	1	1	**4932373331**	4002395349166

Metal drill bits HSS rollforged - DIN 338 - 345 pc cabinet

Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
Metal drill bit cabinet with HSS rollforged metal drill bits (345pc)			345	1	**4932352674**	4002395373321
1.0	34	12	20			
1.5	40	18	20			
2	49	24	20			
2.5	57	30	20			
3	61	33	20			
3.5	70	39	20			
4	75	43	20			
4.5	80	47	20			
5	86	52	20			
5.5	93	57	20			
6	93	57	20			
6.5	101	63	20			
7	109	69	10			
7.5	109	69	10			
8	117	75	20			
8.5	117	75	10			
9	125	81	10			
9.5	125	81	5			
10	133	87	10			
10.5	133	87	5			
11	142	94	5			
11.5	142	94	5			
12	151	101	5			
12.5	151	101	5			
13	151	101	5			



HSS G Combi Drill Tap

3 in 1 combination HSS-G drill bit: drilling, threading and deburring in one single operation.
Suitable for use with battery powered or corded drills.
Reception: ¼" hex, E6.3.
Impact rated : suitable for use with cordless impact drivers when keeping to recommended drilling speed.
Thread type: metric ISO-thread DIN 13.
Suitable for drilling in plastics, sheet steel and non-alloyed material up to 800 N/mm².
Always use a suitable cutting oil.

Length (mm)	Screw size	Pack quantity	Min. order quantity	Article Number	EAN Code
52	M3	1	1	**4932498261**	4058546521301
52	M4	1	1	**4932498262**	4058546521318
57	M5	1	1	**4932498263**	4058546521325
57	M6	1	1	**4932498264**	4058546521332
57	M8	1	1	**4932498265**	4058546521349
58	M10	1	1	**4932498266**	4058546521356
1/4" HSS-G Combi Drill Tap Set - 6 pc		6	1	**4932498267**	4058546521363
M3, M4, M5, M6, M8, M10					





COBALT STEP DRILLS



New Aluminum Chromium Nitride (AlCrN) coating for 10x more life vs. MILWAUKEE® standard step drill. For steel and stainless steel.

MATERIALS:

STEEL	COPPER	BRASS	ALUMINIUM	STAINLESS STEEL	PLASTIC

1. RAPID STRIKE TIP™: Accurate start without walking and fast drilling without the need to pre-drill the material.
2. Optimised 2 flute ground sharpened edge geometry for 2 x faster and smoother cutting.
3. Special tip and step geometry for jam-free performance - less risk of drill snagging when used with high speed cordless tools and also prevents deformation of the drilled material.
4. Produced from custom engineered steel with black oxide coating for 4 x longer life.
5. Laser engraved size markings for best long term visibility.
6. Each step is relief ground to drill and deburr automatically.
7. With 3 flat secure grip to prevent step drill from slipping in the chuck and ensure maximum transmission of torque.



TRADES:

ELECTRICAL	PLUMBING, MECHANICAL ENGINEERING & HVAC	CARPENTRY & JOINERY	AUTOMOTIVE & TRANSPORTATION	MAINTENANCE & OPERATIONS
Drilling of panels and cabinets for cable gland installation	Access holes for pipework and installation	Various sizes and hole enlargement	Holes for cable installation	Various applications, sizes and hole enlargement

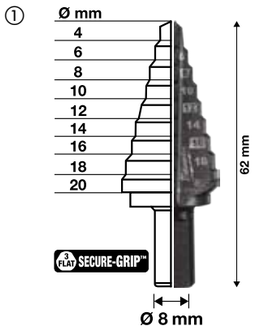
Cobalt ALCrN step drills

NEW

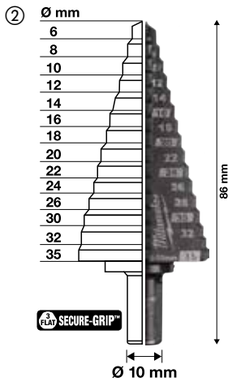
New Aluminium Chromium Nitride (AlCrN) coating for 10x more life vs. MILWAUKEE® standard step drill.
For steel and stainless steel.
RAPID STRIKE TIP™: Accurate start without walking and fast drilling without the need to pre-drill the material.
Special tip and step geometry for jam-free performance - less risk of drill snagging when used with cordless tools and also prevents deformation of the drilled material.
Optimised 2 flute ground sharpened edge geometry for 2 x faster and smoother cutting.
With 3 flat secure grip to prevent step drill from slipping in the chuck and ensure maximum transmission of torque.
Laser engraved size markings for best long term visibility.

	Description	Shank diameter (mm)	Overall length (mm)	No. of steps	Pack quantity	Min. order quantity	Article Number	EAN Code
①	4 - 20 mm	8	62	10	1	1	**48899372**	045242603862
②	6 - 35 mm	10	86	16	1	1	**48899395**	045242567676
③	M6 - M32	10	90	14	1	1	**48899380**	045242567652
④	**Cobalt Step Drill Set (2pc)** Includes 2 cobalt step drill bits: 4 - 20 mm, 6 - 35 mm				2	1	**48899398**	045242529216

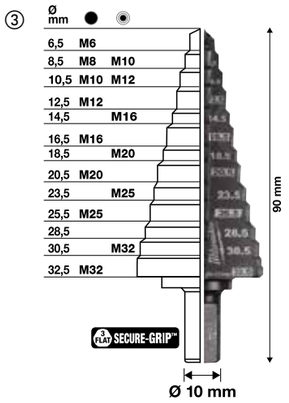
①



②



③



④



SHOCKWAVE IMPACT DUTY™

SHOCKWAVE™ IMPACT DUTY step drills

SHOCKWAVE™ Impact Duty step drills are designed to deliver best-in-class performance in impact drivers and also the versatility to be used in drill drivers.

The 1/4“ Hex shank with an optimised SHOCKZONE™ ensures maximum durability by preventing early shank breaks.

New Titanium Aluminium Nitride coating helps to reduce heat generation for 5x more life.

RAPID STRIKE TIP™: Accurate start without walking and fast drilling without the need to pre-drill the material.

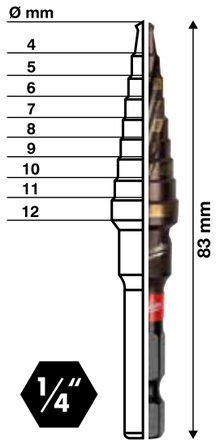
Dual spiral flute design: Optimised for impact driver speed and for smooth, jam-free drilling.

Laser engraved markings: Do not wear away with time.

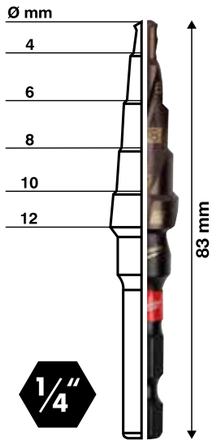


	Description	Shank diameter (mm)	Overall length (mm)	No. of steps	Pack quantity	Min. order quantity	Article Number	EAN Code
①	4 - 12 mm / 1″	1/4″ Hex	83	9	1	1	**48899261**	045242505166
②	4 - 12 mm / 2″	1/4″ Hex	83	5	1	1	**48899262**	045242505173
③	4 - 20 mm	1/4″ Hex	83	9	1	1	**48899263**	045242505180
④	4 - 30 mm	1/4″ Hex	95	12	1	1	**48899265**	045242505203
⑤	**SHOCKWAVE™ Impact Duty step drill set (3pc)** Includes 3 SHOCKWAVE™ step drill bits: 4 - 12 mm/1, 4 - 20 mm, 4 - 30 mm				3	1	**48899266**	045242505210

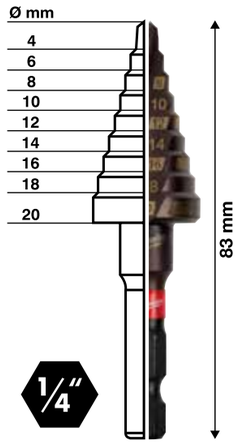
① Ø mm: 4, 5, 6, 7, 8, 9, 10, 11, 12 — 83 mm — 1/4″



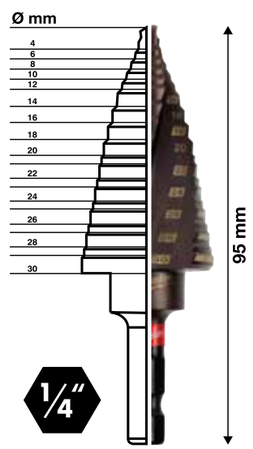
② Ø mm: 4, 6, 8, 10, 12 — 83 mm — 1/4″



③ Ø mm: 4, 6, 8, 10, 12, 14, 16, 18, 20 — 83 mm — 1/4″



④ Ø mm: 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 — 95 mm — 1/4″



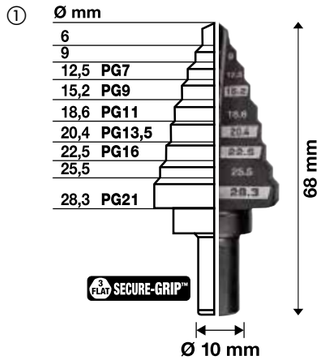
⑤



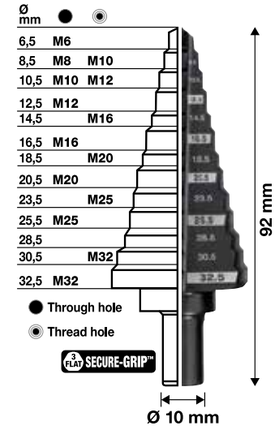
Step drills

	Description	Shank diameter (mm)	Overall length (mm)	No. of steps	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PG7 - PG21	10	68	9	1	1	**48899321**	045242364060
②	M6 - M32	10	92	13	1	1	**48899332**	045242344437
③	4 - 12 mm / 1	6	65	9	1	1	**48899301**	045242342532
④	4 - 20 mm	8	65	9	1	1	**48899320**	045242344406
⑤	6 - 35 mm	10	90	14	1	1	**48899335**	045242344413
⑥	6 - 40.5 mm	10	90	17	1	1	**48899340**	045242547777
⑦	**Step drill set (3pc)** Includes 3 step drill bits: 4 - 12 mm/1, 4 - 20 mm, 6 - 35 mm				3	1	**48899399**	045242344420
⑧	**Step & drill bit combo set (10pc)** Includes 2 x step drill bits: 4 - 12 mm/1, 4 - 20 mm. THUNDERWEB metal drill bits: 2 x 2 mm, 2 x 3 mm, 2 x 4 mm, 1 x 5 mm, 1 x 6mm				10	1	**4932501119**	4058546624217

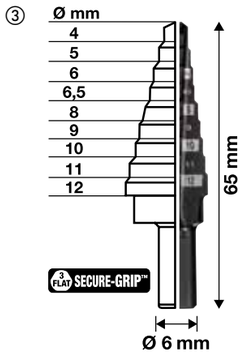
① Ø mm: 6, 9, 12,5 PG7, 15,2 PG9, 18,6 PG11, 20,4 PG13,5, 22,5 PG16, 25,5, 28,3 PG21 — 68 mm — Ø 10 mm — 3 FLAT SECURE-GRIP™



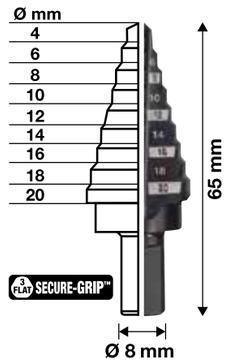
② Ø mm: 6,5 M6; 8,5 M8 M10; 10,5 M10 M12; 12,5 M12; 14,5 M16; 16,5 M16; 18,5 M20; 20,5 M20; 23,5 M25; 25,5 M25; 28,5; 30,5 M32; 32,5 M32 — Through hole — Thread hole — 92 mm — Ø 10 mm — 3 FLAT SECURE-GRIP™



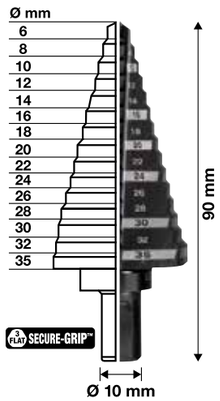
③ Ø mm: 4, 5, 6, 6,5, 8, 9, 10, 11, 12 — 65 mm — Ø 6 mm — 3 FLAT SECURE-GRIP™



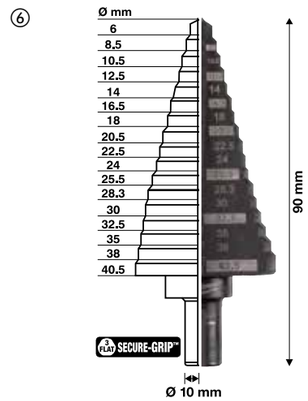
④ Ø mm: 4, 6, 8, 10, 12, 14, 16, 18, 20 — 65 mm — Ø 8 mm — 3 FLAT SECURE-GRIP™



⑤ Ø mm: 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 35 — 90 mm — Ø 10 mm — 3 FLAT SECURE-GRIP™



⑥ Ø mm: 6, 8,5, 10,5, 12,5, 14, 16,5, 18, 20,5, 22,5, 24, 25,5, 28,3, 30, 32,5, 35, 38, 40,5 — 90 mm — Ø 10 mm — 3 FLAT SECURE-GRIP™



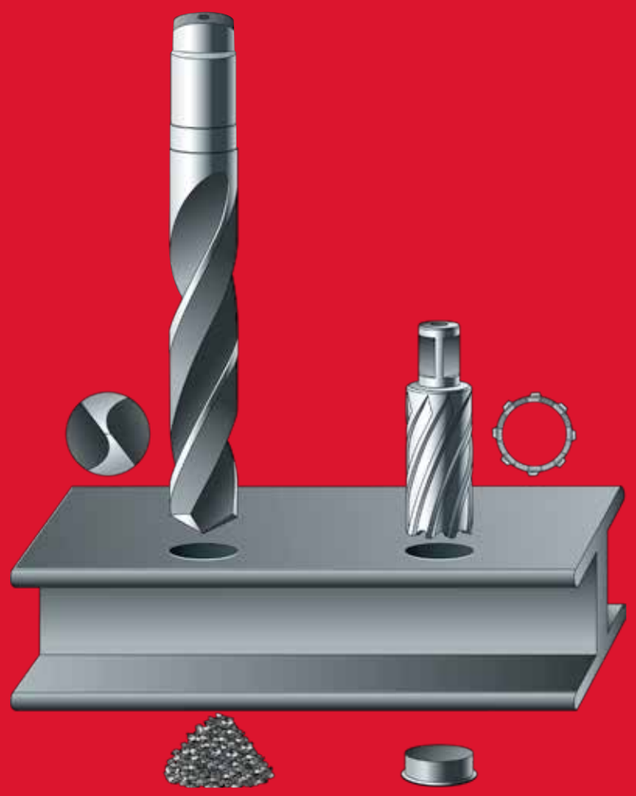
⑦



⑧



Magnetic Drilling



100% Faster

Speed and time savings are achieved due to the following factors. Firstly the annular cutter principle of only cutting material from the periphery of the hole as opposed to the twist drill which must cut the complete diameter of the hole. Secondly the benefit of two aggressive sharp angles per cutting edge help to achieve faster feed rates and lower cutting resistance.

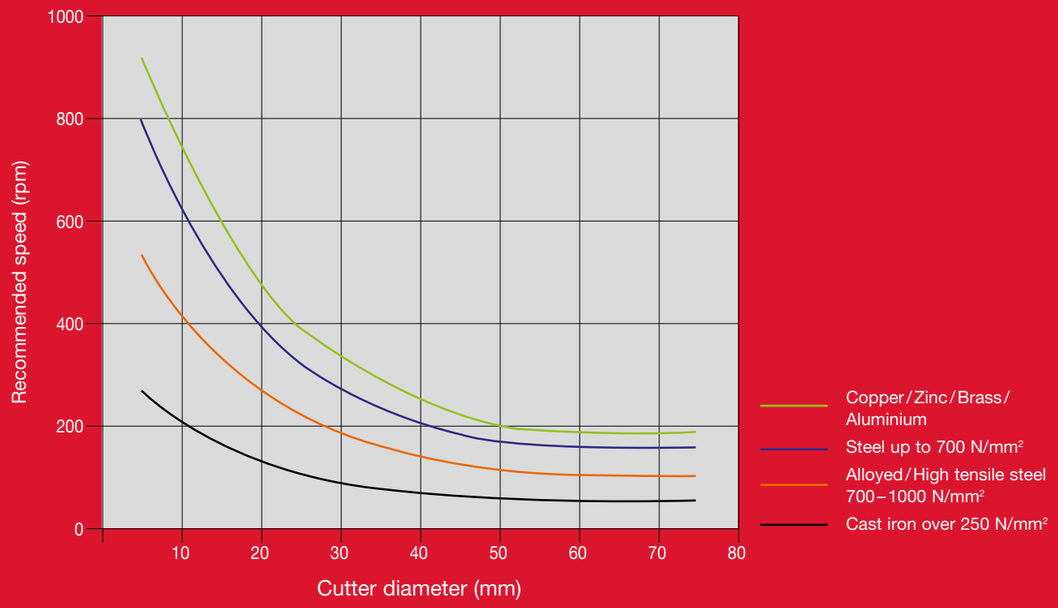
30% More productivity

Because the annular cutter is only cutting material from the periphery of the hole. Less motor energy and driving power is required. The larger the drill diameter the greater the energy saving.

Longer lifetime

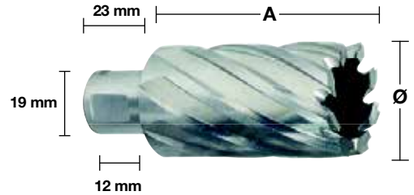
The annular cutters cutting edges do less work than the twist drill resulting in more holes between sharpening. Thick 6 mm body together with special tooth geometry ensures high stability and reduces to a minimum the risik of breakage due to overloading.

Speed chart



HSS annular cutters 30 mm

Thick walled HSS annular cutters for increased durability and life time.
With standard 19 mm Weldon reception.





30 mm

Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
12	30	1	1	**4932371740**	4002395344161
13	30	1	1	**4932371741**	4002395344178
14	30	1	1	**4932343270**	4002395315130
15	30	1	1	**4932343271**	4002395315147
16	30	1	1	**4932343272**	4002395315154
17	30	1	1	**4932343273**	4002395315161
18	30	1	1	**4932343274**	4002395315178
19	30	1	1	**4932343275**	4002395315185
20	30	1	1	**4932343276**	4002395315192
21	30	1	1	**4932343277**	4002395315208
22	30	1	1	**4932343278**	4002395315215
23	30	1	1	**4932343279**	4002395315222
24	30	1	1	**4932343280**	4002395315239
25	30	1	1	**4932343281**	4002395315246
26	30	1	1	**4932343282**	4002395315253
27	30	1	1	**4932343283**	4002395315260
28	30	1	1	**4932343284**	4002395315277
29	30	1	1	**4932343285**	4002395315284
30	30	1	1	**4932343286**	4002395315291
31	30	1	1	**4932343287**	4002395315307
32	30	1	1	**4932343288**	4002395315314
33	30	1	1	**4932371742**	4002395344185
34	30	1	1	**4932371743**	4002395344192
35	30	1	1	**4932371744**	4002395344208
36	30	1	1	**4932371745**	4002395344215
37	30	1	1	**4932371746**	4002395344222
38	30	1	1	**4932371747**	4002395344239
39	30	1	1	**4932371748**	4002395344246
40	30	1	1	**4932371749**	4002395344253
41	30	1	1	**4932371750**	4002395344260
42	30	1	1	**4932371751**	4002395344277
43	30	1	1	**4932371752**	4002395344284
44	30	1	1	**4932371753**	4002395344291
45	30	1	1	**4932371754**	4002395344307
46	30	1	1	**4932371755**	4002395344314
47	30	1	1	**4932371756**	4002395344321
48	30	1	1	**4932371757**	4002395344338
49	30	1	1	**4932371758**	4002395344345
50	30	1	1	**4932371759**	4002395344352

50 mm

Diameter (mm)	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
14	50	1	1	**4932343289**	4002395315352
15	50	1	1	**4932343290**	4002395315369
16	50	1	1	**4932343291**	4002395315376
17	50	1	1	**4932343292**	4002395315383
18	50	1	1	**4932343293**	4002395315390
19	50	1	1	**4932343294**	4002395315406
20	50	1	1	**4932343295**	4002395315413
21	50	1	1	**4932343296**	4002395315420
22	50	1	1	**4932343297**	4002395315437
23	50	1	1	**4932343298**	4002395315444
24	50	1	1	**4932343299**	4002395315451
25	50	1	1	**4932343300**	4002395315468
26	50	1	1	**4932343301**	4002395315475
27	50	1	1	**4932343302**	4002395315482
28	50	1	1	**4932343303**	4002395315499
29	50	1	1	**4932343304**	4002395315505
30	50	1	1	**4932343305**	4002395315512
31	50	1	1	**4932343306**	4002395315529
32	50	1	1	**4932343307**	4002395315536
33	50	1	1	**4932371760**	4002395344369
34	50	1	1	**4932371761**	4002395344376
35	50	1	1	**4932371762**	4002395344383
36	50	1	1	**4932371763**	4002395344390
37	50	1	1	**4932371764**	4002395344406
38	50	1	1	**4932371765**	4002395344413
39	50	1	1	**4932371766**	4002395344420
40	50	1	1	**4932371767**	4002395344437
41	50	1	1	**4932371768**	4002395344444
42	50	1	1	**4932371769**	4002395344451
43	50	1	1	**4932371770**	4002395344468
44	50	1	1	**4932371771**	4002395344475
45	50	1	1	**4932371772**	4002395344482
46	50	1	1	**4932371773**	4002395344499
47	50	1	1	**4932371774**	4002395344505
48	50	1	1	**4932371775**	4002395344512
49	50	1	1	**4932371776**	4002395344529
50	50	1	1	**4932371777**	4002395344536

Description	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
Ejector pin for 30 mm cutters for all diameters		1	1	**4932343308**	4002395315321
Ejector pin for 50 mm cutters for all diameters		1	1	**4932343309**	4002395315543
Telescopic ejector pin for 30 mm cutters from 15mm		2	1	**49590011**	045242364039
Telescopic ejector pin for 50 mm cutters from 15mm		2	1	**49590012**	045242364046
HSS annular cutter set (6pc)					
① 6 x HSS annular cutters: Ø 14 / 16 / 18 / 20 / 22 / 24 mm - 19 mm Weldon reception. 1 x ejector pin short series - 30 mm	Plastic case	6	1	**4932372533**	4002395345236



MILWAUKEE® HOLESAW RANGE

If you're cutting or boring holes, look no further than our range of holesaws and the HOLEDOZER™ product line.













HOLE DOZER™

The MILWAUKEE® HOLE DOZER™ is the jobsite workhorse that provides unstoppable durability through the most demanding applications.

Multiple leverage points to remove material out of the holesaw for faster plug removal.

- **Deepest access for thick plugs**
- **Higher access for thin material**
- **Minimises downtime between cuts**
- **New coating allows less friction and increases drilling speed**

PLUG JACK™



RIP GUARD™

A 3.5 teeth per inch tooth design with a positive 10° tooth angle provides the following benefits:

- **Faster and more aggressive cut.**
- **Improved heat dispersion during cutting ensures that the teeth stay sharper for longer.**
- **Deeper curved gullets provide more efficient chip clearance preventing clogging and heat build up.**
- **Special shaped tooth angle has less tendency to snag on thinner materials.**

This high quality holesaw range is the perfect solution for cutting all types of materials: - Steel up to 1000 N/mm² strength - Stainless steel and acid resistant steel - Non-ferrous metals - Cast iron - Aluminium - Wood - Medium density fibreboard (MDF) - Gypsum plasterboard - Sandwich materials - PVC.

HOLE DOZER™ bi-metal holesaws

Diameter (mm)	Ø (inch)	Max. cutting depth (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
14	9/16	41	1	1	**49560002**	045242271061
16	5/8	41	1	1	**49560012**	045242192922
17	11/16	41	1	1	**49560014**	045242193639
19	3/4	41	1	1	**49560023**	045242192632
20	25/32	41	1	1	**49560024**	045242271016
21	13/16	41	1	1	**49560027**	045242192649
22	7/8	41	1	1	**49560032**	045242192878
24	15/16	41	1	1	**49560037**	045242192885
25	1	41	1	1	**49560043**	045242192526
27	1 1/16	41	1	1	**49560047**	045242192892
29	1 1/8	41	1	1	**49560052**	045242192939
30	1 3/16	41	1	1	**49560057**	045242192946
32	1 1/4	41	1	1	**49560062**	045242192977
33	1 5/16	41	1	1	**49560067**	045242192984
35	1 3/8	41	1	1	**49560072**	045242192991
37	1 7/16	41	1	1	**49560077**	045242193028
38	1 1/2	41	1	1	**49560082**	045242193035
40	1 9/16	41	1	1	**49560087**	045242193042
41	1 5/8	41	1	1	**49560092**	045242193073
43	1 11/16	41	1	1	**49560097**	045242193080
44	1 3/4	41	1	1	**49560102**	045242193097
46	1 13/16	41	1	1	**49560107**	045242193127
48	1 7/8	41	1	1	**49560112**	045242193134
50	1 24/25	41	1	1	**49560113**	045242271023
51	2	41	1	1	**49560117**	045242193141
52	2 1/16	41	1	1	**49560122**	045242193172
54	2 1/8	41	1	1	**49560127**	045242193189
56	4/6	41	1	1	**49560129**	045242504664
57	2 1/4	41	1	1	**49560132**	045242193196
59	2 5/16	41	1	1	**49560137**	045242193226
60	2 3/8	41	1	1	**49560142**	045242193233
64	2 1/2	41	1	1	**49560147**	045242193240
65	2 9/16	41	1	1	**49560153**	045242193271
67	2 5/8	41	1	1	**49560158**	045242193288
68	2 11/16	41	1	1	**49560159**	045242271030
70	2 3/4	41	1	1	**49560163**	045242193295
73	2 7/8	41	1	1	**49560167**	045242193325
76	3	41	1	1	**49560173**	045242193332
79	3 1/8	41	1	1	**49560177**	045242193349
83	3 1/4	41	1	1	**49560183**	045242193370
86	3 3/8	41	1	1	**49560187**	045242193387
89	3 1/2	41	1	1	**49560193**	045242193394
92	3 5/8	41	1	1	**49560197**	045242193431
95	3 3/4	41	1	1	**49560203**	045242193448
98	3 7/8	41	1	1	**49560207**	045242193479
102	4	41	1	1	**49560213**	045242193486
105	4 1/8	41	1	1	**49560217**	045242193493
108	4 1/4	41	1	1	**49560223**	045242193523
111	4 3/8	41	1	1	**49560227**	045242193530
114	4 1/2	41	1	1	**49560233**	045242193547
117	4 5/8	41	1	1	**49560239**	045242587285
121	4 3/4	41	1	1	**49560237**	045242193578
127	5	41	1	1	**49560243**	045242193585
133	5 1/4	41	1	1	**49560244**	045242271078
140	5 1/2	41	1	1	**49560247**	045242193592
152	6	41	1	1	**49560253**	045242193622
160	6 5/16	38	1	1	**4932399885**	4002395365395
168	6 5/8	38	1	1	**4932399886**	4002395365401
177	6 31/32	38	1	1	**4932399887**	4002395365418
200	7 7/8	38	1	1	**4932399888**	4002395365425
210	8 9/32	38	1	1	**4932399889**	4002395365432







HOLE DOZER™ bi-metal holesaws - bulk packs

Diameter (mm)	Ø (inch)	Max. cutting depth (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
19	3/4	41	1	25	**49565090**	045242176199
20	25/32	41	1	25	**49565091**	045242528943
22	7/8	41	1	25	**49565100**	045242156375
25	1	41	1	25	**49565110**	045242156382
29	1 1/8	41	1	25	**49565120**	045242156399
30	1 3/16	41	1	25	**49565125**	045242243976
32	1 1/4	41	1	25	**49565130**	045242156412
35	1 3/8	41	1	25	**49565140**	045242156429
38	1 1/2	41	1	25	**49565150**	045242156436
41	1 5/8	41	1	25	**49565152**	045242176229
44	1 3/4	41	1	25	**49565155**	045242176267
51	2	41	1	25	**49565160**	045242156443
54	2 1/8	41	1	25	**49565165**	045242176366
57	2 1/4	41	1	25	**49565167**	045242176373
60	2 3/8	41	1	25	**49565169**	045242528950
64	2 1/2	41	1	25	**49565170**	045242156467
67	2 5/8	41	1	16	**49565175**	045242176380
68	2 11/16	41	1	16	**49565178**	045242528967
76	3	41	1	16	**49565180**	045242176397
89	3 1/2	41	1	9	**49565190**	045242176403
92	3 5/8	41	1	9	**49565195**	045242176410
102	4	41	1	9	**49565200**	045242176427
105	4 1/8	41	1	9	**49565205**	045242176434







HOLE DOZER™ bi-metal holesaws - sets

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	Hole Dozer™ holesaw set (7pc)				
①	5 x holesaws: Ø 19, 22, 25, 29, 32 mm. Arbor for Ø 14 - 30 mm holesaws. Spacer and adaptor. 1/8" allen key	7	1	**49224083**	045242310760
	Hole Dozer™ holesaw set (10pc)				
②	6 x holesaws: Ø 25, 32, 40, 54, 68, 76 mm. Arbor for Ø 14 - 30 mm holesaws. Arbor for Ø 32 - 152 mm holesaws. 2 x pilot drill bits. 1/8" allen key	10	1	**49224201**	045242348091
	Hole Dozer™ holesaw set (14pc)				
③	10 x holesaws: Ø 19, 22, 25, 29, 32, 35, 38, 44, 51, 57 mm. Arbor for Ø 14 - 30 mm holesaws. Arbor for Ø 32 - 152 mm holesaws. 2 x pilot drill bits. 1/8" allen key	14	1	**49224152**	045242271047
	Hole Dozer™ holesaw set (17pc)				
④	13 x holesaws: Ø 20, 22, 25, 32, 40, 44, 51, 57, 64, 65, 67, 68, 76 mm. Arbor for Ø 14 - 30 mm holesaws. Arbor for Ø 32 - 152 mm holesaws. 2 x pilot drill bits. 1/8" allen key	17	1	**49224102**	045242271054
	Kit box for holesaws				
⑤	Arbor with pilot drill bit (4932479465). Arbor with pilot drill bit (4932479467). 2 x Pilot drill bits. 1/8" allen key (49960060)	4	1	**4932430327**	4002395379880
	Hole Dozer™ PACKOUT™ holesaw set (12pc)				
⑥	10 x holesaws: Ø 20, 25, 32, 35, 40, 44, 51, 54, 68, 76 mm. Arbor for Ø 14 - 30 mm holesaws. Arbor for Ø 32 - 152 mm holesaws. 1/8" allen key	12	1	**4932472248**	4058546338947
	Hole Dozer™ Quik Lok™ holesaw set (9pc)				
⑦	6 x holesaws: Ø 25, 32, 40, 54, 68, 76 mm. Quik Lok™ arbor inc. pilot drill. 1 x small adaptors, 2 x large adaptors, 3 x XL two pin adaptors. 1 x pilot drill bits, 1/8" hex key.	9	1	**49224771**	045242405244
	Hole Dozer™ Quik Lok™ holesaw set (13pc)				
⑧	10 x holesaws: Ø 19, 22, 25, 29, 32, 35, 38, 44, 51, 57 mm. Quik Lok™ arbor inc. pilot drill. 4 x small adaptors, 5 x large adaptors, 1 x XL two pin adaptors. 1 x pilot drill bit, 1/8" hex key.	13	1	**49224772**	045242405251

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HOLE DOZER™ carbide holesaws

Up to 10x more life, high heat and wear resistance compared to Bi-Metal holesaws.
3 Tpi aggressive tooth geometry with large gullets for improved material removal.
Offset teeth for less resistance.
PLUG JACK™ slot geometry provides deep access to remove thick plugs and high leverage for thin materials.
Application areas: metalworking (stainless steel, high alloy steels, aluminium) and composites (plastics, sandwich material, computer flooring, fibreglass, plastic coated wood boards, nail embedded wood).

HOLE DOZER™ CARBIDE TEETH

Diameter (mm)	Ø (inch)	Max. cutting depth (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
19	3/4	41	1	1	**49560702**	045242503971
22	7/8	41	1	1	**49560704**	045242503995
25	1	41	1	1	**49560707**	045242504008
27	1 1/16	41	1	1	**49560807**	045242594764
29	1 1/8	41	1	1	**49560708**	045242504015
32	1 1/4	41	1	1	**49560710**	045242504022
33	1 5/16	41	1	1	**49560711**	045242630790
35	1 3/8	41	1	1	**49560712**	045242504039
38	1 1/2	41	1	1	**49560713**	045242504053
41	1 5/8	41	1	1	**49560714**	045242594771
44	1 3/4	41	1	1	**49560717**	045242504107
48	1 7/8	41	1	1	**49560719**	045242504114
51	2	41	1	1	**49560720**	045242504145
54	2 1/8	41	1	1	**49560722**	045242504152
57	2 1/4	41	1	1	**49560724**	045242504169
60	2 3/8	41	1	1	**49560726**	045242504176
64	2 1/2	41	1	1	**49560727**	045242504183
65	2 9/16	41	1	1	**49560728**	045242594788
67	2 5/8	41	1	1	**49560729**	045242504190
68	2 11/16	41	1	1	**49560730**	045242594795
70	2 3/4	41	1	1	**49560731**	045242504206
76	3	41	1	1	**49560734**	045242504220
79	3 1/8	41	1	1	**49560735**	045242603831
83	3 1/4	41	1	1	**49560736**	045242504237
86	3 3/8	41	1	1	**49560737**	045242594801
89	3 1/2	41	1	1	**49560738**	045242504244
92	3 5/8	41	1	1	**49560739**	045242504251
102	4	41	1	1	**49560742**	045242504275
108	4 1/4	41	1	1	**49560744**	045242504282
114	4 1/2	41	1	1	**49560746**	045242504299
121	4 3/4	41	1	1	**49560847**	045242594849
127	5	41	1	1	**49560748**	045242504305
140	5 1/2	41	1	1	**49560848**	045242594856
152	6	41	1	1	**49560749**	045242504312
Carbide Hole Dozer™ set (9pc)			9	1	**49223079**	045242533039

5 x carbide holesaws: Ø 22, 29, 35, 51, 64 mm. Arbor for Ø 14 - 30 mm (4932479465). Arbor for Ø 32 - 152 mm (4932479467). 2 x HSS-Cobalt pilot drill bits. 1/8" allen key









Bi-Metal contractor holesaws

Optimised variable 4-6 tooth geometry for faster cutting and universal use.
Bi-Metal teeth for best durability and increased wear resistance.
For universal use: steel, non ferrous metals, wood, drywall plasterboard, plastics.

Diameter (mm)	Ø (inch)	Max. cutting depth (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
14	9/16	38	1	1	**4932464671**	4058546226169
16	5/8	38	1	1	**4932464672**	4058546226176
19	3/4	38	1	1	**4932464673**	4058546226183
20	25/32	38	1	1	**4932464674**	4058546226190
21	13/16	38	1	1	**4932464675**	4058546226206
22	7/8	38	1	1	**4932464676**	4058546226213
24	15/16	38	1	1	**4932464677**	4058546226220
25	1	38	1	1	**4932464678**	4058546226237
27	1 1/16	38	1	1	**4932464679**	4058546226244
29	1 1/8	38	1	1	**4932464680**	4058546226251
30	1 3/16	38	1	1	**4932464681**	4058546226268
32	1 1/4	38	1	1	**4932464682**	4058546226275
35	1 3/8	38	1	1	**4932464683**	4058546226282
38	1 1/2	38	1	1	**4932464684**	4058546226299
40	1 9/16	38	1	1	**4932464685**	4058546226305
43	1 11/16	38	1	1	**4932464686**	4058546226312
44	1 3/4	38	1	1	**4932464687**	4058546226329
48	1 7/8	38	1	1	**4932464688**	4058546226336
51	2	38	1	1	**4932464689**	4058546226343
54	2 1/8	38	1	1	**4932464690**	4058546226350
56	4/6	38	1	1	**4932464691**	4058546226367
57	2 1/4	38	1	1	**4932464692**	4058546226374
60	2 3/8	38	1	1	**4932464693**	4058546226381
64	2 1/2	38	1	1	**4932464694**	4058546226398
65	2 9/16	38	1	1	**4932464695**	4058546226404
67	2 5/8	38	1	1	**4932464696**	4058546226411
68	2 11/16	38	1	1	**4932464697**	4058546226428
70	2 3/4	38	1	1	**4932464698**	4058546226435
73	2 7/8	38	1	1	**4932464699**	4058546226442
76	3	38	1	1	**4932464700**	4058546226459
79	3 1/8	38	1	1	**4932464701**	4058546226466
83	3 1/4	38	1	1	**4932464702**	4058546226473
89	3 1/2	38	1	1	**4932464703**	4058546226480
92	3 3/8	38	1	1	**4932464704**	4058546226497
98	3 7/8	38	1	1	**4932464705**	4058546226503
102	4	38	1	1	**4932464706**	4058546226510
105	4 1/8	38	1	1	**4932464707**	4058546226527
114	4 1/2	38	1	1	**4932464708**	4058546226534
121	4 3/4	38	1	1	**4932464709**	4058546226541
127	5	38	1	1	**4932464710**	4058546226558
152	6	38	1	1	**4932464711**	4058546226565







Bi-Metal contractor holesaw - sets

Optimised variable 4/6 tooth geometry for faster cutting and universal use.
Bi-Metal teeth for best durability and increased wear resistance.
For universal use: steel, non-ferrous metals, wood, drywall plasterboard, plastics.

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	Bi-metal contractor holesaw set (10pc)				
①	6 x Holesaws: Ø 25, 32, 40, 54, 68, 76 mm. 1x arbor for Ø 14 - 30 mm. 1 x arbor for Ø 32 - 152 mm. 2 x pilot drill bits. Allen key	10	1	**4932464719**	4058546226640
	Bi-Metal contractor holesaw set (14pc)				
②	10 x Holesaws: Ø 19, 22, 25, 29, 32, 35, 38, 44, 51, 57 mm. 1 x arbor for Ø 14 - 30 mm. 1 x arbor for Ø 32 - 152 mm. 2 x pilot drill bits. Allen key	14	1	**4932464720**	4058546226657

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System accessories - Holesaws

	Description	Fits holesaw Ø	Shank reception	Holesaw or core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Arbor	14-30 mm	9.5 mm Hex	½˝ x 20	1	1	**4932479465**	4058546372590
②	Arbor	Ø 32-210 mm	9.5 mm Hex	⅝˝ x 18	1	1	**4932479466**	4058546372606
③	Arbor	Ø 32-210 mm	11 mm Hex	⅝˝ x 18	1	1	**4932479467**	4058546372613
④	SDS-Plus arbor	Ø 14-30 mm	SDS-Plus	½˝ x 20	1	1	**4932471694**	4058546295936
⑤	SDS-Plus arbor	Ø 32-210 mm	SDS-Plus	⅝˝ x 18	1	1	**4932471695**	4058546295943
⑥	Extension - 300 mm long	-	9.5 mm Hex	-	1	1	**4932479470**	4058546372644
	Extension - 305 mm long	-	7/16˝ Hex	-	1	1	**4932479494**	4058546372880
⑦	Pilot drill bit HSS-Ground Ø 6.35 mm x 89 mm length. Fits to all arbors				1	1	**4932479468**	4058546372620
	Pilot drill long HSS-Gound Ø 6.35 mm x 100 mm length. Fits to all arbors				1	1	**4932479469**	4058546372637
⑧	Pilot drill HSS-Cobalt Ø 6 mm x 89 mm length. Fits to all arbors				1	1	**4932499257**	4058546564216
⑨	Hex key 1/8˝ for all arbors				1	1	**43960270**	045242825134
⑩	Grub screw for arbors and extensions				1	1	**06832712**	4002395874354



QUIK-LOK™

UNIVERSAL FIT. UNLIMITED POSSIBILITIES.

Say goodbye to the clutter of multiple arbors. The MILWAUKEE® QUIK-LOK™ Arbor fits every Holesaw from 14 – 210 mm, across most brands. With just one arbor and three universal adaptors, you can drill with confidence – no matter the job or application.

Available in both 9.5 mm and 7/16" hex, it's built for true versatility. Need to enlarge a hole? QUIK-LOK™ makes that easy too with the new hole enlargement adaptor (from 32mm – 210 mm). Simplify your kit. Maximise your capability.

HOLE DOZER | DIAMOND MAX™ | HOLE DOZER CARBIDE TEETH | BIGHAWG CARBIDE TEETH

Quick and easy change of holesaw

Universal Arbors fit most brands of holesaw

Fits every holesaw from 14 – 210mm



Quik-Lok Hole Enlargement Adaptor ref 4932500553

System Accessories - Holesaws QUIK-LOK

Description	Fits holesaw Ø	Shank reception	Holesaw or core reception	Pack quantity	Min. order quantity	Article Number	EAN Code	
QUIK-LOK™ arbor 3/8"/ 9.5mm Hex. Supplied with pilot drill and 2 x S adaptors	Ø 14-30 mm	9.5 mm Hex	½" x 20	1	1	**4932500548**	4058546618506	
QUIK-LOK™ arbor 7/16"/ 11mm Hex. Supplied with pilot drill , 1 x S adaptor and 1 x XL adaptor	Ø 32-210 mm	11 mm Hex	⅝" x 18	1	1	**4932500549**	4058546618513	
QUIK-LOK™ adaptor S for holesaws Ø14-30mm	Ø 14-30 mm	½" x 20	½" x 20	5	1	**4932500550**	4058546618520	
QUIK-LOK™ adaptor L for holesaws Ø32-51mm	Ø 32-51 mm	5/8" x 18	⅝" x 18	5	1	**4932500551**	4058546618537	
QUIK-LOK™ pin adaptor XL for holesaws Ø32-210mm	Ø 32-210 mm	5/8" x 18	⅝" x 18	2	1	**4932500552**	4058546618544	
QUIK-LOK™ hole enlargement adaptor	Ø 32-210 mm	5/8" x 18	⅝" x 18	1	1	**4932500553**	4058546618551	
Hole Dozer™ Quik Lok™ holesaw set (9pc) 6 x holesaws: Ø 25, 32, 40, 54, 68, 76 mm. Quik Lok™ arbor inc. pilot drill. 1 x small adaptors, 2 x large adaptors, 3 x XL two pin adaptors. 1 x pilot drill bits, 1/8" hex key.				9	1	**49224771**	045242405244	
Hole Dozer™ Quik Lok™ holesaw set (13pc) 10 x holesaws: Ø 19, 22, 25, 29, 32, 35, 38, 44, 51, 57 mm. Quik Lok™ arbor inc. pilot drill. 4 x small adaptors, 5 x large adaptors, 1 x XL two pin adaptors. 1 x pilot drill bit, 1/8" hex key.				13	1	**49224772**	045242405251	



Adjustable hole cutter

For cutting large diameter holes for air conditioning pipes, fans, downlights and ceiling speakers.
Dust collection shroud for 100% dust free work when overhead drilling.
Diameter is adjustable from 51 mm to 178 mm in 6.4 mm steps.
Laser marked preset diameters at 51 - 178 mm.
Suitable for use on drywall (max. 25 mm) and ceiling tile. Not suitable for OSB wood boards.

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	Adjustable hole cutter				
①	Pilot drill, 2 blades, QL arbor and dust collection shroud	5	1	**49560260**	045242350261
②	QL arbor with 1/4" Hex reception. 75 mm long	1	1	**4932479553**	4058546373474
	Replacement blade and pilot drill set (4pc)				
③	1 x pilot drill bit, 2 x blades and 1 x allen key	4	1	**49560290**	045242346370









HOLE DOZER™ holesaws: Recommended cutting speed in RPM

Diameter (mm)	Ø (inch)	Metal	Cast Iron	Stainless steel	Non ferrous metal	Aluminium	Wood	MDF
14	9/16	580	400	300	790	900	1500	750
16	5/8	550	365	275	730	825	1500	750
17	11/16	500	330	250	665	750	1500	750
19	3/4	460	300	230	600	690	1500	750
20	25/32	425	280	210	560	635	1500	750
21	13/16	425	280	210	560	635	1500	750
22	7/8	390	260	195	520	585	1500	750
23	29/32	370	250	185	500	550	1500	750
25	1	350	235	175	470	525	1500	750
27	1 1/16	325	215	160	435	480	1400	700
29	1 1/8	300	200	150	400	450	1400	700
30	1 3/16	285	190	145	380	425	1400	700
32	1 1/4	275	180	140	380	410	1400	700
33	1 5/16	260	175	135	345	390	1400	700
35	1 3/8	250	165	125	330	375	1400	700
37	1 7/16	240	160	120	315	360	1400	700
38	1 1/2	230	150	115	300	345	1400	700
40	1 9/16	220	145	110	290	330	1200	600
41	1 5/8	210	140	105	280	315	1200	600
43	1 11/16	205	135	100	270	305	1200	600
44	1 3/4	195	130	95	260	295	1200	600
46	1 13/16	190	125	95	250	285	1200	600
48	1 7/8	180	120	90	240	270	1200	600
50	1 24/25	175	120	85	230	260	1200	600
51	2	170	115	85	230	255	1200	600
52	2 1/16	165	110	80	220	245	1200	600
54	2 1/8	150	100	75	200	225	1000	500
56	4/6	145	100	75	195	225	1000	500
57	2 1/4	145	100	75	195	225	1000	500
59	2 5/16	145	100	75	195	225	1000	500
60	2 3/8	140	95	70	190	220	1000	500
63	2 31/64	135	90	65	180	205	900	450
64	2 1/2	135	90	65	180	205	900	450
65	2 9/16	130	85	65	175	200	800	400
68	2 11/16	125	80	60	160	185	800	400
73	2 7/8	120	80	60	160	180	800	400
76	3	115	75	55	150	170	700	350
79	3 1/8	110	70	55	140	165	700	350
83	3 1/4	105	50	40	140	155	700	350
86	3 3/8	100	45	30	130	150	500	250
89	3 1/2	95	45	30	130	145	500	250
92	3 5/8	95	60	45	120	140	500	250
95	3 3/4	90	60	45	120	135	500	250
98	3 7/8	90	60	45	120	135	500	250
102	4	85	55	40	110	130	400	200
105	4 1/8	80	55	40	110	120	400	200
111	4 3/8	80	50	40	100	120	300	150
114	4 1/2	75	50	35	100	105	300	150
121	4 3/4	75	50	35	95	95	300	150
127	5	65	45	30	90	90	200	100
133	5 1/4	60	40	25	85	85	200	100
140	5 1/2	60	40	25	85	85	200	100
146	5 3/4	55	35	25	75	75	200	100
152	6	55	35	25	75	75	200	100
160	6 5/16	50	30	25	60	60	150	75
168	6 5/8	50	30	25	55	55	150	75
177	6 31/32	45	25	25	55	55	150	75
200	7 7/8	40	25	25	50	50	100	50
210	8 9/32	40	20	25	50	50	100	50
	-	Cutting oil	Dry	Cutting oil	Cutting oil	Turpentine	Dry	Dry

Speed kills!

Operating at higher speeds than those recommended will shorten the life of the holesaw and produce very innefficient cutting.

Feed Pressure:

Variables in material, work configuration should be considered. Apply sufficient feed pressure to aid good chip re-moval. Reduce the pressure when the holesaw becomes hot or if the teeth start to clog with material. Insufficient feed pressure will dull tooth points prematurely but too much pressure can totally destroy teeth.

Cooling Lubricant:

Cutting oil serves two purposes when sawing in metals. It cools the saw and the work piece. It reduces heat and abrasion which can shorten cutting life. It also aids re-moving swarf from the cutting surface. Using a cooling lubricant will extend the life of your holesaw by 500%.

T.C.T. Stainless steel holesaws

Carbide tooth technology provides for best performance, speed and 10x more lifetime than standard bi-metal holesaws. Teeth can also be resharpened.
Extra deep 25 mm cutting depth for drilling in sheet material and pipes.
One solid piece holesaw design reduces wobble and vibration for accurate drilling.
Safety stop collar prevents over drilling for best safety.
Ejector spring helps eject the slug, prevents jamming and saves time.
With 3-flat secure grip shank reception to prevent the holesaw slipping in the chuck and to ensure maximum torque transmission. Diameters 16-76 mm with 10 mm and >80 mm with 13 mm 3-flat shank reception.
Replaceable pilot drill and spring.
Use a cooling lubricant to extend the life of the holesaw. For metals use cutting oil, aluminium turpentine, plastics water and for cast iron drill dry.
Suitable for drilling steel (<1200 N/mm²) up to 4 mm, stainless steel up to 2 mm, aluminium, zink, cast iron, copper, fibreglass and PVC.

Diameter (mm)	Max. cutting depth (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
16	25	1	1	**4932479033**	4058546363239
18	25	1	1	**4932479034**	4058546368289
19	25	1	1	**4932479035**	4058546368296
20	25	1	1	**4932479036**	4058546368302
22	25	1	1	**4932479037**	4058546368319
24	25	1	1	**4932479038**	4058546368326
25	25	1	1	**4932479039**	4058546368333
29	25	1	1	**4932479040**	4058546368340
30	25	1	1	**4932479041**	4058546368357
32	25	1	1	**4932479042**	4058546368364
35	25	1	1	**4932479043**	4058546368371
38	25	1	1	**4932479044**	4058546368388
40	25	1	1	**4932479045**	4058546368395
44	25	1	1	**4932479046**	4058546368401
45	25	1	1	**4932479047**	4058546368418
50	25	1	1	**4932479048**	4058546368425
51	25	1	1	**4932479049**	4058546368432
54	25	1	1	**4932479050**	4058546368449
60	25	1	1	**4932479051**	4058546368456
64	25	1	1	**4932479052**	4058546368463
70	25	1	1	**4932479053**	4058546368470
76	25	1	1	**4932479054**	4058546368487
80	25	1	1	**4932479055**	4058546368494
85	25	1	1	**4932479056**	4058546368500
102	25	1	1	**4932479057**	4058546368517
T.C.T. holesaw set (4pc) 4 x T.C.T. holesaws: Ø16, 20, 25, 32 mm. 1/8" allen key		4	1	**4932479058**	4058546368524
Pilot drill bit (Ø6 x 76mm) including spring for T.C.T. holesaws		1	1	**4932479059**	4058546368531
Spring for T.C.T. holesaw pilot drill		3	1	**4932479060**	4058546368548
Grub screw M6 for T.C.T. holesaw arbor		3	1	**4932479061**	4058546368555









Holesaw Ø mm	Speed - RPM Steel < 800N/mm²	Stainless Steel / Steel < 1200N/mm²
16	995	696
20	796	557
25	637	446
30	531	371
35	455	318
40	398	279
45	354	248
50	318	223
55	289	203
60	265	186
65	245	171
70	227	159
75	212	149
80	199	139
85	187	131
90	177	124
95	168	117
100	159	111

BIG HAWG™ multi material holesaws

BIG HAWG™ multi material holesaws are ideal for electricians, carpenters, kitchen fitters & all related heating, ventilation and plumbing trades.
Designed for use in a wide variety of materials:
Bricks* - suitable for both solid bricks and bricks with cavities.
Aerated concrete blocks*, lightweight aggregate blocks and breeze blocks.
Soft density lime-sandstone building blocks up to hardness of 30 N/mm².
Softwoods, chipboard, plywood, medium density fibreboard (MDF).
Plastics and plastic coated board (Contiboard).
* Not suitable for use in hard materials such as concrete, granite, medium to hard density lime-sandstone block, natural stone and hard brick over 30 N/mm² hardness.



Diameter (mm)	Max. cutting depth (mm)	No. of teeth	Pack quantity	Min. order quantity	Article Number	EAN Code
25	60	2	1	1	**4932464921**	4058546228668
30	60	2	1	1	**4932464922**	4058546228675
35	60	2	1	1	**4932464923**	4058546228682
44	60	2	1	1	**4932464924**	4058546228699
51	60	3	1	1	**4932464925**	4058546228705
54	60	3	1	1	**4932464926**	4058546228712
57	60	3	1	1	**4932464927**	4058546228729
65	60	3	1	1	**4932464928**	4058546228736
68	60	3	1	1	**4932464929**	4058546228743
70	60	3	1	1	**4932464930**	4058546228750
76	60	3	1	1	**4932464931**	4058546228767
82	60	3	1	1	**4932464932**	4058546228774
92	60	3	1	1	**4932464933**	4058546228781
102	60	3	1	1	**4932464934**	4058546228798
108	60	3	1	1	**4932464935**	4058546228804
117	60	3	1	1	**4932464936**	4058546228811
133	60	3	1	1	**4932464937**	4058546228828
159	60	3	1	1	**4932464938**	4058546228835



BIG HAWG™ multi material holesaws - set

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BIG HAWG™ multi material set (10 pc) 6 x holesaws: Ø 35, 44, 51, 57, 68, 76 mm. 1 x arbor with pilot drill. 2 x pilot drill. 1 x diamond file. Allen key	10	1	**4932464939**	4058546228842



BIG HAWG™ multi material - system accessories

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① BIG HAWG™ multi material pilot drill	1	1	**4932464940**	4058546228859
② BIG HAWG™ 7/16" multi material arbor with pilot drill	1	1	**4932464941**	4058546228866
③ Pilot drill flat bit 3/8" for wood only	1	1	**48271401**	045242121397



HCS holesaws

Optimised 5 Tpi tooth geometry for clean cuts in soft materials.
For use in plastics and drywall plasterboard.

Diameter (mm)	Max. cutting depth (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
121	96	1	1	**4932472076**	4058546324728
127	96	1	1	**4932472077**	4058546324735
133	96	1	1	**4932472078**	4058546324742
138	96	1	1	**4932472079**	4058546324759
150	96	1	1	**4932472080**	4058546324766
168	96	1	1	**4932472081**	4058546324773
172	96	1	1	**4932472082**	4058546324780
177	96	1	1	**4932472083**	4058546324797
186	96	1	1	**4932472084**	4058546324803
210	96	1	1	**4932472085**	4058546324810
212	96	1	1	**4932472086**	4058546324827
226	96	1	1	**4932472087**	4058546324834



System accessories - HCS holesaws

System accessories to be used with HCS holesaws.
1. Arbor with pilot drill
2. Pilot drill

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	HCS holesaws arbor with pilot drill	1	1	**4932472088**	4058546324841
②	HCS holesaw pilot drill Ø6.35 and 150 mm length	1	1	**4932472089**	4058546324858

①



②



SHOCKWAVE™ IMPACT DUTY holesaws

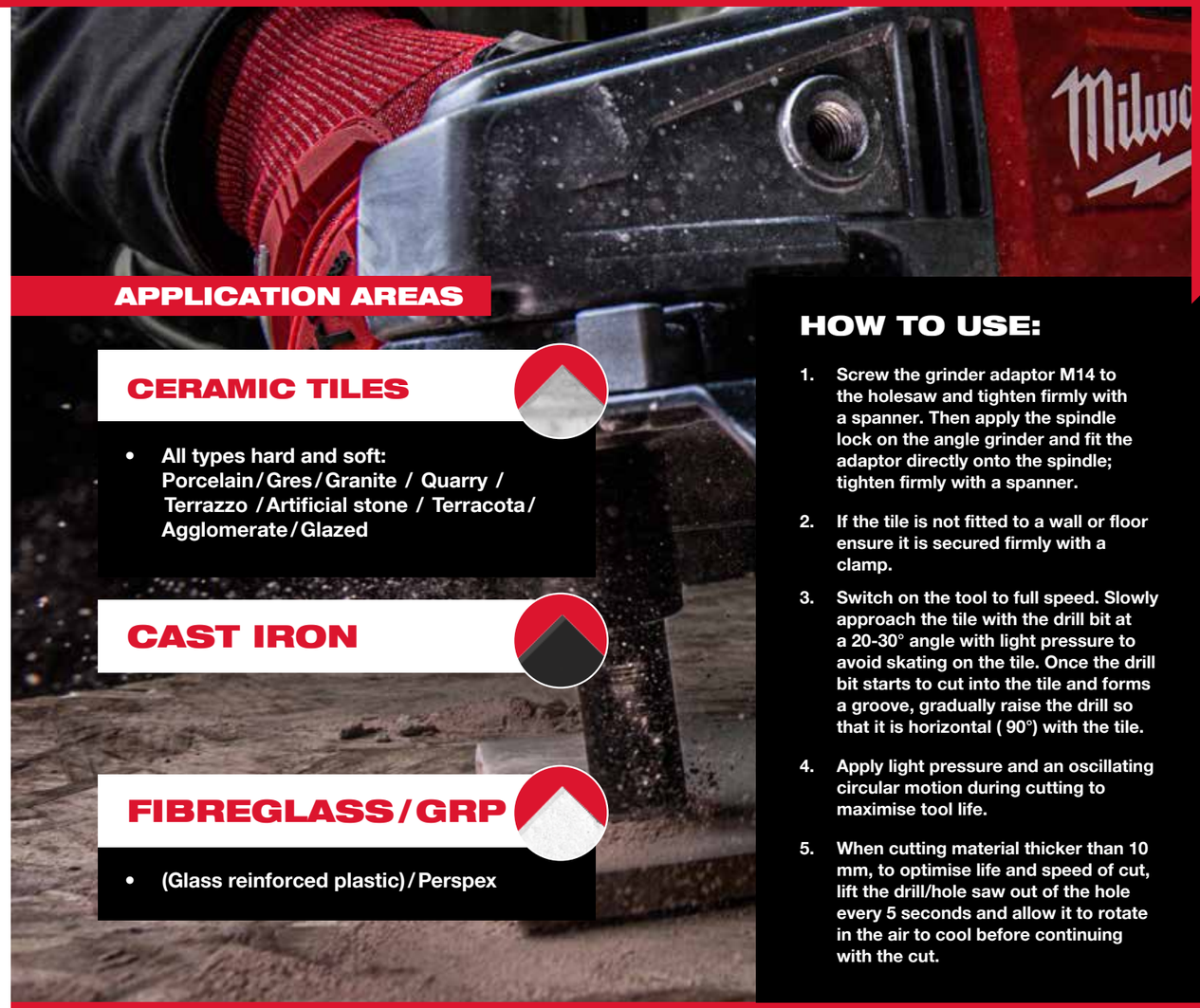
	Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
	19	1	1	**4932501132**	4058546624347
	22	1	1	**4932501133**	4058546624354
	25	1	1	**4932501134**	4058546624361
①	29	1	1	**4932501135**	4058546624378
	32	1	1	**4932501136**	4058546624385
	35	1	1	**4932501137**	4058546624392
	38	1	1	**4932501138**	4058546624408
②	**SHOCKWAVE™ IMPACT DUTY holesaw set (3pc)** Ø 22 / 29 / 35 mm	3	1	**4932501139**	4058546624415
	Ejection spring and grub screw	1	1	**4932430466**	4002395381272
	Pilot drill bit with arbor	1	1	**4932430477**	4002395381388

①



②





APPLICATION AREAS

CERAMIC TILES

- All types hard and soft: Porcelain / Gres / Granite / Quarry / Terrazzo / Artificial stone / Terracota / Agglomerate / Glazed

CAST IRON

FIBREGLASS / GRP

- (Glass reinforced plastic) / Perspex

HOW TO USE:

1. Screw the grinder adaptor M14 to the holesaw and tighten firmly with a spanner. Then apply the spindle lock on the angle grinder and fit the adaptor directly onto the spindle; tighten firmly with a spanner.
2. If the tile is not fitted to a wall or floor ensure it is secured firmly with a clamp.
3. Switch on the tool to full speed. Slowly approach the tile with the drill bit at a 20-30° angle with light pressure to avoid skating on the tile. Once the drill bit starts to cut into the tile and forms a groove, gradually raise the drill so that it is horizontal (90°) with the tile.
4. Apply light pressure and an oscillating circular motion during cutting to maximise tool life.
5. When cutting material thicker than 10 mm, to optimise life and speed of cut, lift the drill/hole saw out of the hole every 5 seconds and allow it to rotate in the air to cool before continuing with the cut.

M14 DIAMOND DRY TILE DRILL BIT

DIAMOND MAX™

Diamond grit drills and holesaws are designed for cutting holes in extremely hard materials such as porcelain/ gres/quarry tiles, cast iron or fibreglass. These bits & holesaws guarantee superior life and fast cutting even in the hardest of materials. Can be used either on angle grinders with relevant adaptor or with a drill driver.

No water cooling necessary, 100% dry use.

Clean holes: Drills clean, precise holes without any perimeter scratches.

Superior lifetime and durability due to the high grade diamond bond and the tough alloy body which resists bending under stress.

Easy slug removal due to the multiple access slots.

M14 diamond tile drill bit

Diameter (mm)	Reception	Pack quantity	Min. order quantity	Article Number	EAN Code
5	M14	1	1	**4932471758**	4058546296575
6	M14	1	1	**4932471759**	4058546296582
8	M14	1	1	**4932471760**	4058546296599
10	M14	1	1	**4932471761**	4058546296605
12	M14	1	1	**4932471762**	4058546296612
14	M14	1	1	**4932471763**	4058546296629
16	M14	1	1	**4932471764**	4058546296636
18	M14	1	1	**4932478276**	4058546344535
20	M14	1	1	**4932478277**	4058546344542
22	M14	1	1	**4932498354**	4058546522230
25	M14	1	1	**4932478278**	4058546344559
30	M14	1	1	**4932498355**	4058546522247
32	M14	1	1	**4932478279**	4058546344566
35	M14	1	1	**4932478280**	4058546344573
38	M14	1	1	**4932498356**	4058546522254
40	M14	1	1	**4932478281**	4058546344580
44	M14	1	1	**4932478282**	4058546344597
51	M14	1	1	**4932478283**	4058546344603
54	M14	1	1	**4932498357**	4058546522261
55	M14	1	1	**4932478284**	4058546344610
57	M14	1	1	**4932498358**	4058546522278
60	M14	1	1	**4932498359**	4058546522285
64	M14	1	1	**4932498360**	4058546522292
65	M14	1	1	**4932498361**	4058546522308
68	M14	1	1	**4932478285**	4058546344627
73	M14	1	1	**4932498362**	4058546522315
75	M14	1	1	**4932478286**	4058546344634
76	M14	1	1	**4932498363**	4058546522322
83	M14	1	1	**4932498364**	4058546522339
102	M14	1	1	**4932478287**	4058546344641
① **DIAMOND MAX™ diamond drill bit set (4pc)** Ø 6, 8, 10, 14 mm		4	1	**4932500544**	4058546618469
② DIAMOND MAX™ diamond drill bit set (3pc) Ø6 mm		3	1	**4932500545**	4058546618476
③ DIAMOND MAX™diamond drill bit set (3pc) Ø8 mm		3	1	**4932500546**	4058546618483

DIAMOND MAX™









Description	Tool reception	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
② Adaptor to fit M14 diamond drills to Milwaukee spot polisher	M9 x 0.75	M14	1	1	**4932472090**	4058546324865
③ Adaptor to fit M14 diamond drills to Milwaukee die grinder	M16 x 1.0	M14	1	1	**4932472265**	4058546339111



M14 diamond router bit

For milling and modelling applications in different materials e.g. porcelain tiles, granite, natural stone, marble, engineering bricks, roof tiles and concrete.
For chamfering all the mentioned materials.
For expanding existing holes.

Description	Diameter (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
M14 diamond router bit	20	35	1	1	**4932479078**	4058546368722



M14 diamond cup wheel

Optimal for all types of repair work in confined spaces.
For removing and levelling tile adhesive when replacing broken tiles.
For grinding different materials e.g. granite, stone, porcelain tiles, ceramic tiles, concrete, screed and removing adhesives.
M14 thread: To fit directly onto an angle grinder.
Lifetime: To ensure long lifetime, we use high grade diamond for fast grinding and a superior bond matrix to give best durability.

Description	Diameter (mm)	Cup wheel height [mm]	Segment height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
M14 diamond cup wheel	50	27	2	1	1	**4932479079**	4058546368739



APPLICATION AREAS

CERAMIC TILES

- All types hard and soft: Porcelain / Gres / Granite / Quarry / Terrazzo / Artificial stone / Terracota / Agglomerate / Glazed

CAST IRON

FIBREGLASS / GRP

- (Glass reinforced plastic) / Perspex

1/4" WET TILE DRILL BITS

DIAMOND MAX™

Diamond grit drills and holesaws are designed for cutting holes in extremely hard materials such as porcelain/gres/quarry tiles, cast iron or fibreglass. These bits & holesaws guarantee superior life and fast cutting even in the hardest of materials. Can be used either on angle grinders with relevant adaptor or with a drill driver.

Minimal water cooling: A continuous flow of water is required to cool the bits & holesaw during cutting.

Simply dip them in water before starting the cut and every 3 seconds during cutting for optimal performance.

Clean holes: Drills clean, precise holes without any perimeter scratches.

Superior lifetime and durability due to the high grade diamond bond and the tough alloy body which resists bending under stress.

Easy slug removal due to the multiple access slots.

DIAMOND MAX™ 1/4˝ WET drill bits

	Diameter (mm)	Reception	Pack quantity	Min. order quantity	Article Number	EAN Code
①	5	¼˝ Hex	1	1	**4932498341**	4058546522100
	6	¼˝ Hex	1	1	**4932498342**	4058546522117
	8	¼˝ Hex	1	1	**4932498343**	4058546522124
	10	¼˝ Hex	1	1	**4932498344**	4058546522131
	12	¼˝ Hex	1	1	**4932498345**	4058546522148
	14	¼˝ Hex	1	1	**4932498346**	4058546522155
	16	¼˝ Hex	1	1	**4932498347**	4058546522162
	20	¼˝ Hex	1	1	**4932498348**	4058546522179
	22	¼˝ Hex	1	1	**4932498349**	4058546522186
	25	¼˝ Hex	1	1	**4932498350**	4058546522193
	29	¼˝ Hex	1	1	**4932498351**	4058546522209
	32	¼˝ Hex	1	1	**4932498352**	4058546522216
	35	¼˝ Hex	1	1	**4932498353**	4058546522223
③	**DIAMOND MAX™ diamond drill bit set (3pc)** Ø 6, 8, 10 mm		3	1	**4932498368**	4058546522377
④	**DIAMOND MAX™ diamond drill bit set (5pc)** Ø 6 (2x), 8 (2x), 10 mm		5	1	**4932498299**	4058546521684
⑤	**DIAMOND MAX™ diamond drill bit set (5pc)** Ø 6 mm (5x)		5	1	**4932498300**	4058546521691
⑥	**DIAMOND MAX™ diamond drill bit set (5pc)** Ø 8 mm (5x)		5	1	**4932498301**	4058546521707









	Diameter (mm)	Reception	Pack quantity	Min. order quantity	Article Number	EAN Code
	22	½˝ x 20	1	1	**49565605**	045242308439
	29	½˝ x 20	1	1	**49565615**	045242308446
	32	⅝˝ x 18	1	1	**4932500114**	4058546572785
	35	⅝˝ x 18	1	1	**4932500115**	4058546572792
②	38	⅝˝ x 18	1	1	**4932500116**	4058546572808
	44	⅝˝ x 18	1	1	**4932500117**	4058546572815
	51	⅝˝ x 18	1	1	**4932500118**	4058546572822
	64	⅝˝ x 18	1	1	**4932500119**	4058546572839
	68	⅝˝ x 18	1	1	**4932500120**	4058546572846



Description	Fits holesaw	Shank reception	Holesaw or core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
Arbor	14-30 mm	9.5 mm Hex	½˝ x 20	1	1	**4932479465**	4058546372590
Arbor	Ø 32-210 mm	9.5 mm Hex	⅝˝ x 18	1	1	**4932479466**	4058546372606
Grinder adaptor	Ø 22-29mm	M14	½˝ x 20	1	1	**4932430464**	4002395381258
Grinder adaptor	Ø 32-68mm	M14	⅝˝ x 18	1	1	**4932430465**	4002395381265

Holesaw drilling guide

Constant water supply significantly increases the drill bit lifetime.
Drilling guide provides a secure drilling into the material without slipping around and damaging the surface.
Easy fixing and removal from surfaces due to vacuum fixing.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Drilling guide for drills / holesaws Ø 19 - 68 mm	1	1	**4932352332**	4002395369911



Wet Diamond Drilling Cores

① Standard 1¼˝ UNC reception
② Stamping of diameter and type on the core reception for longterm visibility
③ Laser welded segments guarantee against break off
③ 10 mm segment height for superior lifetime

WCHP



WCHP-TK



THIN KERF Wet diamond drilling cores

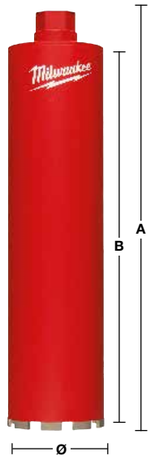
Cordless optimised diamond segments designed especially for MXFuel tool.
Optimised for corded diamond drills up to 2200 Watt.
10 mm laser welded segments for superior lifetime.
Standard 1/2“ G reception on smaller diameters & standard 1 1/4“ UNC reception on bigger diameters.

Diame-ter (mm)	Description	Fits DD3 - 152	Fits MXF DCD 150	Core reception	Working length (mm) B	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
12	WCHP-TK 12 mm	✔	✔	1/2˝ G	200	270	1	1	**4932472167**	4058546325633
14	WCHP-TK 14 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472168**	4058546325640
16	WCHP-TK 16 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472169**	4058546325657
18	WCHP-TK 18 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472170**	4058546325664
20	WCHP-TK 20 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472171**	4058546325671
22	WCHP-TK 22 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472172**	4058546325688
24	WCHP-TK 24 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472173**	4058546325695
25	WCHP-TK 25 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472174**	4058546325701
28	WCHP-TK 28 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472175**	4058546325718
30	WCHP-TK 30 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472176**	4058546325725
32	WCHP-TK 32 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472177**	4058546325732
35	WCHP-TK 35 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472178**	4058546325749
40	WCHP-TK 40 mm	✔	✔	1/2˝ G	300	370	1	1	**4932472180**	4058546325763
46	WCHP-TK 46 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932478953**	4058546362355
51	WCHP-TK 51 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472184**	4058546325800
56	WCHP-TK 56 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472185**	4058546325817
61	WCHP-TK 61 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472186**	4058546325824
66	WCHP-TK 66 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472187**	4058546325831
68	WCHP-TK 68 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932478954**	4058546362362
71	WCHP-TK 71 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472188**	4058546325848
76	WCHP-TK 76 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472189**	4058546325855
81	WCHP-TK 81 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472190**	4058546325862
86	WCHP-TK 86 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472191**	4058546325879
91	WCHP-TK 91 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472192**	4058546325886
101	WCHP-TK 101 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472193**	4058546325893
105	WCHP-TK 105 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472194**	4058546325909
111	WCHP-TK 111 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472195**	4058546325916
121	WCHP-TK 121 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472196**	4058546325923
126	WCHP-TK 126 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932478955**	4058546362379
130	WCHP-TK 130 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472197**	4058546325930
140	WCHP-TK 140 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472198**	4058546325947
150	WCHP-TK 150 mm	✔	✔	1 1/4˝ UNC	450	525	1	1	**4932472199**	4058546325954



Wet diamond drilling cores

		Fits DD3-152	Fits DCM2-250C & DCM2-350C	Core	Working length (mm) B	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
52	WCHP 52		✔	1 ¼″ UNC	450	525	1	1	**4932399707**	4002395363582
62	WCHP 62		✔	1 ¼″ UNC	450	525	1	1	**4932399708**	4002395363599
72	WCHP 72		✔	1 ¼″ UNC	450	525	1	1	**4932399709**	4002395363605
82	WCHP 82		✔	1 ¼″ UNC	450	525	1	1	**4932399710**	4002395363612
92	WCHP 92		✔	1 ¼″ UNC	450	525	1	1	**4932399711**	4002395363629
102	WCHP 102		✔	1 ¼″ UNC	450	525	1	1	**4932399712**	4002395363636
112	WCHP 112		✔	1 ¼″ UNC	450	525	1	1	**4932399713**	4002395363643
122	WCHP 122		✔	1 ¼″ UNC	450	525	1	1	**4932399714**	4002395363650
132	WCHP 132		✔	1 ¼″ UNC	450	525	1	1	**4932399715**	4002395363667
152	WCHP 152		✔	1 ¼″ UNC	450	525	1	1	**4932399716**	4002395363674
162	WCHP 162		✔	1 ¼″ UNC	450	525	1	1	**4932399717**	4002395363681
172	WCHP 172		✔	1 ¼″ UNC	450	525	1	1	**4932352052**	4002395367092
182	WCHP 182		✔	1 ¼″ UNC	450	525	1	1	**4932399718**	4002395363698
202	WCHP 202		✔	1 ¼″ UNC	450	525	1	1	**4932399719**	4002395363704
225	WCHP 225		✔	1 ¼″ UNC	450	525	1	1	**4932399720**	4002395363711
250	WCHP 250		✔	1 ¼″ UNC	450	525	1	1	**4932399721**	4002395363728
300	WCHP 300		✔	1 ¼″ UNC	450	525	1	1	**4932399722**	4002395363735
350	WCHP 350		✔	1 ¼″ UNC	450	525	1	1	**4932399723**	4002395363742





Dry diamond cores with dust extraction - DCHXL

10 mm high, laser welded segments for longer life.
Use with the machine set to rotary only, not suitable for hammer action.



Material	DCHXL
Aerated/breeze concrete blocks	◆
Artificial stone – hard	✖
Brick – very hard, engineering brick	✔
Brick – medium	✔
Brick – soft	◆
Concrete	✖

Material	DCHXL
Granite	✖
Lime/sandstone – hard	✔
Lime/sandstone – soft/abrasive	◆
Marble	✖
Tiles	✖

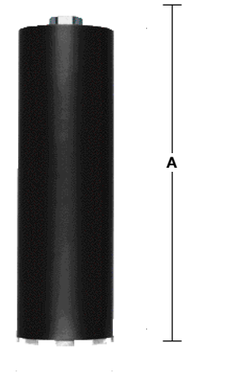
✔ Most suitable. Recommended for these materials.
✖ Not suitable. Not recommended for these materials.
◆ Limited suitability – recommended for intermittent use. Very good in drilling characteristics, but reduced lifetime.

	Description	Diameter (mm)	Core reception	Working length (mm) B	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
	DCHXL 38*	38	1 ¼″ UNC	420	490	1	1	**4932399753**	4002395364060
	DCHXL 52	52	1 ¼″ UNC	420	490	1	1	**4932399163**	4002395357703
	DCHXL 68	68	1 ¼″ UNC	420	490	1	1	**4932399164**	4002395357710
	DCHXL 82	82	1 ¼″ UNC	420	490	1	1	**4932399165**	4002395357727
	DCHXL 102	102	1 ¼″ UNC	420	490	1	1	**4932399166**	4002395357734
	DCHXL 107	107	1 ¼″ UNC	420	490	1	1	**4932399754**	4002395364077
①	DCHXL 112	112	1 ¼″ UNC	420	490	1	1	**4932399167**	4002395357741
	DCHXL 117	117	1 ¼″ UNC	420	490	1	1	**4932399755**	4002395364084
	DCHXL 122	122	1 ¼″ UNC	420	490	1	1	**4932399168**	4002395357758
	DCHXL 127	127	1 ¼″ UNC	420	490	1	1	**4932399169**	4002395357765
	DCHXL 132	132	1 ¼″ UNC	420	490	1	1	**4932399170**	4002395357772
	DCHXL 152	152	1 ¼″ UNC	420	490	1	1	**4932399171**	4002395357789
	DCHXL 162	162	1 ¼″ UNC	420	490	1	1	**4932399172**	4002395357796

* During pre-drilling no centering star required.

	Description	Tool reception	Core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
②	FIXTEC™ Clean Line Rotor (CLR)	M18 x 2.5	1 ¼″ UNC	1	1	**4932352172**	4002395368242

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
③	Guide rod for DD3-152. Requires SDS-plus pilot drill (Ø 8 x 110 mm)	1	1	**4932352679**	4002395373376
④	Dry drilling guide rod for MXF DCD150.	1	1	**4932479580**	4058546373740

① 

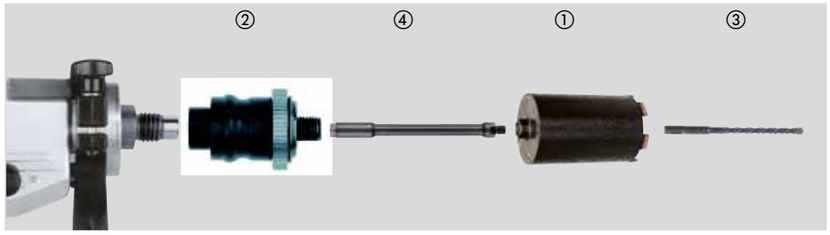
② 

③ 

④

Dry diamond drilling without dust extraction - DCH 150

10 mm high segments.
Laser welded segments for extra durability.
Use with the machine set to rotary only, not suitable for hammer action.



Material	DCH
Aerated/breeze concrete blocks	◆
Artificial stone – hard	✖
Brick – very hard, engineering brick	✔
Brick – medium	✔
Brick – soft	◆
Concrete	✖

✔ Most suitable. Recommended for these materials.
◆ Limited suitability – recommended for intermittent use. Very good in drilling characteristics, but reduced lifetime.
✖ Not suitable. Not recommended for these materials.

Material	DCH
Granite	✖
Lime/sandstone – hard	✔
Lime/sandstone – soft/abrasive	◆
Marble	✖
Tiles	✖

✔ Most suitable. Recommended for these materials.
◆ Limited suitability – recommended for intermittent use. Very good in drilling characteristics, but reduced lifetime.
✖ Not suitable. Not recommended for these materials.

	Description	Diameter (mm)	Core reception	Working length (mm) B	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
①	DCH 150-52	52	M16	150	180	1	1	**4932352628**	4002395372867
	DCH 150-62	62	M16	150	180	1	1	**4932352629**	4002395372874
	DCH 150-68	68	M16	150	180	1	1	**4932352630**	4002395372881
	DCH 150-82	82	M16	150	180	1	1	**4932352631**	4002395372898
	DCH 150-102	102	M16	150	180	1	1	**4932352632**	4002395372904
	DCH 150-127	127	M16	150	180	1	1	**4932352633**	4002395372911

① 

	Description	Tool reception	Core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
②	FIXTEC™ adaptor. Tool changing in seconds. No extra tool required	M18 x 2.5	M16	1	1	**4932399174**	4002395357819
		11 mm Hex	M16	1	1	**4932399220**	4002395358342
③	Requires SDS-plus pilot drill bit (Ø 8 x 260 mm)			1	1	**4932353821**	4002395320141

② 

③ 

	Description	Adaptor reception	Core reception	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
④	Extention between FIXTEC adaptor and diamond core	M16	M16	300	1	1	**4932369736**	4002395346028

④ 

SHOCKWAVE IMPACT DUTY™

PRECISION
THAT KEEPS PACE WITH
POWER

The new SHOCKWAVE™ Gen 4 Screwdriving Bits feature the strongest SHOCK ZONE™ ever - built to absorb torque and take the hit. The updated Wear Guard Tip™ grips better, strips less, and stays sharp job after job.

When the job demands more, SHOCKWAVE™ delivers.

MOST DURABLE SHOCK ZONE™

Shank absorbs peak torue, prevents breaking

LONG LASTING WEAR GUARD TIP™

Customised tip geometry, less strippinf

SHOCKWAVE™ IMPACT DUTY screwdriving bits

IMPACT

Designed for use with impact drivers the SHOCKWAVE™ IMPACT DUTY accessory line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the user's drilling and fastening needs.

Laser hardened WEAR GUARD TIP™ for improved wear resistance and protection of the fit over the life of the bit.

SHOCK ZONE™ Geometry - designed to flex:

SHOCK ZONE™ reduces stress at the tip resulting in less tip breakages. The combination of the SHOCK ZONE™ design and special heat treatment absorbs impacts and allows the bit to flex with spring like action.

Custom engineered steel - Milwaukee® custom metal formula makes the SHOCKWAVE™ bits more resistant to shock from impacting.

WEAR GUARD TIP™





A) 25 mm ¼" Hex - DIN 3126 - C 6.3
B) 50 mm ¼" Hex - DIN 3126 - E 6.3
C) 90 mm ¼" Hex - DIN 3126 - E 6.3
D) 150 mm ¼" Hex - DIN 3126 - E 6.3

	Type	Total length (mm)	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
Philips	PH 1	25		3	1	4932500352	4058546616540
		50		1	1	4932471564	4058546294632
		90		1	1	4932430851	4002395385133
	PH 2	25		3	1	4932500353	4058546616557
		25	②	25	10	4932430853	4002395385157
		50		1	1	4932430854	4002395385164
		50	②	10	10	4932430855	4002395385171
		90		1	1	4932430856	4002395385188
		150		1	1	4932471565	4058546294649
	PH 3	25		3	1	4932500354	4058546616564
		50		1	1	4932430858	4002395385201
		90		1	1	4932430859	4002395385218
	PZ 1	25		3	1	4932500355	4058546616571
		25	②	25	10	4932430861	4002395385232
		50		1	1	4932471566	4058546294656
		50	②	10	10	4932500231	4058546615338
		90		1	1	4932430862	4002395385249
		150		1	1	4932500393	4058546616953
Pozidrive	PZ 2	25		3	1	4932500356	4058546616588
		25	②	25	10	4932430864	4002395385263
		50		1	1	4932430865	4002395385270
		50	②	10	10	4932430866	4002395385287
		90		1	1	4932430867	4002395385294
		150		1	1	4932471928	4058546298272
	PZ 3	25		3	1	4932500357	4058546616595
		25	②	25	1	4932430869	4002395385317
		50		1	1	4932430870	4002395385324
		150		1	1	4932471929	4058546298289

② Storage container



Minimum order quantity = 10 pcs (come in counter display) orders. > 10 pcs must be ordered in multiples of 10 (i.e. 10,20,30)

SHOCKWAVE IMPACT DUTY™

	Type	Total length (mm)	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
TORX®	TX 7	25		3	1	4932500358	4058546616601
	TX 8	25		3	1	4932500359	4058546616618
	TX 9	25		3	1	4932500360	4058546616625
	TX 10	25		3	1	4932500361	4058546616632
		50		1	1	4932471570	4058546294694
		90		1	1	4932500233	4058546615352
	TX 15	25		3	1	4932500362	4058546616649
		25	②	25	10	4932430873	4002395385355
		50		1	1	4932451286	4002395157440
		90		1	1	4932471571	4058546294700
		150		1	1	4932471572	4058546294717
	TX 20	25		3	1	4932500363	4058546616656
		25	②	25	10	4932430875	4002395385379
		50		1	1	4932430876	4002395385386
		50	②	10	10	4932430877	4002395385393
		90		1	1	4932430878	4002395385409
		150		1	1	4932471573	4058546294724
	TX 25	25		3	1	4932500364	4058546616663
		25	②	25	10	4932430880	4002395385423
		50		1	1	4932430881	4002395385430
		50	②	10	10	4932430882	4002395385447
		90		1	1	4932430883	4002395385454
		150		1	1	4932500392	4058546616946
	TX 27	25		3	1	4932500365	4058546616670
	TX 30	25		3	1	4932500366	4058546616687
		25	②	25	10	4932430886	4002395385485
		50		1	1	4932430887	4002395385492
		50	②	10	10	4932471574	4058546294731
		90		1	1	4932471575	4058546294748
	TX 40	25		3	1	4932500367	4058546616694
		25	②	25	10	4932430889	4002395385515
		50		1	1	4932430890	4002395385522
	TX 45	25		3	1	4932500394	4058546616960
	TX 50	25		3	1	4932500368	4058546616700
		25	②	15	10	4932430892	4002395385546

② Storage container



Minimum order quantity = 10 pcs (come in counter display) orders. > 10 pcs must be ordered in multiples of 10 (i.e. 10,20,30)

	Type	Total length (mm)	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
TORX® BO	TX B07	25	①	3	1	**4932500369**	4058546616717
	TX B08	25	①	3	1	**4932500370**	4058546616724
	TX B09	25	①	3	1	**4932500371**	4058546616731
	TX B010	25	①	3	1	**4932500372**	4058546616748
	TX B015	25	①	3	1	**4932500373**	4058546616755
	TX B020	25	①	3	1	**4932500374**	4058546616762
	TX B025	25	①	3	1	**4932500375**	4058546616779
	TX B030	25	①	3	1	**4932500376**	4058546616786
	TX B040	25	①	3	1	**4932500377**	4058546616793
Hex	Hex 2.5 mm	25	①	3	1	**4932500378**	4058546616809
	Hex 3 mm	25	①	3	1	**4932500379**	4058546616816
	Hex 4 mm	25	①	3	1	**4932500380**	4058546616823
	Hex 5 mm	25	①	3	1	**4932500381**	4058546616830
	Hex 6 mm	25	①	3	1	**4932500382**	4058546616847
	Hex 8 mm	25	①	3	1	**4932500383**	4058546616854
	Hex 10 mm	25	①	3	1	**4932500384**	4058546616861
	Hex 12 mm	25	①	3	1	**4932500385**	4058546616878
Slotted	SL 0.6 x 4.5	25	①	3	1	**4932500386**	4058546616885
	SL 0.8 x 5.5	25	①	3	1	**4932500387**	4058546616892
	SL 1.2 x 6.5	25	①	3	1	**4932500388**	4058546616908
Square	SQ 1	50	①	1	1	**4932500390**	4058546616922
	SQ 2	50	①	1	1	**4932500391**	4058546616939

SHOCKWAVE™ IMPACT DUTY sets

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**SHOCKWAVE™ IMPACT DUTY Carabiner Set 1 (10 pc)** SHOCKWAVE™ screwdriving bits: 10 x 50mm length: 2 x PH2 / 1 x PZ2 / 1 x TX15 / 2 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40	10	50	**4932480941**	4058546412265
①	**SHOCKWAVE™ IMPACT DUTY Carabiner Set 2 (10 pc)** Shockwave™ Impact Rated Screwdriving Bits: 10 x 50mm length: 4 x PH2 / 4 x PZ2 / 1 x TX20 / 1 x TX25			**4932492939**	4058546478100
	SHOCKWAVE™ IMPACT DUTY Carabiner Set 3 (10 pc) Shockwave™ Impact Rated Screwdriving Bits: 10 x 50mm length: 1 x PZ1, 3 x PZ2, 3 x PZ3, 1 x TX20, 1 x TX25, 1 x TX30	10	50	**4932500397**	4058546616991
②	**SHOCKWAVE™ IMPACT DUTY puck bit set (15 pc)** SHOCKWAVE™ screwdriving bits: 14 x 25 mm length: 1 x PH1 / 2 x PH2. 1 x PZ1 / 2 x PZ2 / 1 x PZ3. 1 x TX10 / 2 x TX15 / 2 x TX20 / 1 x TX25 / 1 x TX30. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	15	10	**4932430904**	4002395385669
③	**SHOCKWAVE™ IMPACT DUTY bit set (32 pc)** SHOCKWAVE™ screwdriving bits: 31 x 25 mm length: 1 x PH1 / 2 x PH2 / 1 x PH3, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40, 1 x TX B07 / 1 x TX B08 / 1 x TX B09 / 1 x TX B010 / 1 x TX B015 / 1 x TX B020 / 1 x TX B025, 1 x Hex 3 mm / 1 x Hex 4 mm / 1 x Hex 5 mm / 1 x Hex 6 mm. 1 x SHOCKWAVE™ locking bit holder 1/4" Hex reception 73 mm long	32	12	**4932464240**	4058546221850
④	**SHOCKWAVE™ IMPACT DUTY TX bit set (32 pc)** SHOCKWAVE™ TX screwdriving bits: 31 x 25 mm length: 2 x TX10 / 4 x TX15 / 5 x TX20 / 5 x TX25 / 5 x TX30 / 2 x TX40 / 1 x TX50, 1 x TX B07 / 1 x TX B08 / 1 x TX B09 / 1 x TX B010 / 1 x TX B015 / 1 x TX B020 / 1 x TX B025. 1 x SHOCKWAVE™ locking bit holder 1/4" Hex reception 73 mm long	32	12	**4932471586**	4058546294854
⑤	**SHOCKWAVE™ IMPACT DUTY bit set (35 pc)** SHOCKWAVE™ screwdriving bits: 24 x 25 mm length 1 x PH1 / 3 x PH2 / 1 x PH3, 2 x PZ1 / 3 x PZ2 / 1 x PZ3, 2 x TX10 / 2 x TX15 / 3 x TX20 / 3 x TX25 / 2 x TX30 / 1 x TX40. 7 x 50 mm length 1 x PH2 / 1 x PZ2, 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30 / 1x TX40. 3 x SHOCKWAVE™ magnetic nut drivers: 48 mm length 1 x Hex 7 mm / 1 x Hex 8 mm / 1 x Hex 10 mm. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	35	6	**4932492003**	4058546413705
⑥	**SHOCKWAVE™ IMPACT DUTY bit set (38 pc)** SHOCKWAVE™ screwdriving bits: 16 x 25 mm length 1 x PH1 / 2 x PH2, 1 x PZ1 / 2 x PZ2 , 1 x TX10 / 1 x TX15 / 2 x TX20 / 3 x TX25 / 2 x TX30 / 1 x TX40. 21 x 50 mm length 1 x PH1 / 3 x PH2 / 1 x PH3, 1 x PZ1 / 3 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 1 x TX20 / 2 x TX25 / 3 x TX30 / 3 x TX40. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	38	6	**4932492009**	4058546413767
⑦	**SHOCKWAVE™ IMPACT DUTY bit set (40 pc)** SHOCKWAVE™ screwdriving bits: 25 x 25 mm length 1 x PH1 / 2 x PH2, 1 x PZ1 / 3 x PZ2, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50, 1 x Hex 4 mm / 1 x Hex 5 mm, 1 x SL 0.6 x 4.5 / 1 x SL 0.8 x 5.5 / 1 x SL 1.2 x 6.5. 8 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30. SHOCKWAVE™ magnetic bit holder: 1 x 60 mm length, 1 x 152 mm length. 3 x SHOCKWAVE™ 1/4" Hex drill bits: Ø 3 / 4 / 5 mm. 2 x SHOCKWAVE™ magnetic nut drivers: 48 mm length 1 x Hex 8 mm / 1 x Hex 10 mm	40	6	**4932492004**	4058546413712

① 

② 

③ 

④ 

⑤ 

SHOCKWAVE™ IMPACT DUTY sets

DESIGNED FOR USE IN PACKOUT™

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	SHOCKWAVE™ IMPACT DUTY bit set (48 pc)				
⑧	SHOCKWAVE™ screwdriving bits: 24 x 25 mm length 1 x PH1 / 3 x PH2 / 1 x PH3, 1 x PZ1 / 3 x PZ2 / 1 x PZ3, 2 x TX10 / 1 x TX15 / 3 x TX20 / 3 x TX25 / 2 x TX30 / 1 x TX40, 1 x Hex 4 mm / 1 x Hex 5 mm. 16 x 50 mm length 2 x PH2 / 1 x PH3, 2 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 2 x TX20 / 2 x TX25 / 2 x TX30 / 2 x TX40. 4 x 90 mm length 1 x PH2, 1 x PZ2, 1 x TX20 / 1 x TX25. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length. 3 x SHOCKWAVE™ 1/4" Hex multi - material drill bits: Ø 5 / 6 / 8 mm	48	6	**4932492005**	4058546413729
	SHOCKWAVE™ IMPACT DUTY bit set (56 pc)				
⑨	SHOCKWAVE™ screwdriving bits: 48 x 25 mm length 2 x PH1 / 3 x PH2 / 1 x PH3, 3 x PZ1 / 4 x PZ2 / 2 x PZ3, 3 x TX10 / 3 x TX15 / 4 x TX20 / 4 x TX25 / 4 x TX30 / 3 x TX40 / 2 x TX50, 2 x Hex 4 mm / 2 x Hex 5 mm, 2 x SL 0.6 x 4.5 / 2 x SL 0.8 x 5.5 / 2 x SL 1.2 x 6.5. 7 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	56	6	**4932492006**	4058546413736
	SHOCKWAVE™ IMPACT DUTY bit set (70 pc)				
⑩	SHOCKWAVE™ screwdriving bits: 48 x 25 mm length 1 x PH1 / 2 x PH2, 3 x PZ1 / 24 x PZ2 / 5 x PZ3, 1 x TX10 / 1 x TX15 / 2 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40, 2 x Hex 4 mm / 2 x Hex 5 mm. 19 x 50 mm length 1 x PH1 / 3 x PH2, 1 x PZ1 / 5 x PZ2 / 3 x PZ3, 1 x TX20 / 1 x TX25 / 2 x TX30 / 2 x TX40. 2 x SHOCKWAVE™ nut drivers 48 mm length: Hex 8 mm / Hex 10 mm. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	70	6	**4932492007**	4058546413743
	SHOCKWAVE™ IMPACT DUTY XL TX bit set (75 pc)				
⑪	SHOCKWAVE™ screwdriving bits: 60 x 25 mm length 1 x PH1 / 2 x PH2, 1 x PZ1 / 3 x PZ2 / 1 x PZ3, 2 x TX10 / 4 x TX15 / 12 x TX20 / 12 x TX25 / 12 x TX30 / 2 x TX40 / 1 x TX50, 1 x TX B07 / 1 x TX B08 / 1 x TX B09 / 1 x TX B010 / 1 x TX B015, 1 x Hex 4 mm / 1 x Hex 5 mm. 12 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 2 x TX15 / 2 x TX20 / 2 x TX25 / 2 x TX30. 2 x SHOCKWAVE™ nut drivers 48 mm length: Hex 8 mm / Hex 10 mm. 1 x SHOCKWAVE™ magnetic bit holder 60 mm length	75	6	**4932492008**	4058546413750



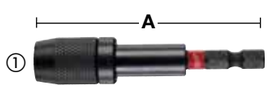


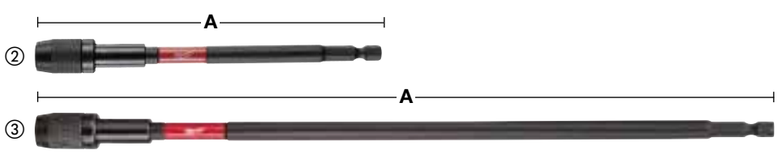


SHOCKWAVE™ IMPACT DUTY locking bit holder

Dual internal magnets ensure magnetism to fasteners.
Auto-Locking - One handed bit release.
1/4" Hex reception (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

	Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Locking bit holder 73 mm	73	1	1	**4932459398**	4058546010591
②	Locking bit holder 152 mm - long series	152	1	1	**4932471824**	4058546297237
③	Locking bit holder 305 mm - long series	305	1	1	**4932471825**	4058546297244





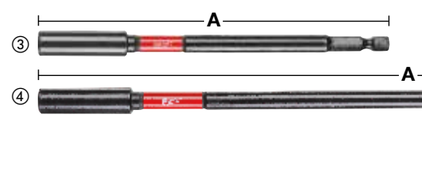
SHOCKWAVE™ IMPACT DUTY magnetic bit holder

Custom engineered steel and heat treatment for maximum strength and flexibility.
Optimised SHOCK ZONE™ absorbs up to 3X more torque for more resistance to shock from impacting.
Strong magnetic tip for secure grip.
1/4" Hex reception (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

	Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Magnetic bit holder 60 mm	60	1	1	**4932352406**	4002395370658
②	Magnetic bit holder 60 mm - jam jar (100pc)	60	1	100	**4932430478**	4002395381395
③	Magnetic bit holder 152 mm - long series	152	1	1	**4932471822**	4058546297213
④	Magnetic bit holder 305 mm - long series	305	1	1	**4932471823**	4058546297220
	Magnetic Bit Holder Drive Guide 75 mm	75	1	1	**4932500395**	4058546616977
	Magnetic Bit Holder Screw Engaging 75 mm	75	1	1	**4932500396**	4058546616984







SHOCKWAVE™ IMPACT DUTY magnetic nut drivers

Custom engineered steel and heat treatment for maximum strength and extreme durability.
Strong magnetic tip for secure grip.
1/4" Hex reception (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

Size AF (across flats) (mm)	For anchor thread size	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
5.5	M3	65	1	1	**4932492434**	4058546418014
6	M3 .5	65	1	1	**4932492435**	4058546418021
1/4"	-	65	1	1	**4932492436**	4058546418038
7	M4	65	1	1	**4932492437**	4058546418045
5/16"	-	65	1	1	**4932492438**	4058546418052
8	M5	65	1	1	**4932492439**	4058546418069
8	M5	150	1	1	**4932492446**	4058546418137
3/8"	-	65	1	1	**4932492440**	4058546418076
10	M6	65	1	1	**4932492441**	4058546418083
10	M6	150	1	1	**4932492447**	4058546418144
12	M7	65	1	1	**4932492442**	4058546418090
13	M8	65	1	1	**4932492443**	4058546418106
13	M8	150	1	1	**4932492448**	4058546418151
17	M10	65	1	1	**4932492444**	4058546418113
① SHOCKWAVE™ IMPACT DUTY magnetic nut driver set (4pc) Ø 7 / 8 / 10 / 13 mm			4	1	**4932492445**	4058546418120
② Nut Driver long Set (3) 150 mm size 8,10,13			3	1	**4932499426**	4058546565909



DESIGNED FOR USE IN PACKOUT™

SHOCKWAVE™ Dual Nut Drivers

The Dual SHOCKWAVE™ IMPACT DUTY Nut Drivers features the most durable magnet and 2-in-1 size versatility.
The cleaning mechanism allows fast and easy removal of metal shavings from the magnet to prevent fastener from head stripping.
The Dual Nut Drivers features a powerful magnet that allows a strong fastener engagement.
The optimized SHOCK ZONE™ absorbs peak torque and prevents bit breakage.
Made from heat treated steel to control hardness and extend bit life.
The nut drivers feature two color-coded rings for quick and easy size identification.
Designed for use with impact drivers and drill drivers.



	Size AF (across flats) (mm)	For anchor thread size	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
	7 - 8	M4 - M5	65	1	1	**4932493343**	4058546482145
	8 - 10	M5 - M6	65	1	1	**4932493344**	4058546482152
	10 - 13	M6 - M8	65	1	1	**4932493345**	4058546482169
①	Dual Nut Driver Set (3) 1 x 7-8mm, 1 x 8-10mm, 1 x 10-13mm			3	1	**4932493559**	4058546484309

SHOCKWAVE™ IMPACT DUTY socket adaptors - Hex reception

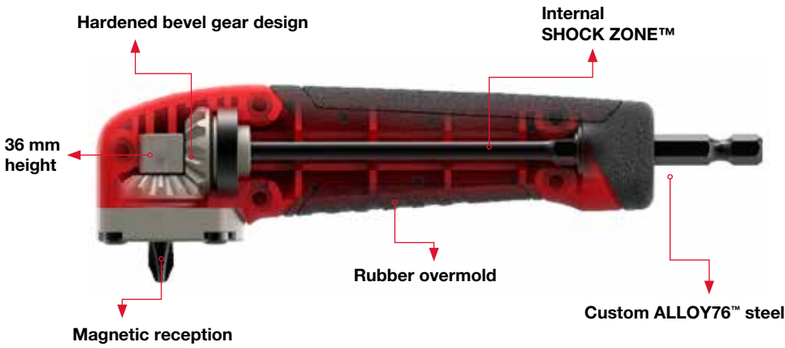
	Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Socket adaptor: 1/4" Hex - 1/4" square. DIN 3126 - E 6.3	50	1	1	**4932471826**	4058546297251
②	Socket adaptor: 1/4" Hex - 3/8" square. DIN 3126 - E 6.3	50	1	1	**4932478054**	4058546339876
③	Socket adaptor: 1/4" Hex - 1/2" square. DIN 3126 - E 6.3	50	1	1	**4932478803**	4058546360856
④	Socket adaptor: 7/16" Hex - 1/2" square	70	1	1	**4932480586**	4058546408718
⑤	SHOCKWAVE™ IMPACT DUTY socket adaptor set (3pc) 1 x 1/4"Hex - 1/4" square, 1 x 1/4"Hex - 3/8"square, 1 x 1/4"Hex - 1/2"square		3	1	**4932479228**	4058546370220



SHOCKWAVE™ right angle attachment

The right angle attachment is a useful device for screwdriving or drilling applications in restricted, difficult to reach areas.
Impact rated: suitable to use with latest 18V impact drivers as well as cordless drill drivers.
Internal SHOCK ZONE™ and advanced gear design for excellent power transmission and impact durability.
For all 1/4“ Hex driving and drilling accessories.
Very compact design: only 36 mm in height and a true 90° angle to allow access into confined spaces.
Ergonomic rubber overmold for secure and comfortable handling.
Pack contains 1 x right angle attachment and 10 x 25 mm screwdriving bits.









Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Counter display SHOCKWAVE™ Right Angle Attachment set (11pc) 1 x Right Angle Attachment, 1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30	11	12	**4932471274**	4058546289027

SHOCKWAVE™ KNUCKLE™ offset attachment

Impact rated: suitable to use with latest 18V impact drivers as well as cordless drill drivers.
Very compact offset attachment.
Ideally suited to working in confined and limited spaces.
Solid metal construction to absorb impact action.
0° and 30° positions.
1/4" Hex shank fits directly into the chuck preventing slippage.





* Height when 30° tilted 40 mm

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Counter display KNUCKLE™ set (11pc) 1 x KNUCKLE™, 1 x PH1 / 2 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 1 x TX25	11	10	**4932459781**	4058546029531

OSD2 - Offset screwdriver/ drill angle attachment

The OSD 2 screwdriver / drill angle attachment is the ideal solution for all screwdriving and drilling applications in restricted areas. ¼″ magnetic Hex bit reception accepts both standard 25 mm (C 6.3) and ball end reception (E 6.3), with bit locking mechanism. Metal gears and housing for smooth and precise running and excellent power transmission. 360° rotatable softgrip side handel for left and right hand use with 4 lock positions. Two step Hex shaft to fit either ¼″ (6 mm) Hex shaft or 10 mm Hex shaft. Industrial quality designed for use with all cordless tools in applications up to 40 Nm torque and a maximum of 1750 rpm. The OSD2 is capable of both drilling and screwdriving applications, offering maximum versatility.
Only 51 mm in height for use in confined spaces.









	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**OSD 2**	1	1	**4932352320**	4002395369799
②	**Counter display** 6 x OSD 2 (4932352320)	6	1	**4932352321**	4002395369805

Screwdriving Bits



The ribs are cold formed to exact specification ensuring reduced wear from slippage. The tip is subjected to a special hardening process with temperatures up to 870°C.
The outcome is a bit with a hardness of 60 HRC. This extra hard tip ensures extra long life under constant use.
The body is manufactured from the highest quality S2 european steel.
The sign of quality: All bits are laser marked with the MILWAUKEE® logo and tip reception for easy identification.

	Type	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Phillips						
	PH 1	25	25	1	**4932399586**	4002395362363
	PH 2	25	25	1	**4932399587**	4002395362370
	PH 3	25	25	1	**4932399588**	4002395362387
Pozidrive						
	PZ 1	25	25	1	**4932399589**	4002395362394
	PZ 2	25	25	1	**4932399590**	4002395362400
	PZ 3	25	25	1	**4932399591**	4002395362417
Torx						
	TX 10	25	25	1	**4932399594**	4002395362448
	TX 10	25	25	10	**4932500398**	4058546617004
	TX 15	25	25	1	**4932399595**	4002395362455
	TX 20	25	25	1	**4932399596**	4002395362462
	TX 25	25	25	1	**4932399597**	4002395362479
	TX 30	25	25	1	**4932399599**	4002395362493
	TX 40	25	25	1	**4932399600**	4002395362509

Screwdriving bit cassettes

This high quality cassette aimed at the professional user is available in 3 different assortments.
Slimline pocket design: 110 mm x 65 mm x 15 mm.
Secure latch system - easy opening and safe closing.
Extra side compartment accepts either 50 mm screwdriving bits or drill bits.
Front window to protect bits from dust.
High quality screwdriving bits with hardness of 60 HRC and ¼″ Hex reception. 25 mm bits manufactured according to DIN 3126 - C 6.3. 50 mm bits are manufactured according to DIN 3126 - E 6.3.
Magnetic bit holder with quick release clutch.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Compact screwdriving bit set (12pc)				
25 mm: SL 0.8 x 5.5 mm x 1. 25 mm: PH 1 x 1 / PH 2 x 2 / PH 3 x 1. 25 mm: PZ 1 x 1 / PZ 2 x 2 / PZ 3 x 1. 50 mm: PH 2 x 1. 50 mm: PZ 2 x 1. Magnetic bit holder with quick release clutch	12	1	**4932399513**	4002395361601



Screwdriving bits sets

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Screwdriving bit set (27pc)				
Screwdriving bits 25 mm length: PH 1 x 2 / PH 2 x 2 / PH 3 x 1. PZ 1 x 2 / PZ 2 x 4 / PZ 3 x 2. TX 10 x 2 / TX 15 x 3 / TX 20 x 3. TX 25 x 3 / TX 30 x 1 / TX 40 x 1. Magnetic bit holder with quick release clutch.	27	1	**4932352747**	4002395374052



Magnetic bit holders

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Magnetic bit holder with quick release clutch, total length 58 mm	1	1	**4932373483**	4002395351060
②	Magnetic bit holder for drywall	1	1	**4932430179**	4002395378401



NEXT GENERATION
SHOCKWAVE IMPACT SOCKETS

SHOCKWAVE IMPACT DUTY™



6 POINT
HEX GEOMETRY

DUAL HOLE
DESIGN FOR EASIER ATTACHMENT

Milwaukee
49-66-6412

LASER-ETCHED
LOGO & PART NUMBER

32

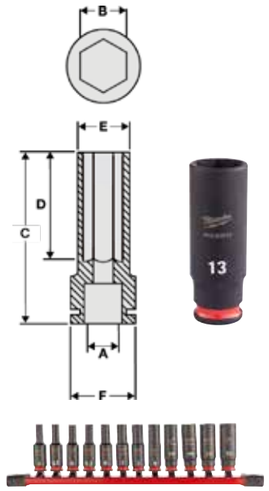
STAMPED
AND INK FILLED SIZES

FORGED
HIGH TORQUE IMPACT STEEL

COLOUR BAND
INK FILLED

1/4" SHOCKWAVE™ IMPACT DUTY impact sockets - deep

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" square	4	50	1.9	7.60	M2	1	1	**4932480251**	4058546405366
1/4" square	4.5	50	2.2	8	-	1	1	**4932480252**	4058546405373
1/4" square	5	50	2.8	8	M2.5	1	1	**4932480253**	4058546405380
1/4" square	5.5	50	2.8	8.5	M3	1	1	**4932480254**	4058546405397
1/4" square	6	50	3.1	9.6	M3.5	1	1	**4932480255**	4058546405403
1/4" square	7	50	3.6	10.8	M4	1	1	**4932480256**	4058546405410
1/4" square	8	50	3.6	12	M5	1	1	**4932480257**	4058546405427
1/4" square	9	50	4.1	13	-	1	1	**4932480258**	4058546405434
1/4" square	10	50	4.6	13.8	M6	1	1	**4932480259**	4058546405441
1/4" square	11	50	5.5	13.8	-	1	1	**4932480260**	4058546405458
1/4" square	12	50	6.1	14.7	M7	1	1	**4932480261**	4058546405465
1/4" square	13	50	6.8	15.7	M8	1	1	**4932480262**	4058546405472
1/4" SHOCKWAVE™ IMPACT DUTY socket rail set (12pc)									
12 x 1/4" sockets: 4 / 4.5 / 5 / 5.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 and socket rail						12	1	**4932480453**	4058546407384



1/4" SHOCKWAVE™ IMPACT DUTY Foam Inserts

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" SHOCKWAVE™ IMPACT DUTY Sockets deep foam set (17pc)	17	1		
SHOCKWAVE™ IMPACT DUTY1/4" deep sockets: 4/4.5/5/5.5/6/7/8/9/10/11/12/13mm, magnetic bit holder 152 mm, magnetic bit holder 305mm, screwdriving bit set 32 pcs, adaptor 1/4" Hex --> 1/4" square, adaptor 1/4" square --> 1/4" Hex, Foam 417x177mm			**4932493386**	4058546482572
Replacement foam for 1/4" deep sockets. Size 417x177mm	1	1	**4932493385**	4058546482565



Adaptor ShW 1/4" SQ - 1/4" Hex-1pc

Socket adapter 1/4" square to 1/4" Hex
Only suitable for screwdriving bits >50mm

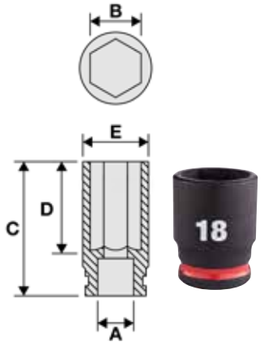
Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Socket adaptor. 1/4" square - 1/4" hex	45	1	1	**4932493425**	4058546482961



SHOCKWAVE IMPACT DUTY™

3/8" SHOCKWAVE™ IMPACT DUTY impact sockets - standard

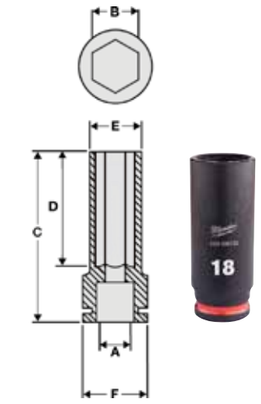
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8" square	6	32	3.1	10.5	M3.5	1	1	**4932480263**	4058546405489
3/8" square	7	32	3.1	12.6	M4	1	1	**4932480264**	4058546405496
3/8" square	8	32	3.6	13.9	M5	1	1	**4932480265**	4058546405502
3/8" square	9	32	4.1	14.5	-	1	1	**4932480266**	4058546405519
3/8" square	10	32	4.6	15.8	M6	1	1	**4932480267**	4058546405526
3/8" square	11	32	5.5	16.9	-	1	1	**4932480268**	4058546405533
3/8" square	12	32	6.1	18.2	M7	1	1	**4932480269**	4058546405540
3/8" square	13	32	6.8	19.5	M8	1	1	**4932480270**	4058546405557
3/8" square	14	32	8.4	20.5	-	1	1	**4932480271**	4058546405564
3/8" square	15	32	8.4	21.8	-	1	1	**4932480272**	4058546405571
3/8" square	16	32	9.6	23.8	M10 (ISO)	1	1	**4932480273**	4058546405588
3/8" square	17	34	9.6	24.8	M10 (DIN)	1	1	**4932480274**	4058546405595
3/8" square	18	34	10.2	25.8	M12	1	1	**4932480275**	4058546405601
3/8" square	19	34	11	27.6	-	1	1	**4932480276**	4058546405618
3/8" square	20	34	11	27.8	-	1	1	**4932480277**	4058546405625
3/8" square	21	34	11.7	29.8	M14	1	1	**4932480278**	4058546405632
3/8" square	22	34	12.5	31.6	-	1	1	**4932480279**	4058546405649
3/8" SHOCKWAVE™ IMPACT DUTY socket standard rail set (9pc)									
8 x impact standard sockets: 8 / 10 / 12 / 13 / 14 / 15 / 17 / 19 mm and socket rail						9	1	**4932480454**	4058546407391





3/8" SHOCKWAVE™ IMPACT DUTY impact sockets - deep

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8" square	6	65	3.1	10.5	M3.5	1	1	**4932480280**	4058546405656
3/8" square	7	65	3.6	12.6	M4	1	1	**4932480281**	4058546405663
3/8" square	8	65	3.6	13.9	M5	1	1	**4932480282**	4058546405670
3/8" square	9	65	4.1	14.5	-	1	1	**4932480283**	4058546405687
3/8" square	10	65	4.6	15.8	M6	1	1	**4932480284**	4058546405694
3/8" square	11	65	5.5	16.9	-	1	1	**4932480285**	4058546405700
3/8" square	12	65	6.1	18.8	M7	1	1	**4932480286**	4058546405717
3/8" square	13	65	6.8	19.5	M8	1	1	**4932480287**	4058546405724
3/8" square	14	65	8.4	20.5	-	1	1	**4932480288**	4058546405731
3/8" square	15	65	8.4	21.8	-	1	1	**4932480289**	4058546405748
3/8" square	16	65	9.6	23.8	M10 (ISO)	1	1	**4932480290**	4058546405755
3/8" square	17	65	9.6	24.8	M10 (DIN)	1	1	**4932480291**	4058546405762
3/8" square	18	65	10.2	25.8	M12	1	1	**4932480292**	4058546405779
3/8" square	19	65	11	27.6	-	1	1	**4932480293**	4058546405786
3/8" square	20	65	11	27.8	-	1	1	**4932480294**	4058546405793
3/8" square	21	65	11.7	29.8	M14	1	1	**4932480295**	4058546405809
3/8" square	22	65	12.5	31.6	-	1	1	**4932480296**	4058546405816
① **3/8" SHOCKWAVE™ IMPACT DUTY socket deep rail set (9pc)**									
8 x impact deep sockets: 8 / 10 / 12 / 13 / 14 / 15 / 17 / 19 mm and socket rail						9	1	**4932480455**	4058546407407
② **3/8" PACKOUT™ SHOCKWAVE™ IMPACT DUTY socket set (19pc)**									
19 x 3/8" Impact sockets deep: 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / 18 / 19 / 20 / 21 / 22 / 23 / 24 mm, 1 x 4932471065 PACKOUT™ slim organizer						19	1	**4932480946**	4058546412319



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SHOCKWAVE IMPACT DUTY™

3/8˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

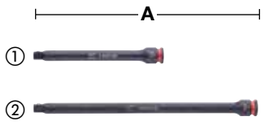
	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	3/8“ sockets STD foam set (23pc)	23	1		
①	SHOCKWAVE™ IMPACT DUTY 3/8“ STD sockets: 6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22mm, extension - 150mm, extension - 250mm, adaptor 3/8“ square --> 1/4“ square, adaptor 3/8“ square --> 1/2“ square, 3/8“ swivel, adaptor 3/8“ square --> 1/4“ Hex, Foam 417x177mm			**4932493388**	4058546482596
	3/8“ Sockets deep foam set (23pc)	23	1		
②	SHOCKWAVE™ IMPACT DUTY 3/8“ deep sockets: 6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22mm, extension - 150mm, extension - 250mm, adaptor 3/8“ square --> 1/4“ square, adaptor 3/8“ square --> 1/2“ square, swivel 3/8“, adaptor 3/8“ square --> 1/4“ Hex, Foam 417x177mm			**4932493390**	4058546482619
	Replacement foam for 3/8“ STD sockets. Size 417x177mm	1	1	**4932493387**	4058546482589
	Replacement foam for 3/8“ deep sockets. Size 417x177mm	1	1	**4932493389**	4058546482602

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3/8˝ impact sockets - extensions

	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	3/8˝ extension - 150 mm	150	1	1	**4932480297**	4058546405823
②	3/8˝ extension - 250 mm	250	1	1	**4932480298**	4058546405830



3/8˝ impact sockets - adaptors

	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Socket adaptor. 3/8˝ square - 1/4˝ square	28	1	1	**4932480299**	4058546405847
②	Socket adaptor. 3/8˝ square - 1/2˝ square	37	1	1	**4932480300**	4058546405854
③	Socket adaptor. 3/8˝ square - 1/4˝ hex	50	1	1	**4932493426**	4058546482978



3/8˝ impact sockets - swivel joint

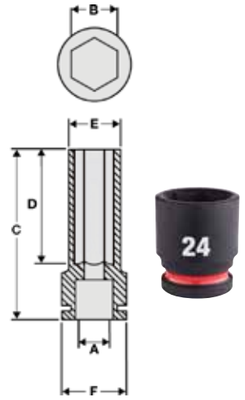
	Description	Angle capacity	Pack quantity	Min. order quantity	Article Number	EAN Code
	3/8˝ universal swivel joint	15°	1	1	**4932480301**	4058546405861



SHOCKWAVE IMPACT DUTY™

1/2˝ SHOCKWAVE™ IMPACT DUTY impact sockets - standard

A	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ square	8	38	4.2	15.0	M5	1	1	**4932480302**	4058546405878
1/2˝ square	9	38	4.5	16.3	-	1	1	**4932480303**	4058546405885
1/2˝ square	10	38	4.6	17.5	M6	1	1	**4932480304**	4058546405892
1/2˝ square	11	38	5.5	18.0	-	1	1	**4932480305**	4058546405908
1/2˝ square	12	38	6.1	19.0	M7	1	1	**4932480306**	4058546405915
1/2˝ square	13	38	6.8	20.0	M8	1	1	**4932480307**	4058546405922
1/2˝ square	14	38	8.4	22.0	-	1	1	**4932480308**	4058546405939
1/2˝ square	15	38	8.4	23.0	-	1	1	**4932480309**	4058546405946
1/2˝ square	16	38	9.6	24.0	M10 (ISO)	1	1	**4932480310**	4058546405953
1/2˝ square	17	38	9.6	26.2	M10 (DIN)	1	1	**4932480311**	4058546405960
1/2˝ square	18	38	10.2	27.5	M12	1	1	**4932480312**	4058546405977
1/2˝ square	19	38	11.1	28.5	-	1	1	**4932480313**	4058546405984
1/2˝ square	20	38	11.5	29.2	-	1	1	**4932480314**	4058546405991
1/2˝ square	21	38	11.7	30.0	M14	1	1	**4932480315**	4058546406004
1/2˝ square	22	38	12.5	31.8	-	1	1	**4932480316**	4058546406011
1/2˝ square	23	40	12.7	33.8	-	1	1	**4932480317**	4058546406028
1/2˝ square	24	40	13.9	34.2	M16	1	1	**4932480318**	4058546406035
1/2˝ square	25	42	14.0	35.8	-	1	1	**4932480319**	4058546406042
1/2˝ square	26	42	14.6	37.0	-	1	1	**4932480320**	4058546406059
1/2˝ square	27	42	15.0	38.2	M18	1	1	**4932480321**	4058546406066
1/2˝ square	28	42	15.4	38.8	-	1	1	**4932480322**	4058546406073
1/2˝ square	29	42	16.7	42.0	-	1	1	**4932480323**	4058546406080
1/2˝ square	30	44	16.7	42.8	M20	1	1	**4932480324**	4058546406097
1/2˝ square	31	43	25	43.8	-	1	1	**4932500298**	4058546616007
1/2˝ square	32	44	18.3	43.8	M22	1	1	**4932480325**	4058546406103
1/2˝ square	33	43	25	46.8	-	1	1	**4932500299**	4058546616014
1/2˝ square	34	47	29	46.8	-	1	1	**4932500300**	4058546616021
1/2˝ square	35	47	29	49.8	-	1	1	**4932500301**	4058546616038
1/2˝ square	36	47	29	50	-	1	1	**4932500302**	4058546616045
1/2" SHOCKWAVE™ IMPACT DUTYsocket set STD (13pc) 10 x STD sockets: 10,12,13,14,15,17,19,21,22,24, 1 x universal joint 15°,1 x adaptor ¼" Hex - ½" square, 1 x extension 150 mm						13	1	**4932480456**	4058546407414





1/2˝ SHOCKWAVE™ IMPACT DUTY automotive impact sockets

Colour coded for easy identification.
Made from high quality alloy steel for strength and durability.
The lug nut sockets are thin-walled for easy access in tight wheel assemblies.
Supplied on a magnetic rail.



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ square	17	80	12	27	1	1	**4932493371**	4058546482428
1/2˝ square	19	80	12	29	1	1	**4932493372**	4058546482435
1/2˝ square	21	80	12	31	1	1	**4932493373**	4058546482442
1/2˝ square	22	80	12	33	1	1	**4932493374**	4058546482459
Hex Socket ShW 1/2“ Auto Set-3pc 1/2“ Automotive Hex Sockets 17/19/21 supplied on a magnetic rail					3	1	**4932493370**	4058546482411

SHOCKWAVE IMPACT DUTY™

½" SHOCKWAVE™ IMPACT DUTY impact sockets - deep

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
	½˝ square	8	78	4.2	15.0	M5	1	1	**4932480326**	4058546406110
	½˝ square	9	78	4.2	16.3	-	1	1	**4932480327**	4058546406127
	½˝ square	10	78	4.8	17.5	M6	1	1	**4932480328**	4058546406134
	½˝ square	11	78	5.5	18.0	-	1	1	**4932480329**	4058546406141
	½˝ square	12	78	6.1	19.0	M7	1	1	**4932480330**	4058546406158
	½˝ square	13	78	6.8	20.0	M8	1	1	**4932480331**	4058546406165
	½˝ square	14	78	8.4	22.0	-	1	1	**4932480332**	4058546406172
	½˝ square	15	78	8.4	23.0	-	1	1	**4932480333**	4058546406189
	½˝ square	16	78	9.8	24.0	M10 (ISO)	1	1	**4932480334**	4058546406196
	½˝ square	17	78	9.8	26.2	M10 (DIN)	1	1	**4932480335**	4058546406202
	½˝ square	18	78	10.2	27.0	M12	1	1	**4932480336**	4058546406219
	½˝ square	19	78	11.1	28.0	-	1	1	**4932480337**	4058546406226
	½˝ square	20	78	11.5	29.3	-	1	1	**4932480338**	4058546406233
	½˝ square	21	78	11.7	30.0	M14	1	1	**4932480339**	4058546406240
	½˝ square	22	78	12.5	31.3	-	1	1	**4932480340**	4058546406257
	½˝ square	23	78	12.7	33.8	-	1	1	**4932480341**	4058546406264
	½˝ square	24	78	13.9	34.2	M16	1	1	**4932480342**	4058546406271
	½˝ square	25	78	14.0	35.8	-	1	1	**4932480343**	4058546406288
	½˝ square	26	78	14.8	37.0	-	1	1	**4932480344**	4058546406295
	½˝ square	27	78	15.8	38.2	M18	1	1	**4932480345**	4058546406301
	½˝ square	28	78	15.8	39.2	-	1	1	**4932480346**	4058546406318
	½˝ square	29	78	15.8	42.0	-	1	1	**4932480347**	4058546406325
	½˝ square	30	78	15.8	42.9	M20	1	1	**4932480348**	4058546406332
	½˝ square	32	78	18.1	43.5	M22	1	1	**4932480349**	4058546406349
	½˝ square	33	78	47	45.3	-	1	1	**4932480350**	4058546406356
	½˝ square	36	78	20.0	50.0	M24	1	1	**4932480351**	4058546406363

①	**½" SHOCKWAVE™ IMPACT DUTY deep socket set (10pc)** 10 x deep sockets: 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm	10	1	**4932480457**	4058546407421
②	**½˝ PACKOUT™ SHOCKWAVE™ IMPACT DUTY socket set (16pc)** 16 x ½˝ Impact sockets deep: 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / 18 / 19 / 20 / 21 / 22 / 23 / 24 / 75 mm extension, 1 x 4932464083 PACKOUT™ compact organizer	16	1	**4932480943**	4058546412289



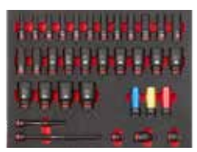
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½˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	1/2" Sockets STD foam set (32pc)	32	1		
①	SHOCKWAVE™ IMPACT DUTY 1/2" STD socket: 8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/32mm, Automotive Set 1/2": 17/19/21mm, extension - 150mm, extension - 250mm, adaptor 1/2" square --> 3/8" square, adaptor 1/2" square --> 3/4" square, 1/2" swivel, Foam with plastic base 417x536mm			**4932493392**	4058546482633
	1/2" Sockets deep foam set (34pc)	34	1		
②	SHOCKWAVE™ IMPACT DUTY 1/2" deep Sockets: 8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/32/33/36mm, Automotive Set 1/2": 17/19/21mm, extension - 150mm, extension - 250mm, adaptor 1/2" square --> 3/8" square, adapter 1/2" square --> 3/4" square, 1/2" Swivel, Foam with plastic base 417x536mm			**4932493394**	4058546482657
	Replacement foam with plastic base for 1/2" STD sockets. Size 417x536mm	1	1	**4932493391**	4058546482626
	Replacement foam with plastic base for 1/2" deep sockets. Size 417x536mm	1	1	**4932493393**	4058546482640

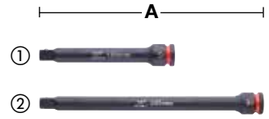
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SHOCKWAVE IMPACT DUTY™

½" impact sockets - extensions

	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	½" extension - 150 mm	150	1	1	**4932480352**	4058546406370
②	½" extension - 250 mm	250	1	1	**4932480353**	4058546406387



½" impact sockets - reducers

	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Socket adaptor. ½" square - 3/8" square	38	1	1	**4932480354**	4058546406394
②	Socket adaptor. ½" square - 3/4" square	48	1	1	**4932480355**	4058546406400
③	Socket adaptor: 1/2˝ square - 1/4˝ Hex. To accept screwdriving bits	50	1	1	**4932471828**	4058546297275
④	**½" SHOCKWAVE™ IMPACT DUTY adaptor set (4pc)** 4 adaptors: 3/8"SQ-1/4"SQ, 3/8"SQ-1/2"SQ, 1/2"SQ-3/8"SQ, 1/2"SQ-3/4"SQ		4	1	**4932480356**	4058546406417



½˝ SHOCKWAVE™ IMPACT DUTY universal joint

Description	Angle capacity	Pack quantity	Min. order quantity	Article Number	EAN Code
½˝ SHOCKWAVE™ IMPACT DUTY universal joint	15°	1	1	**4932480357**	4058546406424



½˝ impact TX bit sockets

One-piece design TX bit and socket with 1/2" internal square drive reception according to DIN 3121 / ISO 1174-2. Suitable for higher torque fastening applications, fits directly onto 1/2" impact tools.

Description	Tool reception	Pack quantity	Min. order quantity	Article Number	EAN Code
TX30 1/2" impact bit socket	½˝ square	1	1	**4932478059**	4058546339920
TX40 1/2" impact bit socket	½˝ square	1	1	**4932478060**	4058546339937
TX45 1/2" impact bit socket	½˝ square	1	1	**4932478061**	4058546339944
TX50 1/2" impact bit socket	½˝ square	1	1	**4932478062**	4058546339951



½˝ impact HEX bit sockets

One-piece design HEX bit and socket with 1/2" internal square drive reception according to DIN 3121 / ISO 1174-2. Suitable for higher torque fastening applications, fits directly onto 1/2" impact tools.

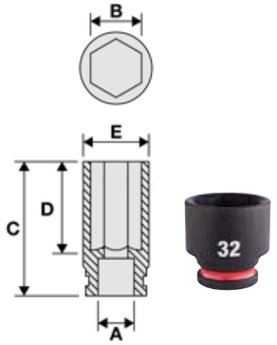
Description	Tool reception	Pack quantity	Min. order quantity	Article Number	EAN Code
HEX5 1/2" impact bit socket	½˝ square	1	1	**4932478063**	4058546339968
HEX6 1/2" impact bit socket	½˝ square	1	1	**4932478064**	4058546339975
HEX8 1/2" impact bit socket	½˝ square	1	1	**4932478065**	4058546339982
HEX10 1/2" impact bit socket	½˝ square	1	1	**4932478066**	4058546339999
HEX12 1/2" impact bit socket	½˝ square	1	1	**4932478067**	4058546340001



SHOCKWAVE IMPACT DUTY™

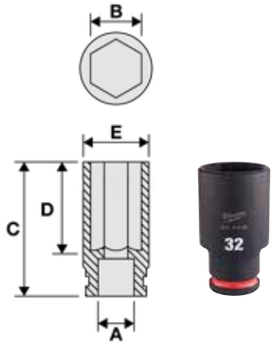
3/4˝ SHOCKWAVE™ IMPACT DUTY impact sockets - standard

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
3/4˝ square	17	53	9.6	30	M10 (DIN)	1	1	**4932480361**	4058546406462
3/4˝ square	19	53	11.1	33	-	1	1	**4932480362**	4058546406479
3/4˝ square	21	53	11.7	35	M14	1	1	**4932480363**	4058546406486
3/4˝ square	22	53	12,5	36	-	1	1	**4932480364**	4058546406493
3/4˝ square	23	53	12.7	37.6	-	1	1	**4932480365**	4058546406509
3/4˝ square	24	53	13.9	38	M16	1	1	**4932480366**	4058546406516
3/4˝ square	27	53	15.8	41	M18	1	1	**4932480367**	4058546406523
3/4˝ square	30	53	16.7	46	M20	1	1	**4932480368**	4058546406530
3/4˝ square	32	57	18.3	48	M22	1	1	**4932480369**	4058546406547
3/4˝ square	33	57	19.1	50	-	1	1	**4932480370**	4058546406554
3/4˝ square	34	57	20	51	-	1	1	**4932480371**	4058546406561
3/4˝ square	36	57	22.3	53.5	M24	1	1	**4932480372**	4058546406578
3/4˝ square	38	57	22.3	58	-	1	1	**4932480373**	4058546406585
3/4˝ square	39	57	21.5	58	-	1	1	**4932480374**	4058546406592
3/4˝ square	41	58	24.9	59.5	M27	1	1	**4932480375**	4058546406608
3/4˝ square	46	62	28.6	66.2	M30	1	1	**4932480376**	4058546406615
3/4˝ square	50	65	29.8	66.2	M33	1	1	**4932480377**	4058546406622



3/4˝ SHOCKWAVE™ IMPACT DUTY impact sockets - deep

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
3/4˝ square	17	90	9.6	30	M10 (DIN)	1	1	**4932480378**	4058546406639
3/4˝ square	19	90	11.1	33	-	1	1	**4932480379**	4058546406646
3/4˝ square	21	90	11.7	35	M14	1	1	**4932480380**	4058546406653
3/4˝ square	22	90	12.5	36	-	1	1	**4932480381**	4058546406660
3/4˝ square	23	90	12.7	37.6	-	1	1	**4932480382**	4058546406677
3/4˝ square	24	90	13.9	38	M16	1	1	**4932480383**	4058546406684
3/4˝ square	25	90	14	40.5	-	1	1	**4932480384**	4058546406691
3/4˝ square	26	90	14.6	40.8	-	1	1	**4932480385**	4058546406707
3/4˝ square	27	90	15.8	41	M18	1	1	**4932480386**	4058546406714
3/4˝ square	28	90	16.3	45.2	-	1	1	**4932480387**	4058546406721
3/4˝ square	29	90	16.7	46	-	1	1	**4932480388**	4058546406738
3/4˝ square	30	90	16.7	46	M20	1	1	**4932480389**	4058546406745
3/4˝ square	31	90	17.8	47	-	1	1	**4932480390**	4058546406752
3/4˝ square	32	90	18.3	48	M22	1	1	**4932480391**	4058546406769
3/4˝ square	33	90	19.1	50	-	1	1	**4932480392**	4058546406776
3/4˝ square	34	90	20	51	-	1	1	**4932480393**	4058546406783
3/4˝ square	35	90	20.1	52	-	1	1	**4932480394**	4058546406790
3/4˝ square	36	90	22.3	53.5	M24	1	1	**4932480395**	4058546406806
3/4˝ square	37	90	20.4	54.8	-	1	1	**4932480396**	4058546406813
3/4˝ square	38	90	22.3	58	-	1	1	**4932480397**	4058546406820
3/4˝ square	39	90	21.5	58	-	1	1	**4932480398**	4058546406837
3/4˝ square	40	90	22.8	59.5	-	1	1	**4932480399**	4058546406844
3/4˝ square	41	90	24.9	59.5	M27	1	1	**4932480400**	4058546406851
3/4˝ square	46	90	28.6	66.2	M30	1	1	**4932480401**	4058546406868
3/4˝ square	50	90	29.8	72	M33	1	1	**4932480402**	4058546406875



SHOCKWAVE IMPACT DUTY™

3/4˝ Socket Set

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**3/4˝ Socket Set STD - 5 pc** 3/4˝ STD socket: 27,30,32,33,36 + safety ring + blow molded BMC	5	1	**4932498749**	4058546526184
②	**3/4˝ Socket Set deep - 5 pc** 3/4˝ deep socket: 27,30,32,33,36 + safety ring + blow molded BMC	5	1	**4932498750**	4058546526191

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3/4˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

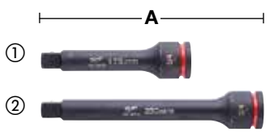
	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	3/4“ Sockets STD foam set (12pc)	12	1		
①	SHOCKWAVE™ IMPACT DUTY 3/4“ STD sockets: 22/24/27/30/32/33/36mm, extension 150mm, extension 250mm, adaptor 3/4“ square --> 1/2“ square, 3/4“ swivel, adapter 3/4“ square --> 1“ square, Foam with plastic base 417x355mm			**4932493396**	4058546482671
	3/4“ Skts. deep foam set 1-12pc	12	1		
②	SHOCKWAVE™ IMPACT DUTY 3/4“ deep sockets: 22/24/27/30/32/33/36mm, extension 150mm, extension 250mm, adaptor 3/4“ square --> 1/2“ square, 3/4“ swivel, adaptor 3/4“ square --> 1“ square, Foam with plastic base 417x355mm			**4932493398**	4058546482695
	Replacement foam with plastic base for 3/4“ STD sockets. Size 417x355mm	1	1	**4932493395**	4058546482664
	Replacement foam with plastic base for 3/4“ deep sockets. Size 417x355mm	1	1	**4932493397**	4058546482688

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② 

3/4˝ impact sockets - extensions

	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	3/4“ extension - 175 mm	175	1	1	**4932480403**	4058546406882
②	3/4“ extension - 250 mm	250	1	1	**4932480404**	4058546406899



3/4″ impact sockets - adaptors

	Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
①	3/4″ to 1/2″ SHOCKWAVE™ IMPACT DUTY adaptor	56.6	1	1	**4932480405**	4058546406905
②	3/4″ to 1″ SHOCKWAVE™ IMPACT DUTY adaptor	63	1	1	**4932480406**	4058546406912



3/4″ SHOCKWAVE™ IMPACT DUTY universal joint

Description	Angle capacity	Pack quantity	Min. order quantity	Article Number	EAN Code
3/4″ SHOCKWAVE™ IMPACT DUTY universal joint	25°	1	1	**4932480407**	4058546406929



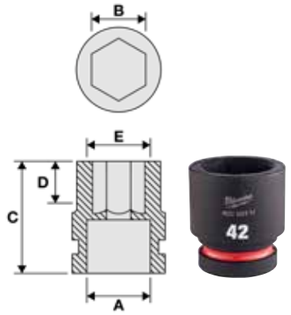
3/4″ impact sockets - security retaining ring

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/4″ impact sockets - security retaining ring	1	1	**4932480450**	4058546407353



1″ SHOCKWAVE™ IMPACT DUTY impact sockets - standard

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
1″ square	27	58	15.8	45.2	M18	1	1	**4932480408**	4058546406936
1″ square	30	62	16.7	49	M20	1	1	**4932480409**	4058546406943
1″ square	32	62	18.3	52	M22	1	1	**4932480410**	4058546406950
1″ square	33	62	19.1	54	-	1	1	**4932480411**	4058546406967
1″ square	34	62	20	54	-	1	1	**4932480412**	4058546406974
1″ square	36	65	22.3	55.3	M24	1	1	**4932480413**	4058546406981
1″ square	38	65	22.3	58	-	1	1	**4932480414**	4058546406998
1″ square	41	70	24.9	61	M27	1	1	**4932480416**	4058546407018
1″ square	42	70	25.4	64	-	1	1	**4932480417**	4058546407025
1″ square	44	75	28.6	68	-	1	1	**4932480950**	4058546412357
1″ square	46	75	28.6	68	M30	1	1	**4932480418**	4058546407032
1″ square	50	75	29.8	73	M33	1	1	**4932480419**	4058546407049
1″ square	55	83	33.6	82	M36	1	1	**4932480420**	4058546407056
1″ square	60	87	35	86	M39	1	1	**4932480421**	4058546407063
1″ square	65	90	35	92	M42	1	1	**4932480422**	4058546407070
1″ square	70	93	35	97	M45	1	1	**4932480423**	4058546407087





1˝ SHOCKWAVE™ IMPACT DUTY impact sockets - deep

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
1˝ square	27	92	15.8	45.2	M18	1	1	**4932480424**	4058546407094
1˝ square	30	92	16.7	49	M20	1	1	**4932480425**	4058546407100
1˝ square	32	92	18.3	52	M22	1	1	**4932480426**	4058546407117
1˝ square	33	92	19.1	54	-	1	1	**4932480427**	4058546407124
1˝ square	34	92	20	54	-	1	1	**4932480428**	4058546407131
1˝ square	36	92	22.3	55.3	M24	1	1	**4932480429**	4058546407148
1˝ square	38	92	22.3	58	-	1	1	**4932480430**	4058546407155
1˝ square	39	92	22.8	59	-	1	1	**4932480431**	4058546407162
1˝ square	41	100	24.9	61	M27	1	1	**4932480432**	4058546407179
1˝ square	46	100	28.6	68	M30	1	1	**4932480434**	4058546407193
1˝ square	50	100	28.6	73	M33	1	1	**4932480435**	4058546407209
1˝ square	55	100	33.6	82	M36	1	1	**4932480436**	4058546407216
1˝ square	60	120	35	86	M39	1	1	**4932480437**	4058546407223
1˝ square	65	125	35	92	M42	1	1	**4932480438**	4058546407230



1˝ Socket Set

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**1˝ Socket Set STD - 5 pc** 1˝ STD socket: 27,30,32,33,36 + safety ring + blow molded BMC	5	1	**4932498751**	4058546526207
②	**1˝ Socket Set deep - 5 pc** 1˝ deep socket: 27,30,32,33,36 + safety ring + blow molded BMC	5	1	**4932498752**	4058546526214



Railway Sockets

SHOCKWAVE™ IMPACT DUTY steel (Chrome-Molybdenum) is high quality alloy steel which provides ultimate strength and durability.

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Article Number	EAN Code
①	1˝ square	21x28	70	24	56	**4932499124**	4058546529932
	1˝ square	21x28	110	24	56	**4932499125**	4058546529949
	1˝ square	22x29	70	24	58	**4932499126**	4058546529956
	1˝ square	22x29	110	24	58	**4932499127**	4058546529963
	1˝ square	21x24,5	70	24	54	**4932499128**	4058546529970
	1˝ square	21x24,5	110	24	54	**4932499129**	4058546529987
②	1˝ square	Bi-Square 1-11/16˝	70	25	82	**4932499146**	4058546530150
	1˝ square	Bi-Square 1-1/8˝	70	18	54	**4932499148**	4058546530174



1˝ impact sockets - extensions

	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	1˝ extension - 175 mm	175	1	1	**4932480440**	4058546407254
②	1˝ extension - 250 mm	250	1	1	**4932480441**	4058546407261



1˝ impact sockets - adaptor

Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1˝ to ¾˝ SHOCKWAVE™ IMPACT DUTY adaptor	70	1	1	**4932480442**	4058546407278



1˝ SHOCKWAVE™ IMPACT DUTY universal joint

Description	Angle capacity	Pack quantity	Min. order quantity	Article Number	EAN Code
1˝ SHOCKWAVE™ IMPACT DUTY universal joint	25°	1	1	**4932480443**	**4058546407285**



1˝ impact sockets - security retaining rings

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1˝ retaining ring for 27 - 44mm sockets	1	1	**4932480451**	4058546407360
1˝ retaining ring for 46 - 70mm sockets	1	1	**4932480452**	4058546407377



Impact sockets - rails & clips

Flexible interchangeable rails and clips for customisation of ¼˝, ⅜˝, and ½˝ drive sockets.
Compatible with standard and deep sockets, removable end caps for easy clip removal.
Metal ball detent clip for superior socket retention.
Usable with impact and chrome sockets.
Holes in rail are on top and on the bottom for easy mounting.



Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼˝ impact socket rail	350	1	1	**4932480444**	4058546407292
¼˝ extra rail clips - 10pcs	-	10	1	**4932480445**	4058546407308
⅜˝ impact socket rail	350	1	1	**4932480446**	4058546407315
⅜˝ extra rail clips - 10pcs	-	10	1	**4932480447**	4058546407322
½˝ impact socket rail	350	1	1	**4932480448**	4058546407339
½˝ extra rail clips - 10pcs	-	10	1	**4932480449**	4058546407346





NAILS & STAPLES

Arm yourself for any carpentry and construction project with professional-grade nails & staples from MILWAUKEE®

FIND YOUR PERFECT FIT WITH OUR TOOL CONFIGURATOR

Brad nails, 18 gauge, thin finish head

Suitable for M18 FN18GS
Collated straight strip

①  ② 

	Wire gauge	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
①	18	1.05 x 1.25	16	0°	1	Resin Coated. Galvanised	10.000	1	**4932492549**	4058546419165
	18	1.05 x 1.25	19	0°	1	Resin Coated. Galvanised	10.000	1	**4932492550**	4058546419172
	18	1.05 x 1.25	25	0°	1	Resin Coated. Galvanised	5.000	1	**4932492551**	4058546419189
	18	1.05 x 1.25	30	0°	1	Resin Coated. Galvanised	5.000	1	**4932492552**	4058546419196
	18	1.05 x 1.25	32	0°	1	Resin Coated. Galvanised	5.000	1	**4932492553**	4058546419202
	18	1.05 x 1.25	35	0°	1	Resin Coated. Galvanised	5.000	1	**4932498743**	4058546526122
	18	1.05 x 1.25	38	0°	1	Resin Coated. Galvanised	5.000	1	**4932498744**	4058546526139
	18	1.05 x 1.25	40	0°	1	Resin Coated. Galvanised	5.000	1	**4932492554**	4058546419219
	18	1.05 x 1.25	45	0°	1	Resin Coated. Galvanised	5.000	1	**4932492555**	4058546419226
	18	1.05 x 1.25	50	0°	1	Resin Coated. Galvanised	5.000	1	**4932492556**	4058546419233
②	18	1.05 x 1.25	16	0°	3	Stainless / Rust free	10.000	1	**4932492557**	4058546419240
	18	1.05 x 1.25	19	0°	3	Stainless / Rust free	10.000	1	**4932492558**	4058546419257
	18	1.05 x 1.25	25	0°	3	Stainless / Rust free	5.000	1	**4932492559**	4058546419264
	18	1.05 x 1.25	30	0°	3	Stainless / Rust free	5.000	1	**4932492560**	4058546419271
	18	1.05 x 1.25	32	0°	3	Stainless / Rust free	5.000	1	**4932492561**	4058546419288
	18	1.05 x 1.25	35	0°	3	Stainless / Rust free	5.000	1	**4932498745**	4058546526146
	18	1.05 x 1.25	38	0°	3	Stainless / Rust free	5.000	1	**4932498746**	4058546526153
	18	1.05 x 1.25	40	0°	3	Stainless / Rust free	5.000	1	**4932492562**	4058546419295
	18	1.05 x 1.25	45	0°	3	Stainless / Rust free	5.000	1	**4932492563**	4058546419301
	18	1.05 x 1.25	50	0°	3	Stainless / Rust free	5.000	1	**4932492564**	4058546419318

Finish nails, 15 gauge, 34°, D Head

Suitable for M18 CN15GA, M18 FN15GA
Collated angled strip

①  ② 

	Wire gauge	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
	15	1.8	32	34°	1	Galvanised	4.000	1	**4932492574**	4058546419417
	15	1.8	38	34°	1	Galvanised	2.500	1	**4932492575**	4058546419424
①	15	1.8	44	34°	1	Galvanised	2.500	1	**4932492576**	4058546419431
	15	1.8	50	34°	1	Galvanised	2.500	1	**4932492577**	4058546419448
	15	1.8	63	34°	1	Galvanised	2.200	1	**4932492578**	4058546419455
	15	1.8	38	34°	3	Stainless / Rust free	2.500	1	**4932492579**	4058546419462
②	15	1.8	50	34°	3	Stainless / Rust free	2.500	1	**4932492580**	4058546419479
	15	1.8	63	34°	3	Stainless / Rust free	2.200	1	**4932492581**	4058546419486

Finish nails, 16 gauge, 20°, thin finish head

Suitable for M18 CN16GA, M18 FN16GA
Collated angled strip



Wire gauge	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
16	1.35 x 1.61	32	20°	1	Galvanised	2,000	1	**4932492582**	4058546419493
16	1.35 x 1.61	38	20°	1	Galvanised	2,000	1	**4932492583**	4058546419509
16	1.35 x 1.61	45	20°	1	Galvanised	2,000	1	**4932492584**	4058546419516
16	1.35 x 1.61	50	20°	1	Galvanised	2,000	1	**4932492585**	4058546419523
16	1.35 x 1.61	64	20°	1	Galvanised	2,000	1	**4932492586**	4058546419530

Finish nails, 16 gauge, 0° straight, thin finish head

Suitable for M18 FN16GS
Collated straight strip



Wire gauge	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
16	1.60	25	0°	1	Galvanised	5,000	1	**4932498312**	4058546521813
16	1.60	32	0°	1	Galvanised	5,000	1	**4932498313**	4058546521820
16	1.60	38	0°	1	Galvanised	2,500	1	**4932498314**	4058546521837
16	1.60	45	0°	1	Galvanised	2,500	1	**4932498315**	4058546521844
16	1.60	50	0°	1	Galvanised	5,000	1	**4932498316**	4058546521851
16	1.60	63	0°	1	Galvanised	2,500	1	**4932498317**	4058546521868

Framing nails, 20°, round head

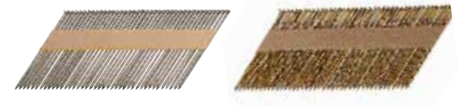
Suitable for M18 FFN21
Collated angled strip



Shank diameter (mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
2.8	65	20°	1	Ring Shank, Bright	2.000	1	**4932492587**	4058546419547
2.8	75	20°	1	Ring Shank, Bright	2.000	1	**4932492588**	4058546419554
3.1	80	20°	1	Ring Shank, Bright	1.750	1	**4932492589**	4058546419561
3.1	90	20°	1	Ring Shank, Bright	1.750	1	**4932492590**	4058546419578
2.8	65	20°	2	Ring Shank, Galvanised	2.000	1	**4932492591**	4058546419585
3.1	75	20°	2	Ring Shank, Galvanised	1.750	1	**4932492592**	4058546419592
3.1	80	20°	2	Ring Shank, Galvanised	1.750	1	**4932492593**	4058546419608
3.1	90	20°	2	Ring Shank, Galvanised	1.750	1	**4932492594**	4058546419615

Framing nails, 34°, D head

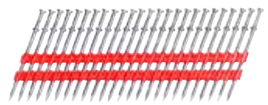
Suitable for M18 FFN
Paper collated angled strip



Shank diameter (mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
2.8	50	34°	1	Smooth Shank, Bright	2.200	1	**4932492595**	4058546419622
2.8	63	34°	1	Smooth Shank, Bright	2.200	1	**4932492596**	4058546419639
2.8	75	34°	1	Smooth Shank, Bright	2.200	1	**4932492597**	4058546419646
3.1	90	34°	1	Smooth Shank, Bright	2.200	1	**4932492598**	4058546419653
2.8	50	34°	1	Ring Shank, Bright	2.200	1	**4932492599**	4058546419660
2.8	63	34°	1	Ring Shank, Bright	2.200	1	**4932492600**	4058546419677
2.8	70	34°	1	Ring Shank, Bright	2.200	1	**4932492601**	4058546419684
2.8	75	34°	1	Ring Shank, Bright	2.200	1	**4932492602**	4058546419691
2.8	80	34°	1	Ring Shank, Bright	2.200	1	**4932492603**	4058546419707
3.1	90	34°	1	Ring Shank, Bright	2.200	1	**4932492604**	4058546419714
3.1	90	34°	2	Smooth shank, Galvanised	2.200	1	**4932492605**	4058546419721
2.8	50	34°	2	Ring Shank, Galvanised	2.200	1	**4932492606**	4058546419738
2.8	63	34°	2	Ring Shank, Galvanised	2.200	1	**4932492607**	4058546419745
2.8	75	34°	2	Ring Shank, Galvanised	2.200	1	**4932492608**	4058546419752
3.1	63	34°	2	Ring Shank, Galvanised	2.200	1	**4932492609**	4058546419769
3.1	75	34°	2	Ring Shank, Galvanised	2.200	1	**4932492610**	4058546419776
3.1	80	34°	2	Ring Shank, Galvanised	2.200	1	**4932492611**	4058546419783
3.1	90	34°	2	Ring Shank, Galvanised	2.200	1	**4932492612**	4058546419790
2.8	50	34°	3	Ring Shank, Hot Dipped Galvanised	2.200	1	**4932492613**	4058546419806
2.8	65	34°	3	Ring Shank, Hot Dipped Galvanised	2.200	1	**4932492614**	4058546419813
3.1	90	34°	3	Ring Shank, Hot Dipped Galvanised	2.200	1	**4932492615**	4058546419820

21° Duplex Nails

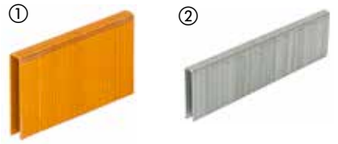
Double Head, for temporary nailing and easier removal.
Smooth shank, for easier removal.
Used in temporary construction, such as concrete forms where nail removal is required.



Shank diameter (mm)	Total length (mm)	Nail angle	Pack quantity	Min. order quantity	Article Number	EAN Code
3,3	73	21°	2000	1	**4932498155**	4058546513153
3,3	92	21°	2000	1	**4932498156**	4058546513160



Staples



	Type	Width (mm)	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Fine wire staples for M12BST	10.6	0.5 x 1.25	6	1	Galvanised	1.400	1	**4932492565**	4058546419325
		10.6	0.5 x 1.25	6	1	Galvanised	5.000	1	**4932492570**	4058546419370
		10.6	0.5 x 1.25	8	1	Galvanised	1.000	1	**4932492566**	4058546419332
		10.6	0.5 x 1.25	8	1	Galvanised	5.000	1	**4932492571**	4058546419387
		10.6	0.5 x 1.25	10	1	Galvanised	900	1	**4932492567**	4058546419349
		10.6	0.5 x 1.25	10	1	Galvanised	5.000	1	**4932492572**	4058546419394
		10.6	0.5 x 1.25	12	1	Galvanised	750	1	**4932492568**	4058546419356
		10.6	0.5 x 1.25	14	1	Galvanised	600	1	**4932492569**	4058546419363
		10.6	0.5 x 1.25	14	1	Galvanised	5.000	1	**4932492573**	4058546419400
②	Fine wire staples for M18 FNCS18GS	5.7	1.05 x 1.25	15	1	Resin Coated, Galvanised	7.200	1	**4932492616**	4058546419837
		5.7	1.05 x 1.25	20	1	Resin Coated, Galvanised	6.000	1	**4932492617**	4058546419844
		5.7	1.05 x 1.25	25	1	Resin Coated, Galvanised	4.400	1	**4932492618**	4058546419851
		5.7	1.05 x 1.25	30	1	Resin Coated, Galvanised	4.200	1	**4932492619**	4058546419868
		5.7	1.05 x 1.25	32	1	Resin Coated, Galvanised	3.600	1	**4932492620**	4058546419875
		5.7	1.05 x 1.25	35	1	Resin Coated, Galvanised	3.600	1	**4932492621**	4058546419882
		5.7	1.05 x 1.25	36	1	Resin Coated, Galvanised	3.600	1	**4932492622**	4058546419899
		5.7	1.05 x 1.25	38	1	Resin Coated, Galvanised	2.600	1	**4932492623**	4058546419905
		5.7	1.05 x 1.25	25	3	Stainless, Resin Coated	4.400	1	**4932492624**	4058546419912
		5.7	1.05 x 1.25	35	3	Stainless, Resin Coated	3.600	1	**4932492625**	4058546419929
		5.7	1.05 x 1.25	38	3	Stainless, Resin Coated	2.600	1	**4932492626**	4058546419936

Staples - fencing

Fencing staples for the Milwaukee M18 FFUS.
For all types of wire fencing attached to wood ie. livestock fencing, square/chain/barbed wire and high tensile wire.
Hot dipped galvanised coating for superior long term corrosion resistance.
4mm thick steel wire for best lifetime in outdoor applications.
Sharp divergent point tips – the staple point tip twists as it is driven into the wood giving better holding power.
Red adhesive coating for increased drivability while maximizing holding power.
Paper tape collation for speed and convenience.



Total length (mm)	Width (mm)	Service class	Pack quantity	Min. order quantity	Article Number	EAN Code
40	20	3	960	1	**4932480358**	4058546406431
45	20	3	960	1	**4932480359**	4058546406448
50	20	3	960	1	**4932480360**	4058546406455

Roofing coil nails, 15°

15° Round Head Nails.
15° Wire Coil Collation.
Designed for fastening in roofing and facade work, ideal for fast driving and superior holding.
Suitable for M18 FRCN45.



Shank diameter (mm)	Length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
3,05	19	15°	2	Ring shank, Galvanised	2880	1	**4932499310**	4058546564742
3,05	22	15°	2	Ring shank, Galvanised	2880	1	**4932499311**	4058546564759
3,05	25	15°	2	Ring shank, Galvanised	2160	1	**4932499312**	4058546564766
3,05	32	15°	2	Ring shank, Galvanised	2160	1	**4932499313**	4058546564773
3,05	38	15°	2	Ring shank, Galvanised	1440	1	**4932499314**	4058546564780
3,05	45	15°	2	Ring shank, Galvanised	1440	1	**4932499315**	4058546564797
3,05	22	15°	2	Smooth shank, Galvanised	2880	1	**4932499316**	4058546564803
3,05	25	15°	2	Smooth shank, Galvanised	2160	1	**4932499317**	4058546564810
3,05	32	15°	2	Smooth shank, Galvanised	2160	1	**4932499318**	4058546564827
3,05	19	15°	3	Ring shank, Hot Dipped Galvanised	2880	1	**4932499319**	4058546564834
3,05	22	15°	3	Rig shank, Hot Dipped Galvanised	2880	1	**4932499320**	4058546564841
3,05	25	15°	3	Ring shank, Hot Dipped Galvanised	2160	1	**4932499321**	4058546564858
3,05	32	15°	3	Ring shank, Hot Dipped Galvanised	2160	1	**4932499322**	4058546564865
3,05	38	15°	3	Ring shank, Hot Dipped Galvanised	1440	1	**4932499323**	4058546564872
3,05	45	15°	3	Ring shank, Hot Dipped Galvanised	1440	1	**4932499324**	4058546564889
3,05	25	15°	3	Smooth shank, Hot Dipped Galvanised	2160	1	**4932499325**	4058546564896
3,05	32	15°	3	Smooth shank, Hot Dipped Galvanised	2160	1	**4932499326**	4058546564902
3,05	25	15°	3	Ring shank, Stainless Steel	2160	1	**4932499327**	4058546564919
3,05	32	15°	3	Ring shank, Stainless Steel	2160	1	**4932499328**	4058546564926

Staples - electrical cable

Cable staples for the Milwaukee M12 BCST
19mm wide 25mm longstaples for fixing all types of electrical/ data cable to wooden joists / structures. Not suitable for fixing to concrete.
Flat top staple with a plastic bridge on the inside. The plastic bridge ensures cables will not be damaged or cut when fixed.
Suitable only for internal use.



Total length (mm)	Width (mm)	Service class	Pack quantity	Min. order quantity	Article Number	EAN Code
25	19	1	600	1	**4932479628**	4058546374228

SAWZALL™

BLADE SELECTION GUIDE

1. Identify the material to be cut in the rows below.

2. Follow the row across to find best/ compatible performance.

BEST PERFORMANCE **GOOD PERFORMANCE**



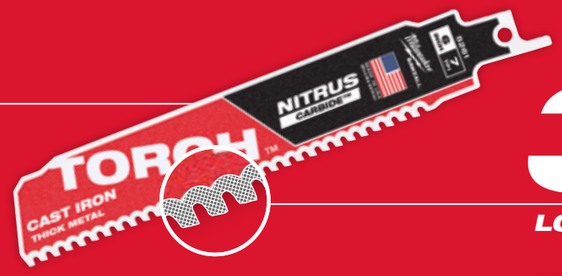
	TPI	BLADE THICKNESS (MM)	THICK METAL > 4MM	MEDIUM METAL 1.5 - 4MM	THIN METAL 0.5 - 3MM	STAINLESS STEEL	CAST IRON	NON FERROUS METALS (CU/AL)	WOOD	GREEN WOOD	WOOD WITH NAILS & SCREWS	PALLETS	PVC Pipe
DEMOLITION BLADES													
AX™ CARBIDE	5	1.27							■		■		
AX™	5	1.27							■		■		
THIN KERF	5	1.27							▨		▨		
METAL CUTTING BLADES													
TORCH™ NITRUS CARBIDE	8	1.27	■	◢		◢	■	■					
	10	1.27	■	◢		■	■	■					
TORCH™ CARBIDE	8	1.27	■	◢		◢	▨	■					
	10	1.27	■	◢		■	▨	■					
TORCH™	10	1.10	Faster/ Rougher ↕ Slower/ Smoother	Faster/ Rougher ↕ Slower/ Smoother				■					
	14	1.10			■	▨		■					
	18	1.10			■	▨		■					
THIN KERF	14	0.90	Faster/ Rougher ↕ Slower/ Smoother	Faster/ Rougher ↕ Slower/ Smoother		▨		■					■
	18	0.90			■	▨		■					■
	25	0.90			■	▨		■					■
UNIVERSAL BLADES													
WRECKER™ NITRUS CARBIDE	6	1.27	■	◢			▨	■			■		
WRECKER™ CARBIDE	6	1.27	■	◢			▨	■			■		
WRECKER™	7/11	1.60	■	■				■			■		
Art. Nr. 48005092	10	0.90	▨	■				■					
Art. Nr. 48005293	10/14	0.90	▨	■				■			▨	■	■
Art. Nr. 48005093	8/12	1.27	▨	■				■			▨	■	■
WOOD CUTTING BLADES													
Art. Nr. 48001075	4.2	1.27							■	▨			
Art. Nr. 48001077	5.5/6	1.27							■	■			
Art. Nr. 48001079	8.5	1.27							■				
SPECIAL APPLICATION BLADES													
DIAMOND GRIT	GRIT	1.10					■						

NITRUS CARBIDE™

TORCH™ NITRUS CARBIDE

WRECKER™ NITRUS CARBIDE

CUT TOUGHER



3x LONGER LIFE*

Our SAWZALL™ The TORCH™ with NITRUS CARBIDE™ for CAST IRON and other thick metals is the next generation of carbide teeth technology. The blade delivers 3X the life of existing carbide teeth reciprocating saw blades to continuously make the toughest cast iron removals on the job.

*vs standard Carbide blades



Our WRECKER™ with NITRUS CARBIDE™ SAWZALL® blade for multi-material cutting features a 6TPI design for best material versatility and the ability to cut materials from wood with nails and screws to thick metals. Our blade delivers 2x life versus carbide teeth blades eliminating the need for blade changes when cutting a variety of materials.

CARBIDE TEETH

CUT LONGER. CUT MORE. CUT FASTER.







x50 LONGER LIFE

This blade delivers up to 50X life over bi-metal standard blades

1000 MORE CUTS

The Ax with Carbide Teeth is optimized for Cordless Recip Saws delivering over 25% more cuts per charge

x2 FASTER CUTS

This blade delivers up to 2X faster cuts than bi-metal standard blades

Metal: Heavy duty TORCH™ with NITRUS CARBIDE™

The TORCH™ blades with NITRUS CARBIDE™ teeth is the next generation of carbide technology.
This special carbide NITRUS blend is designed to cut 3x longer than existing standard carbide teeth blades.
The tooth design esures fast starts and smooth cuts, large gullets for easy chip ejection. The TORCH™ Blades with NITRUS CARBIDE™ are designed to last the longest and cut the fastest in cast iron/ SML pipe, stainless steel and other metals.
Thick 1.27 mm robust blade body for precise straight cuts.
25 mm blade height for improved stability and minimum vibration.
Best performance in all metals, especially in stainless steel and cast iron soil, waste and drainage pipes.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.								Pack quantity	Min. order quantity	Article Number	EAN Code
														
150	2.5	10	S955HHM	3 - 11	Ø 10 - 100	3 - 11	Ø 10 - 100	3 - 11	Yes		1 5	1 1	**48476251** **48476551**	045242367726 045242367849
														
230	2.5	10	S1155HHM	3 - 11	Ø 10 - 175	3 - 11	Ø 10 - 175	3 - 11	Yes		1 5	1 1	**48476252** **48476552**	045242367801 045242367771
														
300	2.5	10	S1255HHM	3 - 11	Ø 10 - 250	3 - 11	Ø 10 - 250	3 - 11	Yes		1 5	1 1	**48476253** **48476553**	045242367757 045242367832
														
150	3.2	8	S955CHC	5 - 14	Ø 10 - 100	5 - 14	Ø 10 - 100	5 - 14	Yes		1 5	1 1	**48475261** **48475561**	045242368495 045242368877
														
230	3.2	8	S1155CHC	5 - 14	Ø 10 - 175	5 - 14	Ø 10 - 175	5 - 14	Yes		1 5	1 1	**48475262** **48475562**	045242368501 045242368884
														
300	3.2	8	S1255CHC	5 - 14	Ø 10 - 250	5 - 14	Ø 10 - 250	5 - 14	Yes		1 5	1 1	**48475263** **48475563**	045242368518 045242368891

Metal: Heavy duty TORCH™ carbide teeth

Carbide teeth provide for longest life in metals - up to 50x more life compared to Bi-Metal blades
Thick 1.27 mm robust blade body for precise straight cuts
25 mm blade height for improved stability and minimum vibration
Best for cast iron and all thick metal demolition

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
150	2.5	10	S955HHM	3 - 11	Ø 10 - 100	3 - 11	Ø 10 - 100	3 - 11	Yes	1	1	**48475251**	045242368464
										5	1	**48475551**	045242368846
230	2.5	10	S1155HHM	3 - 11	Ø 10 - 175	3 - 11	Ø 10 - 175	3 - 11	Yes	1	1	**48475252**	045242368471
										5	1	**48475552**	045242368853
300	2.5	10	S1255HHM	3 - 11	Ø 10 - 250	3 - 11	Ø 10 - 250	3 - 11	Yes	1	1	**48475253**	045242368488
										5	1	**48475553**	045242368860
150	3.2	8	S955CHC	5 - 14	Ø 10 - 100	5 - 14	Ø 10 - 100	5 - 14	Yes	1	1	**48475201**	045242368341
										5	1	**48475501**	045242368754
230	3.2	8	S1155CHC	5 - 14	Ø 10 - 175	5 - 14	Ø 10 - 175	5 - 14	Yes	1	1	**48475202**	045242368358
										5	1	**48475502**	045242368761
300	3.2	8	S1255CHC	5 - 14	Ø 10 - 250	5 - 14	Ø 10 - 250	5 - 14	Yes	1	1	**48475203**	045242368365
										5	1	**48475503**	045242368778



Metal: Heavy duty TORCH™ demolition blades



DOUBLE DUTY UPGRADE 2X LIFE*

Improved tooth geometry for best speed and double the lifetime.
Thick 1.06 mm robust blade body for precise cuts.
25 mm blade height for improved stability and minimum vibration.
Bi-Metal quality cutting teeth with 8 % cobalt the ultimate in performance and lifetime.

TOUGH NECK™

Stamped indentations around the reception strengthens the blade at its weakest point.

GRID IRON™

A grid iron pattern is built into the blade to make it more rigid with less tendency to bend or buckle for best durability and straight cuts.

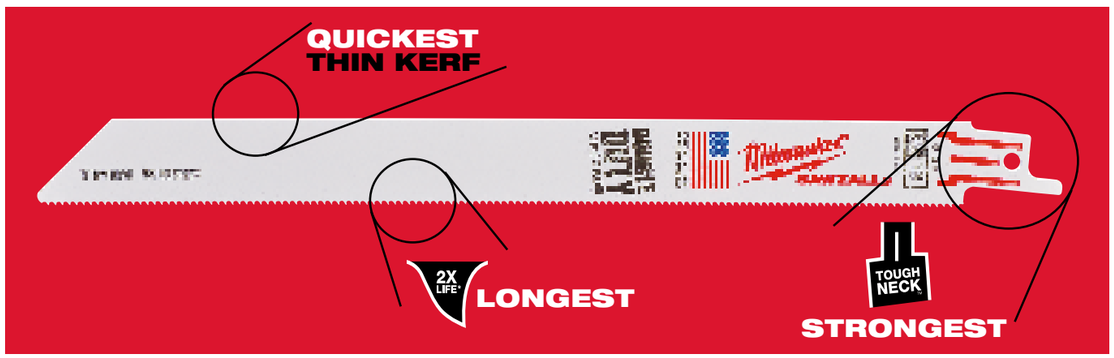


*vs. standard Bi Metal blades

Metal: Heavy duty TORCH™ demolition blades

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
													
150	1.4	18	S926BEF/ SS927BEF	1.5 - 8	Ø 10 - 100	1.5 - 8	–	1.5 - 4	Yes	5	1	**48475784**	045242369034
										25	1	**48008784**	045242082407
													
230	1.4	18	S1126BEF/ S1127BEF	1.5 - 8	Ø 10 - 175	1.5 - 8	–	1.5 - 4	Yes	5	1	**48475788**	045242369065
										25	1	**48008788**	045242082421
													
300	1.4	18	S1226BEF/ S1227BEF	1.5 - 8	Ø 10 - 250	1.5 - 8	–	1.5 - 4	Yes	5	1	**48475789**	045242369072
										25	1	**48008789**	045242082438
													
150	1.8	14	S926BEF/ SS927BEF	3 - 11	Ø 10 - 100	3 - 11	–	3 - 7	Yes	5	1	**48475782**	045242369027
										25	1	**48008782**	045242082391
													
230	1.8	14	S1126BEF/ S1127BEF	3 - 11	Ø 10 - 175	3 - 11	–	3 - 7	Yes	5	1	**48475787**	045242369058
										25	1	**48008787**	045242082414
													
150	2.5	10	S926CHF/ S936CHF	5 - 14	Ø 10 - 100	5 - 14	Ø 10 - 100	5 - 10	Yes	5	1	**48475712**	045242368990
										25	1	**48008712**	045242082377
													
230	2.5	10	S1226CHF/ S1136CHF	5 - 14	Ø 10 - 175	5 - 14	Ø 10 - 175	5 - 10	Yes	5	1	**48475713**	045242369003
										25	1	**48008713**	045242082384
													
300	2.5	10	S1226CHF	4 - 10	Ø 10 - 180	4 - 10	Ø 10 - 250	5 - 10	Yes	5	1	**48475714**	045242369010

Metal: THIN KERF blades



Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.								Pack quantity	Min. order quantity	Article Number	EAN Code
														
100	1	24	S522AF	0.5 - 3	-	Ø 8 - 50	0.5 - 3	0.5 - 1.5	No	No	5	1	**48475185**	045242368273
														
150	1	24	S918AF/ S922AF	0.5 - 3	-	Ø 8 - 100	0.5 - 3	0.5 - 1.5	No	No	5	1	**48475186**	045242368280
														
100	1.4	18	S522EF	1.5 - 8	-	Ø 10 - 50	1.5 - 8	1.5 - 4	No	No	5	1	**48475183**	045242368259
														
150	1.4	18	S922EF	1.5 - 8	-	Ø 10 - 100	1.5 - 8	1.5 - 4	No	No	5	1	**48475184**	045242368266
											50	1	**48016184**	045242084739
														
230	1.4	18	S1122EF	1.5 - 8	-	Ø 10 - 175	1.5 - 8	1.5 - 4	No	No	5	1	**48475188**	045242368303
											50	1	**48016188**	045242084876
														
300	1.4	18	-	1.5 - 8	-	Ø 10 - 250	1.5 - 8	1.5 - 4	No	Yes	5	1	**48475189**	045242368310
											50	1	**48016189**	045242084883
														
90	1.8	14	S422BF	1.5 - 6	-	-	1.5 - 4	-	Yes	No	5	1	**48475162**	045242368211
														
100	1.8	14	S522BF	3 - 11	-	Ø 10 - 50	3 - 11	3 - 7	No	No	5	1	**48475181**	045242368235
														
150	1.8	14	S922BF	3 - 11	-	Ø 10 - 100	3 - 11	3 - 7	No	No	5	1	**48475182**	045242368242
											50	1	**48016182**	045242084722
														
230	1.8	14	S1122BF	3 - 11	-	Ø 10 - 175	3 - 11	3 - 7	No	No	5	1	**48475187**	045242368297
											50	1	**48016187**	045242084869

*vs. standard Bi Metal blades



Wood with nails: Heavy duty AX™ carbide teeth demolition blades

AX CARBIDE TEETH™



Up to 50x longer life than standard Bi-Metal blades. Carbide teeth deliver long life and extreme durability in the toughest applications. Cuts through harderned screws and fastners.
Up to 2x faster than standard Bi-Metal blades. A fast and aggressive 5 Tpi tooth pattern allows for the fastest cutting in nail embedded wood and a wide range of construction materials (wood/nails/bolts/screws/cast iron/asphalt roofing felt shingles).
Up to 25% more cuts per charge vs. standard Bi-Metal blades. Optimised for use with cordless reciprocating saws.
FANG TIP™: For faster plunge cutting and reaching into restricted areas.
NAIL GUARD™: Protects the tooth during nail impacts for increased durability and lifetime.
Sloped shape: Excellent for plunge cutting and reaching into restricted areas.
Thick 1.27 mm robust blade body for precise straight cuts.
25 mm blade height for improved stability and minimum vibration.
Best for wood / nails / hardened fastners demolition

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
													
150	5	5	S967XHM	10 - 100	10 - 100	Ø 10 - 100	Yes	Yes	Yes	1	1	**48475221**	045242368372
										5	1	**48475521**	045242368785
													
230	5	5	S1167XHM	10 - 175	10 - 175	Ø 10 - 175	Yes	Yes	Yes	1	1	**48475226**	045242368389
										5	1	**48475526**	045242368792
													
300	5	5	S1267XHM	10 - 250	10 - 250	Ø 10 - 250	Yes	Yes	Yes	1	1	**48475227**	045242368396
										5	1	**48475527**	045242368808

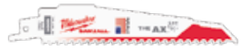
Wood with nails: Heavy duty AX™ demolition blades

THE AX™





FANG TIP™: For faster plunge cutting and reaching into restricted areas.
NAIL GUARD™: Protects the tooth during nail impacts for increased durability and lifetime.
Strong: Thick 1.27mm blade body and 25mm height for maximum robustness and life making it ideal for wood with nails or bolts.
Fast: Aggressive 5 Tpi tooth geometry removes more material per stroke for faster cutting.
Sloped shape: Excellent for plunge cutting and reaching into restricted areas.
Shatter resistant: Bi-Metal construction allows the blade to bend and flex without breaking.

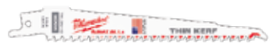
Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
													
150	5	5	S610VF	10 - 100	10 - 100	Ø 10 - 100	Yes	Yes	Yes	5	1	**48475021**	045242368082
										25	1	**48008021**	045242082285
													
230	5	5	S1110VF	10 - 175	10 - 175	Ø 10 - 175	Yes	Yes	Yes	5	1	**48475026**	045242368099
										25	1	**48008026**	045242082292
													
300	5	5	S1210VF	10 - 250	10 - 250	Ø 10 - 250	Yes	Yes	Yes	5	1	**48475027**	045242368105
										25	1	**48008027**	045242082308

Wood with nails: THIN KERF demolition blades





FANG TIP™: For faster plunge cutting and reaching into restricted areas.
NAIL GUARD™: Protects the tooth during nail impacts for increased durability and lifetime.
Strong: 1.27 mm thick blade body and 19mm height for good strength and blade life making it ideal for wood with nails or bolts.
Fast: Aggressive 5 Tpi geometry removes more material per stroke for faster cutting.
Long sloped shape: Excellent for plunge cutting and reaching into restricted areas.
Shatter resistant: Bi-Metal construction allows the blade to bend and flex without breaking.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
													
150	5	5	S611DF	10 - 100	10 - 100	Ø 10 - 100	Yes	Yes		5	1	**48475035**	045242368112
										50	1	**48016035**	045242084791
													
230	5	5	S1111DF	10 - 175	10 - 175	Ø 10 - 175	Yes	Yes		5	1	**48475036**	045242368129
										50	1	**48016036**	045242084661
													
300	5	5	S1411DF	10 - 250	10 - 250	Ø 10 - 250	Yes	Yes		5	1	**48475037**	045242368136
										50	1	**48016037**	045242084807

Multi Material: WRECKER™ with NITRUS CARBIDE™

NITRUS CARBIDE™ teeth technology: Offers up to 3X life vs. carbide teeth blades in multi-material applications or up to 100X life vs. standard bi-metal blades.
FANG TIP™: For faster plunge cutting and reaching into restricted areas.
Thick 1.27mm robust blade body for precise straight cuts.
25 mm blade height for improved stability and minimum vibration.
Best for multi material demolition (wood with nails or hardened fastners, cast iron and thick metal).

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.								Pack quantity	Min. order quantity	Article Number	EAN Code
150	4.2	6	S956XHM	6 - 14	Ø 10 - 100	6 - 14	Ø 10 - 100	Yes	Yes	Yes	1	1	**48475271**	045242368525
											5	1	**48475571**	045242368907
230	4.2	6		6 - 14	Ø 10 - 175	6 - 14	Ø 10 - 175	Yes	Yes	Yes	1	1	**48475272**	045242368532
											5	1	**48475572**	045242368914
300	4.2	6		6 - 14	Ø 10 - 250	6 - 14	Ø 10 - 250	Yes	Yes	Yes	1	1	**48475273**	045242368549
											5	1	**48475573**	045242368921

Multi material : Heavy duty WRECKER™ carbide teeth demolition blades

The multi material WRECKER™ with carbide teeth cuts all from thick metal, cast iron, nail embedded wood, hardened screws and fastners.
Up to 50x longer life than standard Bi -metal blades. Carbide teeth deliver long life and extreme durability in the toughest applications.
Up to 25% more cuts per charge vs. standard Bi-Metal blades. Optimised for use with cordless tools.
FANG TIP™: For faster plunge cutting and reaching into restricted areas.
Thick 1.27mm robust blade body for precise straight cuts.
25 mm blade height for improved stability and minimum vibration.
Best for multi material demolition -cwood with nails or hardened fastners and thick metal

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.								Pack quantity	Min. order quantity	Article Number	EAN Code
150	4.2	6	S956XHM	6 - 14	Ø 10 - 100	6 - 14	Ø 10 - 100	Yes	Yes	Yes	1	1	**48475241**	045242368433
											5	1	**48475541**	045242368815
230	4.2	6	S1156XHM	6 - 14	Ø 10 - 175	6 - 14	Ø 10 - 175	Yes	Yes	Yes	1	1	**48475242**	045242368440
											5	1	**48475542**	045242368822
300	4.2	6	S1256XHM	6 - 14	Ø 10 - 250	6 - 14	Ø 10 - 250	Yes	Yes	Yes	1	1	**48475243**	045242368457
											5	1	**48475543**	045242368839

Multi material: Heavy duty WRECKER™ blades

Strong and precise: Thick 1.27 mm blade body.
Bi-Metal construction: Excellent blade life and performance.
Tooth geometry: Aggressive strengthened tooth tip design and uniform gullet depth allows for more material to be removed per stroke for faster cutting.
Blade shape: Sloped - The sloped shape makes this blade ideal for plunge cutting. Most suited for cutting metal and for demolition applications (wood with nails).

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.									Pack quantity	Min. order quantity	Article Number	EAN Code
150	3.6/2.3	7/11	-	4 - 10	Ø 10 - 100	4 - 10	Ø 10 -	10 - 100	Yes	Yes		5	1	**48475701**	045242368969
230	3.6/2.3	7/11	S3456XF	4 - 10	Ø 10 - 175	4 - 10	Ø 10 - 175	10 - 175	Yes	Yes		5	1	**48475706**	045242369102
												25	1	**48008706**	045242082520
300	3.6/2.3	7/11	-	4 - 10	Ø 10 - 250	4 - 10	Ø 10 - 250	10 - 250	Yes	Yes		5	1	**48475711**	045242368983
												25	1	**48008711**	045242082537

Multi material: wood / metal / plastic cutting blades

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
150	2.5	10	-	3 - 11	3 - 11	6 - 50	Yes	Ø 3 - 50		5	1	**48475092**	045242368181
150	2.5/1.8	10/14	SS922VF	3 - 11	3 - 11	5 - 100	Yes	Ø 3 - 100		5	1	**48475292**	045242368556
										50	1	**48016292**	045242084081
200	2.5/1.8	10/14	S1122VF	3 - 11	3 - 11	5 - 175	Yes	Ø 3 - 160		5	1	**48475193**	045242368327
										50	1	**48016293**	045242084098
300	2.5/1.8	10/14	S1222VF	3 - 11	3 - 11	5 - 250	Yes	Ø 3 - 250		5	1	**48475194**	045242368334
150	3.2/2.1	8/12	-	3 - 11	3 - 11	5 - 100	Yes	Ø 3 - 100		5	1	**48475091**	045242368174
										50	1	**48016091**	045242084685
200	3.2/2.1	8/12	S725VFR	3 - 11	3 - 11	5 - 175	Yes	Ø 3 - 160		5	1	**48475093**	045242368198
										50	1	**48016093**	045242084708
										500	1	**48016000**	045242084951
300	3.2/2.1	8/12	-	3 - 11	3 - 11	5 - 250	Yes	Ø 3 - 250		5	1	**48475094**	045242368204
										50	1	**48016094**	045242084715

Wood and plastics blades

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.					Pack quantity	Min. order quantity	Article Number	EAN Code
150	4.2	6	S644D	6 - 100	-	Ø 6 - 100	Yes	3	1	**48001075**	045242079810
150	4.2	6	S744D	6 - 50	-	Ø 6 - 50	No	3	1	**48001076**	045242079827
230	4.2	6	-	6 - 190	6 - 200	Ø 6 - 100	Yes	5	1	**48475016**	045242368068
240	5.5/6	4/5	S1531L	15 - 190	15 - 200	-	No	3	1	**48001077**	045242079834
								50	1	**4932478111**	4058546340445
240	8.5	3	S1542K	15 - 190	-	-	No	3	1	**48001078**	045242079841
150	4.2	6	-	6 - 60	6 - 60	-	No	2	1	**4932493509**	4058546483807
275	4.2	6	-	6 - 200	6 - 200	-	No	2	1	**4932471693**	4058546295929
300	4.2	6	S1344D	6 - 250	6 - 250	-	No	3	1	**48001079**	045242079858

SAWZALL™ blades for special materials

Special application: Ductwork blade



Plunge tip - fast plunging in materials < 0.6 mm. No need for extra tools.
Versatility - tapered blade body profile allows for tight radius cutting and square cuts.
Longlife - optimized tooth geometry 30 tpi for cutting thin material 0.6 - 1.5 mm. Most common spiral duct is 0.8 mm thick.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
85	0.8	30	5	1	**48471630**	045242368037

Special application: Drywall / plasterboard blade



Precise depth of cut - short blade length, protects from unintentional cuts in pipes or wiring.
Special tooth geometry produces less dust than a jobsaw handtool - cuts clean without ripping the drywall.
Plunge tip - fast and effortless plunging.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch			Pack quantity	Min. order quantity	Article Number	EAN Code
63	-	-	Yes	Yes	1	1	**48471640**	045242368044
125	4.2	6	Yes	Yes	5	1	**48475052**	045242368150

Special application: Cast iron / abrasive materials / fibreglass

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.						Pack quantity	Min. order quantity	Article Number	EAN Code
230	Diamond grit		-	Ø 10 - 160	Ø 10 - 160	3 - 175	-	-	1	1	**48471450**	045242368006
150	Carbide grit		-	Ø 10 - 100	Ø 10 - 100	3 - 100	-	-	3	1	**48471420**	045242367979
230	Carbide grit		S1130R	Ø 10 - 160	Ø 10 - 160	3 - 175	-	-	3	1	**48471430**	045242367986
305	8.5	3	S1241HM	-	-	6 - 150	10 - 250	10 - 250	1	1	**48001080**	045242079865
235	17	1.5	S1543HM	-	-	6 - 135	10 - 135	10 - 135	1	1	**4932498318**	4058546521875
300	17	1.5	S1243HM	-	-	6 - 150	10 - 200	10 - 200	1	1	**4932498319**	4058546521882
450	17	1.5	S2243HM	-	-	6 - 150	10 - 350	10 - 350	1	1	**48001460**	045242235353
235	8.5	3	S1141HM	-	-	6 - 135	10 - 135	10 - 135	1	1	**4932498320**	4058546521899
300	8.5	3	S1241HM	-	-	4 - 150	10 - 200	10 - 200	1	1	**4932498321**	4058546521905
450	8.5	3	S2041HM	-	-	4 - 150	10 - 350	10 - 350	1	1	**4932498322**	4058546521912

Special application: Insulation material / carton / foam

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.					Pack quantity	Min. order quantity	Article Number	EAN Code
300	Wave knife	Wave knife	-	Yes	Yes	Yes	Yes	1	1	**48001084**	045242079902

Special application: Frozen materials

230	6	4.2					100	1	**4932501783**	4058546644994
300	6	4.2	S1211K				1	1	**48001082**	045242079889
400	6	4.2	-				1	1	**48001083**	045242079896

Special Application: Flush cut blade



Flush cuts against floor - floor guard protects teeth from floor contact when cutting flush to the floor.
Extra tall blade body - guides blade for straighter cuts ie. when cutting out doors and windows in wood construction.
FANG TIP™ - for easy and quick plunging.
Suitable for cutting all types of wood and nail embedded wood. Not suitable for brick, masonry or steel.





Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Ref. No.	Pack quantity	Min. order quantity	Article Number	EAN Code
300	5	5	-	1	1	**48001600**	045242253272

SAWZALL™ blade sets

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	SAWZALL™ blade set (5pc)				
①	1 x AX™ wood with nails - 230 mm, 1 x WRECKER™ multi material - 230 mm, 1 x TORCH™ metal - 230 mm, 1 x TORCH™ metal - 150 mm, 1 x TORCH™ metal - 150 mm	5	1	**49472205**	045242481408
	SAWZALL™ carbide demolition blades set (5pc)				
②	Wood with nails: 2 x AX™ carbide - 230 mm / 5TPi. Metal: 2 x TORCH™ carbide - 150 mm / 8 TPi, 1 x TORCH™ carbide - 230 mm / 8 TPi	5	1	**49472206**	045242481446
	SAWZALL™ blade set (10pc)				
③	3 x THIN KERF metal - 150 mm, 3 x THIN KERF metal - 150 mm, 2 x THIN KERF wood with nails - 150 mm, 1 x THIN KERF wood with nails - 230 mm, 1 x THIN KERF metal - 230 mm	10	1	**49472211**	045242481958
	SAWZALL™ blade set (12pc)				
④	2 x AX™ wood with nails - 150 mm, 2 x AX™ wood with nails - 230 mm, 4 x TORCH™ metal - 150 mm, 2 x TORCH™ metal - 230 mm, 2 x WRECKER™ multi material - 150 mm	12	1	**49472229**	045242481934
	SAWZALL™ blade set (13pc)				
⑤	2 x WRECKER™ multi material - 150 mm, 2 x AX™ wood with nails - 150 mm, 2 x AX™ wood with nails - 230 mm, 4 x TORCH™ metal - 150 mm, 2 x TORCH™ metal - 230 mm, 1 x TORCH™ carbide - 150 mm	13	1	**49472231**	045242481460

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HACKZALL™ blades

Especially engineered blades for exclusive use on 12 V HACKZALL™.
Bi-Metal construction for increased tooth durability.
Optimised tooth form for aggressive and faster cutting.
Thinner blade body for better speed of cut and up to 35% more cuts per charge vs. standard Bi Metal blades.

Blade length (mm)	Tooth pitch (mm)	Teeth per inch							Pack quantity	Min. order quantity	Article Number	EAN Code
												
100	4.2	6	-	-	-	-	6 - 40	Ø 10 - 40	5	1	**48475460**	045242367788
												
150	1.8	14	3 - 6	Ø 10 - 32	3 - 6	3 - 6	-	Ø 10 - 50	5	1	**49005614**	045242160334
												
100	1.4	18	1.5 - 4	Ø 10 - 32	1.5 - 4	-	-	-	5	1	**49005418**	045242160341
												
100	1	25	0.5 - 3	Ø 8 - 32	0.5 - 3	-	-	-	5	1	**49005424**	045242160358

75 mm scraper: for removing strong adhesive silicon, caulk, paint and rust.

75	-	-	-	-	-	-	-	-	1	1	**49005456**	045242219476



125 mm wide scraper: for removing glue, silicon, caulk, vinyl, rust, paint and wallpaper.

125	-	-	-	-	-	-	-	-	1	1	**49005455**	045242293421



Grout removal blade: for removing damaged or moulded grout between tiles.

60	-	-	-	-	-	-	-	-	1	1	**49005450**	045242221066



HACKZALL™ blade set (10 pc)
2 x 49005460, 3 x 49005614, 3 x 49005424, 2 x 49005418

									10	1	**49220220**	045242160365



JIGSAW BLADES

Flexible and shatter resistant steel back for the most demanding of applications

Bi-Metal

High speed steel teeth with extra hard cutting edge

MATERIAL QUALITIES

HCS
– High Carbon Steel jigsaw blades are used for cutting all types of wood and plastics.

HSS
– High Speed Steel blades are suited to cutting metal, non ferrous metal and aluminium.

CARBIDE GRIT
– These blades have a tungsten carbide grit edge making them suitable for abrasive materials.

TC
– Blades with tungsten carbide tipped teeth are ideally suited to glassfibre reinforced products. Those blades with a continuous tungsten carbide tooth strip cutting edge are suitable for extremely hard materials such as stainless steel.

BI-METAL
– Bi-Metal blades consist of high speed steel teeth electron beam welded onto a flexible alloy steel back. These blades offer maximum performance in the most demanding applications in both wood and metal.

BI-METAL BLADES OFFER THE FOLLOWING BENEFITS:
– Flexible and shatter resistant
– Longer lifetime. Metal cutting blades offer double the lifetime and wood cutting blades more than 5 times the lifetime over conventional HCS and HSS blades.
– High wear rate and heat resistance ensure the teeth stay sharp longer.
– Faster cutting performance.

Blade colour code

Shank colour means application



= For all types of wood, laminated chipboard, chipboard, plywood, blockboard and plastics. Silver colour blade body.



= For all types of ferrous and non-ferrous metals, steel, aluminium, brass, copper, stainless steel, lead, tin and sandwich materials. Silver colour blade body.



= For cutting a range of products, carton, rubber, fibreglass, foam and abrasive materials. Black colour blade body.



= Bi-Metal blades come with a white body and then the corresponding colour shank; yellow for wood and blue for metal.

Jigsaw blades for wood and plastic

Traditional blades

Traditional blades that deliver good and solid performance.

Blade length (mm)	Tooth pitch (mm)	Ref. No.									Pack quantity	Min. order quantity	Article Number	EAN Code
														
50	2	T 119 B	< 20	-	< 20	Yes	-	No	No	No	5	1	**4932274353**	4002395301553
														
75	3	T 111 C	5 - 50	-	< 40	-	Yes	No	No	No	5	1	**4932254071**	4002395301539

Curve cutting blades

All of our curve cutting blades are characterised by a narrow blade body for improved manoeuvrability.
Jigsaw blade 4932265312 and 4932430143 has cutting teeth on both sides.
The teeth on the back of the blade allows one to cut tight and acute curves with simplicity.
For best results work without pendulum action when cutting tight curves.

														
50	1.35	T 101 AO	< 20	< 20	< 15	Yes	No	Yes	No	No	5	1	**4932373392**	4002395348879
														
50	2	T 119 BO	< 20	-	< 20	Yes	No	Yes	No	No	5	1	**4932274650**	4002395301485
														
75	2.5	Curve	< 30	< 20	< 20	Yes	No	Yes	No	Yes	5	1	**4932430143**	4002395378043
														
75	4 / 1.2	Special	< 30	-	< 30	No	Yes	Yes	No	No	5	1	**4932265312**	4002395301478
														
75	4	T 244 D	< 50	-	-	No	Yes	Yes	No	Yes	5	1	**4932346078**	4002395312375
											25	1	**4932373492**	4002395349920

Fast cut blades

The sharp and aggressive tooth geometry is ideal for very fast cutting of wood.

														
75	4	T 144 D	< 50	-	-	No	Yes	No	No	Yes	5	1	**4932213116**	4002395301492
											25	1	**4932373487**	4002395349272
											100	1	**4932430461**	4002395381227
														
Bi-Metal 75	4	T 144 DF	<50	-	-	No	Yes	No	No	Yes	5	1	**4932373391**	4002395348862
														
105	4	T 344 D	<80	-	-	No	Yes	No	No	Yes	5	1	**4932311633**	4002395301508
														
155	4	T 744 D	5-125	-	-	No	Yes	No	No	Yes	5	1	**4932354745**	4002395324095

Fast and clean cutting blades

Triple sharpened tooth geometry for fast and super clean splinter free cuts. Plunge tip for fast plunging.

	Blade length (mm)	Tooth pitch (mm)	Ref. No.										Pack quantity	Min. order quantity	Article Number	EAN Code
																
3 cut	91	2.5	T 234 X	3 - 60	3 - 60	Yes	< 45	No	No	Yes	No		5	1	**4932430141**	4002395378029

Clean and splinter free cutting blades

The following blades have diagonally sharpened side teeth resulting in a very clear splinter free cut.

														
	75	2.5	T 101 B	< 30	< 60	No	< 30	Yes	No	No	No	5	1	**4932254061**	4002395301522
												25	1	**4932373489**	4002395349296
														
Bi-Metal	75	2.5	T 101 BF	< 30	< 60	No	< 30	Yes	No	No	No	5	1	**4932373390**	4002395348855
														
	75	4	T 101 D	< 50	< 60	No	< 45	Yes	No	No	No	5	1	**4932274351**	4002395301515
												25	1	**4932373490**	4002395349906
														
	105	3	T 301 CD	< 80	< 60	No	-	Yes	No	No	No	5	1	**4932399306**	4002395359202
	105	4	T 301 DL	< 80	< 80	No	< 50	Yes	No	No	No	5	1	**4932346071**	4002395312399
														

Precise straight cutting blades: Kitchen worktops

The following blades benefit from a thicker blade body guaranteeing extra stiffness and consequently a more accurate vertical cut. Ideal for those applications where a true square cut is necessary - i.e. kitchen worktops.

													
75	4	T 101 DP	< 60	< 60	No	< 45	Yes	No	No	Yes	5	1	**4932373080**	4002395346073
													
105	4	T 101 DP sp.	< 80	< 80	No	< 50	Yes	No	No	Yes	5	1	**4932373388**	4002395348831

Special application: Kitchen worktops / laminated chipboard

These blades have a reversed tooth design, this means that the blade cuts on the downward stroke making them extremely suitable for clean and splinter free cuts in laminated chipboard and especially kitchen worktops in situ.
For best results work without pendulum action.

													
75	2.5	T 101 BR	< 30	< 60	No	< 60	Yes	No	No	No	5	1	**4932346079**	4002395312382
													
105	2.5	T101BR sp.	< 50	< 80	No	< 80	Yes	No	No	No	5	1	**4932348072**	4002395313860

Special application: Laminated flooring / parquet flooring

Blade 4932373392 is ideally suited for cutting curves and irregular shapes. Use blade 4932373083 for straight cuts.

													
50	1.35	T 101 AO	< 20	No	< 20	< 15	Yes	No	Yes	No	5	1	**4932373392**	4002395348879
													
60	1.9	Special	3 - 20	Yes	Yes	-	Yes	No	No	No	5	1	**4932373083**	4002395346080

Jigsaw blades for metal

Traditional blades

Blade reference 4939274652 is especially suited to cutting very thin sheet material because of its low 0.7 mm tooth pitch.
For those professionals desiring extra lifetime and durability we recommend the use of Bi-Metal blades in conjunction with a suitable cooling lubricant, the blades lifetime is double that of non Bi-Metal blades.

	Blade length (mm)	Tooth pitch (mm)	Ref. No.		Cu/Ni/Ms/Zn		STAINLESS - INOX	ALU				Pack quantity	Min. order quantity	Article Number	EAN Code
															
	55	0.7	T 118 G	0.5 - 2	0.5 - 2	-	-	-	-	-	No	5	1	**4932274652**	4002395301621
															
	55	1.2	T 118 A	1.5 - 4	1.5 - 4	-	-	-	-	-	No	5	1	**4932254063**	4002395301614
												25	1	**4932373486**	4002395349265
															
Bi-Metal	55	1.2	T 118 AF	1.5 - 4	1.5 - 4	-	1.2 - 2	-	-	-	No	5	1	**4932340011**	4002395304684
															
	66	1.2	T 118 A sp.	1.5 - 4	1.5 - 4	-	-	-	-	-	No	5	1	**4932345826**	4002395313464
															
	105	1	T 318 A	1 - 4	1 - 4	< 85	-	-	-	-	No	5	1	**4932399307**	4002395359219
															
	55	2	T 118 B	3 - 6	3 - 6	-	-	3 - 10	-	-	No	5	1	**4932254064**	4002395301591
															
Bi-Metal	55	2	T 118 BF	3 - 6	3 - 6	-	2 - 3	3 - 10	-	2 - 30	No	5	1	**4932340012**	4002395304691
															
Bi-Metal	75	2.5	T 101 A sp.	-	2 - 10	< 45	-	3 - 10	-	2 - 20	No	5	1	**4932274651**	4002395301577

Universal application blades

These blades are suitable for cutting a wide variety of materials ranging from steel, aluminium, wood with nails, plastics and sandwich composites. Blade 4932373086 with its extra length (155 mm) is suitable for cutting thick corrugated sandwich material.

														
Bi-Metal TWIN CUT	91	2.5 / 1.8	T 123 XF	2.5 - 10	3 - 10	< 50	-	4 - 10	-	-	No	5	1	**4932430142**	4002395378036
															
Bi-Metal	105	1.2	T 318 AF	1.5 - 4	1.5 - 4	< 85	-	-	-	-	No	5	1	**4932274654**	4002395301607
															
Bi-Metal	105	2	T 318 BF	3 - 6	3 - 6	< 85	-	3 - 10	4 - 30	-	No	5	1	**4932274653**	4002395301584
															
Bi-Metal	155	1	T 718 AF	1 - 4	1 - 4	< 125	-	-	-	-	No	5	1	**4932373086**	4002395346097

Curve cutting blades

Especially narrower saw blade body allows one to cut tight curves in a range of metallic materials.

													
55	1.2	T 218 A	1.5 - 4	1.5 - 4	-	-	-	-	-	Yes	5	1	**4932346082**	4002395312368
													
75	3	T 227 D	3.5 - 6	3.5 - 6	-	-	4 - 15	4 - 30	-	Yes	5	1	**4932346081**	4002395312351

Special application: Aluminium

Most traditional blades are also capable of cutting aluminium, however these two blades benefit from a larger tooth pitch and wider gullets offering better material removal which is an advantage when cutting aluminium.
When cutting curves or irregular shapes in aluminium we recommend the use of blade 4932346081.

Blade length (mm)	Tooth pitch (mm)	Ref. No.		Cu/Ni/Ms/Zn		STAINLESS - INOX	ALU		Pack quantity	Min. order quantity	Article Number	EAN Code
75	3	T 127 D	3.5 - 6	3.5 - 6	-	-	4 - 15	4 - 30	5	1	**4932274315**	4002395301560

Special application: Stainless steel

This blades teeth consist of a carbide tipped strip making it the most suitable and durable blade for steels with a high alloy content such as stainless steel.
For best results work without pendulum action and use cutting oil as a lubricant.

50	1.1	T 118 AHM	1.5 - 3	1.5 - 3	-	1.5 - 3	-	-	2	1	**4932373393**	4002395348886

Jigsaw blades for special materials

Special applications: Fibreglass / reinforced plastics / acrylic glass

Blade 4932373387 and 4932493687 have tungsten carbide teeth for longer lifetime in hard materials such as GRP/GFK – glass reinforded plastics / fibreglass and WPC - wood plastic composite.

	Blade length (mm)	Tooth pitch (mm)	Ref. No.		Cu/Ni/Ms/Zn							Pack quantity	Min. order quantity	Article Number	EAN Code
Bi-Metal	75	2.5	T 101 A sp.	2 - 10	-	No	No	-	2 - 20	-	-	No	5	1	**4932274651**	4002395301577
	75	4.2	T 141 HM	-	-	No	No	5 - 20	-	5 - 20	-	Yes	1	1	**4932399308**	4002395359226
	91	3.3	T301CHM	-	< 60	No	No	5 - 20	2 - 20	5 - 20	-	Yes	2	1	**4932493687**	4058546508470
	105	4.2	T 341 HM	-	< 60	No	No	5 - 20	-	5 - 20	-	No	1	1	**4932373387**	4002395348824

Special application: Abrasive materials / cast iron

54	Grain 30	T 130 Coarse grit	-	-	Yes	Yes	< 15	-	-	Yes	5 - 15	No	1	1	**4932213231**	4002395301645
54	Grain 50	T 150 Fine	-	-	Yes	Yes	< 10	-	-	Yes	5 - 15	No	1	1	**4932213232**	4002395301652

Special application: Insulation material

Blade length (mm)	Tooth pitch (mm)	Ref. No.					Pack quantity	Min. order quantity	Article Number	EAN Code
155	Wave knife	T 313 AW	Yes	Yes	Yes	Yes	5	1	**4932430144**	4002395378050

Jigsaw blade sets - T-Shank reception

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**Jigsaw blades set (5pc) - suitable for applications in wood and metal** Jigsaw blade 4932213116, 4932254061, 4932254063, 4932254064, 4932254071	5	1	**4932345825**	4002395314850
②	**Jigsaw blades set (35pc) - suitable for applications in wood and metal** Contents: 7 x 4932213116 - T144D wood fast cut , 7 x 4932274351 - T101D wood clean cut, 7 x 4932254061 - T101B wood extra clean cut, 7 x 4932346078 - T244D wood fast curve cut, 7 x 4932254063 - T118A metal	35	12	**4932479088**	4058546368821

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U-Shank jigsaw blades

Blade length (mm)	Tooth pitch (mm)	Ref. No.							Pack quantity	Min. order quantity	Article Number	EAN Code
75	4	A 2202	5 - 60	< 60	-	No	Yes	Yes	5	1	**4932354508**	4002395321070
75	2.5	A5035/A5041	< 30	< 60	< 30	Yes	No	No	5	1	**4932354506**	4002395321056



OSCILLATING MULTI-TOOL BLADES

NO COMPONENTS OR ADAPTORS REQUIRED

FAST BLADE CHANGES

100% POWER TRANSMISSION FROM TOOL TO ACCESSORY

ONE UNIVERSAL SYSTEM

WHY MILWAUKEE®?

1. BEST LIFETIME & DURABILITY
2. ALL-TRADE FOCUSED SOLUTIONS
3. FULLY-STACKED COMPREHENSIVE RANGE
4. OVER 22 OMT PRODUCTS IN THE RANGE



CARBIDE EXTREME

Multi Material 35mm plunge cut carbide toothed blade for extra long-life (30X more life than standard blades).

48906040

30x MORE CUTS

CARBIDE EXTREME

Description	Soft Wood	Hard Wood	Plastic	Wood+ Nails	Metal	Grout	Tile Adhesive	Pack quantity	ART.#
Wood 35mm plunge cut blade.	✓		✓					1	48906001
Wood 35mm plunge cut blade with 3 cut tooth geometry for fast and clean cuts.	✓	✓	✓					1	48906011
Wood 65mm wide plunge cut blade.	✓		✓					1	48906005
Wood 65mm wide plunge cut blade with 3 cut tooth geometry for fast and clean cuts.	✓	✓	✓					1	48906015
Wood 35mm plunge cut Bi-Metal blade for long-life and 3 cut tooth geometry for fast and clean cuts.	✓	✓	✓					1	48906017
Wood with nails 20mm narrow plunge cut Bi-Metal blade for long-life	✓		✓	✓				1	48906000
Wood with nails 35mm plunge cut Bi-Metal blade for long-life.	✓		✓	✓				1	48906021
Wood with nails 65mm plunge cut Bi-Metal blade for long-life.	✓		✓	✓				1	48906027
Multi Material 28mm plunge cut Bi-Metal blade for long-life.	✓	✓	✓	✓	✓			1	48906031
Multi Material 43mm plunge cut Bi-Metal blade for long-life.	✓	✓	✓	✓	✓			1	48906035
Multi Material 35mm plunge cut carbide toothed blade for extra long-life (30X more life than standard blades).	✓	✓	✓	✓	✓			1	48906040
Multi Material 85mm diameter segmented flush cut blade.	✓	✓	✓	✓	✓			1	48906038
Multi Material 100mm diameter segmented flush cut Bi-Metal blade for long-life.	✓	✓	✓	✓	✓			1	48906039
Grout removal 2.2mm thick carbide grit blade. For removing damaged grout between wall or floor tiles.						✓		1	48906051
Grout removal 1.2mm thick carbide grit blade. For removing damaged grout between wall or floor tiles.						✓		1	48906050
Grout removal 2.2mm thick diamond grit blade for extra long life. For removing damaged grout between wall or floor tiles. 5x more life than carbide grout blades.						✓		1	48906053
Grout removal 1.2mm thick diamond grit blade for extra long life. For removing damaged grout between wall or floor tiles. 5x more life than carbide grout blades.						✓		1	48906052
Rasp with carbide grit for rough sanding and smoothing of tile adhesive, mortar and wood.	✓						✓	1	48906054
Firm scraper for removal of hard residues like hard adhesives, tile adhesives, concrete residues and old paint.							✓	1	48906062

SANDING

Sanding pad with 6 holes, hook and loop fixation.

48906070





Description
Perforated sanding discs for wood, paint,lacquer and plaster 93x93x93mm. Powergrid Mesh - 80-240 grit High performance - 40-240 grit Standard - 40-240 grit

Multi-Tool accessories - STARLOCK reception

STARLOCK universal blade reception makes Milwaukee® blades compatible with the most popular oscillating tools.

Wood cutting blades

	Description	Width (mm)	Length (mm)	Soft wood	Hard Wood	Plastics	Wood with nails	Metal channel and profiles	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Wood 35 mm plunge cut blade	35	42	✔		✔			1	1	**48906001**	045242600298
									10	1	**48906004**	045242600281
②	Wood 35 mm plunge cut blade with 3 cut tooth geometry for fast and clean cuts	35	42	✔	✔	✔			1	1	**48906011**	045242600304
									10	1	**48906014**	045242600311
									50	1	**48906511**	045242739974
③	Wood 65 mm wide plunge cut blade	65	42	✔		✔			1	1	**48906005**	045242600274
									50	1	**48906505**	045242739943
④	Wood 65 mm wide plunge cut blade with # 3 cut tooth geometry for fast and clean cuts	65	42	✔	✔	✔			1	1	**48906015**	045242600328
⑤	Wood 35 mm plunge cut Bi-Metal blade for long life and 3 cut tooth geometry for fast and clean cuts	35	42	✔	✔	✔			1	1	**48906017**	045242600335
									10	1	**48906019**	045242600342





Multi material cutting blades

	Description	Width (mm)	Length (mm)	Soft wood	Hard Wood	Plastics	Wood with nails	Metal channel and profiles	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Wood with nails 20mm narrow plunge cut Bi-Metal blade for long life	20	34	✔	✔	✔	✔		1	1	**48906000**	045242670673
②	Wood with nails 35 mm plunge cut Bi-Metal blade for long life	35	42	✔	✔	✔	✔		1	1	**48906021**	045242600359
									10	1	**48906024**	045242600366
									50	1	**48906521**	045242739929
③	Wood with nails 65 mm plunge cut Bi-Metal blade for long life	65	42	✔		✔	✔		1	1	**48906027**	045242600373
									50	1	**48906527**	045242739950
④	Multi Material 28 mm plunge cut Bi-Metal blade for long life	28	47	✔	✔	✔	✔	✔	1	1	**48906031**	045242600380
									10	1	**48906034**	045242600397
									50	1	**48906531**	045242739936
⑤	Multi Material 43 mm plunge cut Bi-Metal blade for long life	43	47	✔	✔	✔	✔	✔	1	1	**48906035**	045242600403
⑥	Multi Material 35 mm plunge cut carbide toothed blade for extra long life (30x life than standard blades)	35	32	✔	✔	✔	✔	✔	1	1	**48906040**	045242600458
⑦	Multi Material 85 mm diameter segmented flush cut blade	85	20	✔	✔	✔	✔	✔	1	1	**48906038**	045242600410
⑧	Multi Material 100 mm diameter segmented flush cut Bi-Metal blade for long life	100	28	✔	✔	✔	✔	✔	1	1	**48906039**	045242600427

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Grout removal and rasping blades

	Description	Width (mm)	Length (mm)	Grout	Tile adhesive	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Grout removal 2.2 mm carbide grit blade. For removing damaged grout between wall or floor tiles	75	20	✔		1	1	**48906051**	045242600441
②	Grout removal 1.2 mm carbide grit blade. For removing damaged grout between wall or floor tiles	75	20	✔		1	1	**48906050**	045242600434
③	Grout removal 2.2 mm diamond grit blade for extra long life. For removing damaged grout between wall or floor tiles	90	25	✔		1	1	**48906053**	045242600489
④	Grout removal 1.2 mm diamond grit blade for extra long life. For removing damaged grout between wall or floor tiles	75	25	✔		1	1	**48906052**	045242600465
⑤	Rasp with carbide grit for rough sanding and smoothing of tile adhesive, mortar and wood	80	80		✔	1	1	**48906054**	045242600496

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Scraping and cutting blades

	Description	Width (mm)	Length (mm)	Tile adhesive	Adhesives	Carpet	Silicon / Acrylic	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Flexible scraper for removal of soft residues like silicone, acrylic, carpet adhesive and old paint	52	37		✔		✔	1	1	**48906061**	045242600540
②	Firm scraper for removal of hard residues like hard adhesives, tile adhesives, concrete residues and old paint	52	37	✔	✔	✔		1	1	**48906062**	045242600557
③	Flexible cutter/scraper for silicone and soft window putty material	70	-				✔	1	1	**48906063**	045242600564
④	Knife with 3 cutting edges. For cutting carpet, PVC flooring, cardboard and roofing felt	40	-			✔		1	1	**48906060**	045242600519

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Sanding / polishing / cleaning

	Description	Width (mm)	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Sanding pad 93 x 93 mm - Hook & Loop	93	93	1	1	**48906070**	045242600571

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Multi-tool sets

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	Wood blade set (5pc)				
①	2 x 48906001 35mm wood plunge cut blade, 2 x 48906011 35mm soft and hard wood plunge cut blade with 3 cut tooth geometry, 1 x 48906021 35mm wood and nails Bi-Metal plunge cut blade	5	12	**48906114**	045242670680
	Wood and metal blade set (5pc)				
②	1 x 48906011 35mm soft and hardwood plunge cut blade with 3 cut tooth geometry, 2 x 48906021 35mm wood and nails Bi-Metal plunge cut blade, 2 x 48906031 28mm multi material plunge cut blade	5	12	**48906115**	045242670697
	Renovation set (8pc)				
③	2 x multi mat. 28mm plunge cut blade, 2 x multi mat. 43mm plunge cut blade, 1 x grout removal 2.2mm carbide blade, 1 x 3X cutting knife, 1 x rasp carbide grit, 1 x flexible scraper 52mm	8	1	**48906088**	045242600649
	General multi-tool blade set (11pc)				
④	2 x 35 mm plunge cut blade, 2 x 65 mm plunge cut blade, 1 x 65 mm 3C fast plunge cut blade, 2 x multi mat. 28 mm plunge cut blade, 2 x multi mat. 43 mm plunge cut blade, 1 x multi mat. 85 mm seg. flush cut blade, 1 x firm scraper 52 mm	11	1	**48906090**	045242600663
⑤	**Multi-tool box**	1	1	**4932479838**	4058546376321

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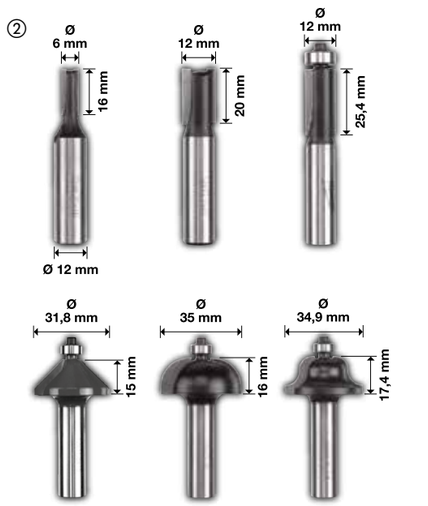
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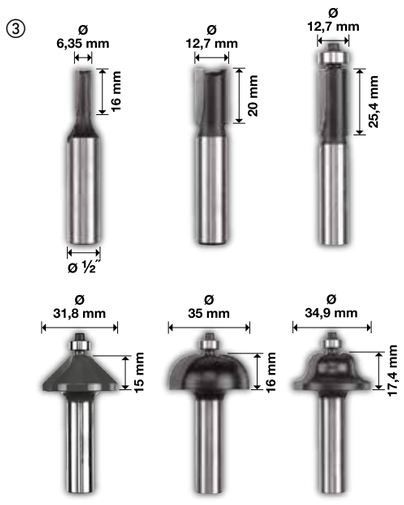
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Router bit sets

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Router bit set with 8mm shank (12pc)	12	1	**4932451668**	4002395275564
② Router bit set with 12mm shank (6pc)	6	1	**4932493578**	4058546484491
③ Router bit set with 1/2˝ inch shank (6pc)	6	1	**4932493579**	4058546484507

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DESIGNED FOR USE IN PACKOUT™

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MILWAUKEE® ROUTER BITS

BEST FINISH // DURABILITY // PRECISION

MILWAUKEE® Router Bits are designed for unmatched precision and long-lasting performance. Whether you're shaping edges, cutting grooves, or crafting custom joinery, our router bits deliver clean, consistent results on every pass. Engineered fordurability, they're ready for any jobsite or workshop. Explore our full range of Router Bits — perfect for professionals who demand accuracy, control, and cutting-edge reliability.

FEATURES



ULTRA SHARP
MULTI AXIS GRINDING PROCESS PRODUCES AN ULTRA SHARP CUTTING EDGE GEOMETRY. BEST EDGE RETENTION - STAYS SHARPER LONGER

COBALT INFUSED CARBIDE
COBALT MICRO GRAIN TUNGSTEN CARBIDE FOR BEST DURABILITY AND LIFETIME. THICK CARBIDE FOR MULTIPLE RESHARPENINGS

TRIPLE LAYER BRAZING PROCESS
CARBIDE IS BRAZED ONTO THE BODY USING A TRIPLE LAYER PROCESS (SILVER-COPPER-SILVER) TO GIVE THE STRONGEST BOND

SUPERIOR STEEL
PRODUCED FROM BEST QUALITY SOLID STEEL BAR STOCK FOR EXTRA STRENGTH AND PERFECT CONCENTRICITY OF THE SHANK

ANTI-FRICTION COATING
REDUCES BINDING, FRICTION AND HEAT BUILD UP. CUTS COOL. PROTECTS AGAINST CORROSION AND ACCUMULATION OF RESIN

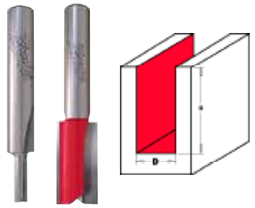
Straight bits

2 carbide edges ensure clean, smooth and precise grooves or slots in soft/hard woods, MDF, plastic coated boards, plywood, plastics and composites. Bits from 3-8mm diameter are solid carbide for better durability and lifetime.

With bottom cutting edge making them ideal for plunge cuts.

On small diameters as well as long router bits make multiple shallow passes to prevent damaging the bit.

Ref. 4932501169 is supplied with an extra carbide cutting edge at the tip for better performance and lifetime.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Solid carbide HW	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	3.2	45	9.5	Yes	1	1	**4932500852**	4058546621544
¼″	4	45	10	Yes	1	1	**4932500853**	4058546621551
¼″	4.75	50.8	12.7	Yes	1	1	**4932500854**	4058546621568
¼″	5	50	12	Yes	1	1	**4932500855**	4058546621575
¼″	6	50	16	Yes	1	1	**4932500856**	4058546621582
¼″	6	60	25.4	Yes	1	1	**4932501163**	4058546624651
¼″	6.35	50.8	19	Yes	1	1	**4932500857**	4058546621599
¼″	6.35	60	25.4	Yes	1	1	**4932500858**	4058546621605
¼″	8	50	20	Yes	1	1	**4932500859**	4058546621612
¼″	9.5	63.5	31.7		1	1	**4932500861**	4058546621636
¼″	9.5	63.5	25.4		1	1	**4932500860**	4058546621629
¼″	10	48	20		1	1	**4932500862**	4058546621643
¼″	12	50	20		1	1	**4932500863**	4058546621650
¼″	12	60	31.7		1	1	**4932501164**	4058546624668
¼″	12.7	57.2	19		1	1	**4932500864**	4058546621667
¼″	12.7	70	31.7		1	1	**4932500865**	4058546621674
¼″	15	57.2	20		1	1	**4932501165**	4058546624675
¼″	19	57.2	20		1	1	**4932500866**	4058546621681
½″	6.35	63.5	19	Yes	1	1	**4932500867**	4058546621698
½″	9.5	73	31.7		1	1	**4932500868**	4058546621704
½″	10	60	31.7		1	1	**4932501166**	4058546624682
½″	12	70	31.7		1	1	**4932501167**	4058546624699
½″	12.3	63.5	25.4		1	1	**4932500869**	4058546621711
½″	12.7	76.2	31.7		1	1	**4932500870**	4058546621728
½″	12.7	108	50.8		1	1	**4932500871**	4058546621735
½″	12.7	111	63.5		1	1	**4932500872**	4058546621742
½″	16	70	31.7		1	1	**4932501168**	4058546638849
½″	19	63.5	25.4		1	1	**4932500873**	4058546621759
½″	19	82.5	38.1		1	1	**4932500874**	4058546621766
½″	25.4	76.2	31.7		1	1	**4932500875**	4058546621773
½″	12.7	108	50.8		4	1	**4932501050**	4058546623524
8	3	50	8	Yes	1	1	**4932500876**	4058546621780
8	4	50	10	Yes	1	1	**4932500877**	4058546621797
8	5	50	12	Yes	1	1	**4932500878**	4058546621803
8	6	50	16	Yes	1	1	**4932500879**	4058546621810
8	6	60	25.4	Yes	1	1	**4932500880**	4058546621827
8	7	49	18	Yes	1	1	**4932500881**	4058546621834
8	8	50	20	Yes	1	1	**4932500882**	4058546621841
8	8	60	31.7	Yes	1	1	**4932500883**	4058546621858
8	10	48	20		1	1	**4932500884**	4058546621865
8	10	60	31.7		1	1	**4932500885**	4058546621872
8	12	50	20		1	1	**4932500886**	4058546621889
8	12	60	31.7		1	1	**4932500887**	4058546621896
8	12.7	70	31.7		1	1	**4932501170**	4058546638863
8	14	50	20		1	1	**4932500888**	4058546621902
8	14	60	31.7		1	1	**4932500889**	4058546621919
8	15	57.2	20		1	1	**4932500890**	4058546621926
8	15	66	31.7		1	1	**4932500891**	4058546621933
8	16	57.2	20		1	1	**4932500892**	4058546621940
8	16	66	31.7		1	1	**4932500893**	4058546621957
8	18	50	20		1	1	**4932500894**	4058546621964
8	20	50	20		1	1	**4932500895**	4058546621971
8	22	57.2	20		1	1	**4932500896**	4058546621988
8	24	50	20		1	1	**4932500897**	4058546621995
8	25	50	20		1	1	**4932500898**	4058546622008
12	4	58	10		1	1	**4932500899**	4058546622015
12	6	60	25.4	Yes	1	1	**4932500900**	4058546622022
12	8	75	31.7	Yes	1	1	**4932500901**	4058546622039
12	10	74	31.7		1	1	**4932500902**	4058546622046
12	12	95	38.1		1	1	**4932500903**	4058546622053
12	12	108	50.8		1	1	**4932500904**	4058546622060
12	12	110	70		1	1	**4932501169**	4058546638856
12	15	70	31.7		1	1	**4932501171**	4058546638870
12	16	70	31.7		1	1	**4932500905**	4058546622077
12	18	80	38.1		1	1	**4932501172**	4058546638887
12	20	80	38.1		1	1	**4932500906**	4058546622084
12	22	80	38.1		1	1	**4932500907**	4058546622091

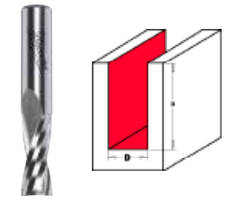
Upcut spiral solid carbide bits

Upcut spiral bits have a sharpened tip so they plunge faster and as deep as you like without stopping; in comparison standard straight bits only plunge in intervals of 25mm maximum.

An upcut spiral bit removes the chips upwards for optimum chip clearance resulting in faster feed rates without burning and a clean finish on the bottom of the material.

Suitable for soft/hard woods, MDF, plastic coated boards, plywood, plastics and composites.

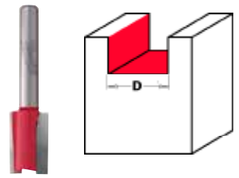
For use on portable/benchtop routers as well as CNC machines.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Solid carbide HW	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	3.18	50.8	12.7	Yes	1	1	**4932500908**	4058546622107
¼″	3.97	50.8	12.7	Yes	1	1	**4932500909**	4058546622114
¼″	4.76	50.8	19.05	Yes	1	1	**4932500910**	4058546622121
¼″	6.35	63.5	25.4	Yes	1	1	**4932500911**	4058546622138
½″	12.7	76.2	31.75	Yes	1	1	**4932500912**	4058546622145
8	3	60	12	Yes	1	1	**4932500913**	4058546622152
8	4	60	15	Yes	1	1	**4932500914**	4058546622169
8	5	60	17	Yes	1	1	**4932500915**	4058546622176
8	6	70	27	Yes	1	1	**4932500916**	4058546622183
8	8	80	32	Yes	1	1	**4932500917**	4058546622190
12	12	100	52	Yes	1	1	**4932500918**	4058546622206

Morticing hinge bits

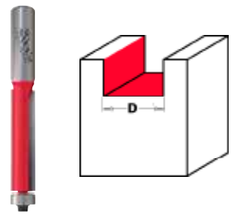
2 extra thick carbide tips for producing tenons, mortices and for recessing hinges.
The carbide tips have a negative shear angle ensuring a splinter free finish.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	12.7	54	20	1	1	**4932500921**	4058546622237
8	19	54	19	1	1	**4932500922**	4058546622244

Flush trimming bits

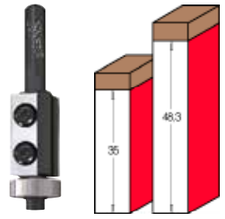
Carbide 2 flute bit with bottom bearing for self-guiding
The bearing has the same diameter as the cutter making it ideal for trimming one surface flush with an adjoining surface for plastic or wood overlays.
Trimming bits with a shear cutting angled flute require less feed pressure so cut quicker. The angled flute means there is less force on the cutting edge for less breakages plus they reduce the risk of tear-out for even cleaner cuts in wood and melamine boards.
After resharpening replace the bearing as follows. Bearing B8 Ø 9,5mm 4932501062 with bearing B9 Ø 9,3mm 4932501063. Bearing B10 Ø 12,7mm 4932501064 with bearing B12 Ø 12,5mm 4932501066.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Solid carbide HW	Cutting Angle (°)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	6.35	63.5	25.4	Yes	0°	1	1	**4932500923**	4058546622251
¼″	9.5	55.5	12.7		0°	1	1	**4932501173**	4058546638894
¼″	9.5	68.2	25.4		0°	1	1	**4932500924**	4058546622268
¼″	12.7	70.7	25.4		-3°	1	1	**4932500925**	4058546622275
¼″	12.7	71	25.4		0°	1	1	**4932501174**	4058546638900
½″	12.7	94	38.1		0°	1	1	**4932500926**	4058546622282
½″	12.7	104	50.8		0°	1	1	**4932500927**	4058546622299
½″	19	110	50.8		-3°	1	1	**4932500928**	4058546622305
8	9.5	68.2	25.4		0°	1	1	**4932500929**	4058546622312
8	12.7	70.7	25.4		-3°	1	1	**4932500930**	4058546622329
8	19	74.5	25.4		-3°	1	1	**4932500931**	4058546622336
12	12.7	104	50.8		0°	1	1	**4932500932**	4058546622343
12	19	110	50.8		-3°	1	1	**4932500933**	4058546622350

Flush trimming bits with carbide insert knives

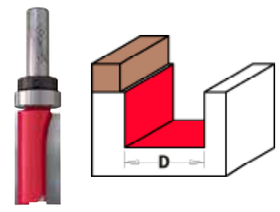
Straight flush router bit with two replaceable carbide insert knives with bottom bearing.
Knives have 4 x 35° cutting edges so can be rotated to give double the life.
Ø8mm shaft with one bearing and larger Ø12 / 1/2″ shaft with double bottom bearing



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Bearing type	Collar type	Knives type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
½″	19	112	50	B6	C4	K4	S2, S3	W4	1	1	**4932500934**	4058546622367
8	19	77	30	B6	C2	K3	S2, S3	W4	1	1	**4932500935**	4058546622374
12	19	112	50	B6	C4	K4	S2, S3	W4	1	1	**4932500936**	4058546622381

Template profile bits

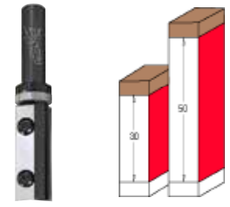
Carbide 2 flute bit with top bearing for precise self-guiding along a template without the need of a guide bush, forming a exact duplicate of the template.
Also perfect for cutting repeatable and complex shapes.
The bearing has the same diameter as the cutter.
Bits have a bottom cutting edge so can be plunged prior to following a template.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Bearing type	Collar type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	12.7	57.2	19	B1	C1	1	1	**4932500937**	4058546622398
¼″	12.7	70	31.7	B1	C1	1	1	**4932501175**	4058546638917
¼″	15.8	66.5	19	B2	C1	1	1	**4932500938**	4058546622404
½″	19	92	50.8	B4	C4	1	1	**4932500939**	4058546622411
8	16	66.5	31.7	B3	C2	1	1	**4932500941**	4058546622435
8	19	66.5	31.7	B3	C2	1	1	**4932500942**	4058546622442
8	22	57	20	B5	C2	1	1	**4932500943**	4058546622459
12	19	92	50.8	B4	C3	1	1	**4932500944**	4058546622466

Template profile bits with carbide insert knives

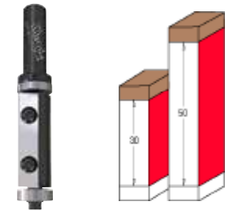
Pattern router bit with two replaceable carbide insert knives. With top bearing for precise self-guiding along a template without the need of a guide bush for pattern duplication, to cut repeatable and complex shapes.
Knives have 4 x 35° cutting edges so can be rotated to give double the life.
The knife has a 3° cutting angle for plunge and high precision cuts.
Especially suited to trimming laminate.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Bearing type	Collar type	Knives type	Screws / Nuts type	Pack quantity	Min. order quantity	Article Number	EAN Code
½″	19	100	48.3	B4	C4	K2	S2	1	1	**4932500948**	4058546622503
8	16	80	35	B3	C2	K1	S1	1	1	**4932500949**	4058546622510
12	19	100	48.3	B4	C4	K2	S2	1	1	**4932500950**	4058546622527

Template /Flush trimming bits with carbide insert knives

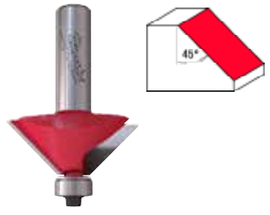
Double bearing straight router bit with two replaceable carbide insert knives.
The double bearing gives the flexibility to place templates either on top or at the bottom of the material. It also can provide for more stability when high material removal is required.
Knives have 4 x 35° cutting edges so can be rotated to give double the life.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Bearing type	Collar type	Knives type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
½″	19	110	50	B4, B6	C4	K4	S2, S3	W4	1	1	**4932500945**	4058546622473
8	19	90	30	B6, B7	C2	K3	S2, S3	W4	1	1	**4932500946**	4058546622480
12	19	110	50	B4, B6	C4	K4	S2, S3	W4	1	1	**4932500947**	4058546622497

Chamfer bits

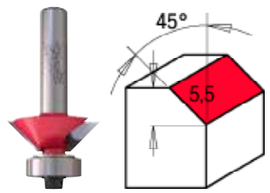
Carbide 2 flute bit with bottom bearing for self-guiding with no need for a template.
For producing 45° chamfer edges on the corners of a workpiece.
After resharpening replace the bearing as follows. Bearing B8 Ø 9,5mm 4932501062 with bearing B9 Ø 9,3mm 4932501063. Bearing B10 Ø 12,7mm 4932501064 with bearing B12 Ø 12,5mm 4932501066.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	31.7	53.3	9.5	45°	B10	S5	W2	1	1	**4932501003**	4058546623050
½″	31.7	53.3	9.5	45°	B10	S6	W3	1	1	**4932501210**	4058546639266
½″	45	66.5	18	45°	B10	S5	W2	1	1	**4932501004**	4058546623067
8	31.7	53.3	9.5	45°	B10	S5	W2	1	1	**4932501005**	4058546623074
8	45	60.5	18	45°	B10	S5	W2	1	1	**4932501006**	4058546623081
12	31.7	53.3	10	45°	B10	S5	W2	1	1	**4932501211**	4058546639273
12	65	77.1	26	45°	B10	S5	W2	1	1	4932501007	4058546623098

Combi chamfer/trimming bits

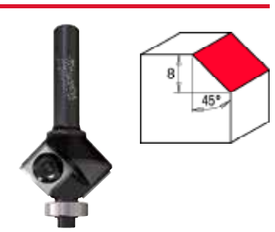
Especially suited to chamfering laminate.
Ref 4932 5010 01 is supplied with 3 carbide cutting edges. Special short cutting length especially for chamfering plastic laminates and all wood types.
Ref 4932 5010 0 is supplied with 2 carbide cutting edges. Combination trim and chamfer cutter. Top side chamfers and bottom of the cutter will trim.
After resharpening replace the bearing as follows. Bearing B8 Ø 9,5mm 4932501062 with bearing B9 Ø 9,3mm 4932501063.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	17.5	51	9.5	22°	B8	S5	W1	1	1	**4932501001**	4058546623036
8	27	51.5	5.5	25°	B18	S5	W2	1	1	**4932501002**	4058546623043

Chamfer bits with carbide insert knives

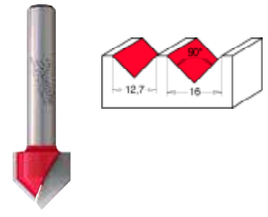
Chamfer router bit with two replaceable carbide insert knives. With bottom bearing for self-guiding, with no need for a template.
For producing 45° chamfer edges on the corners of a workpiece.
Ideal for chamferring plastic laminates and all wood types.
Knives have 4 x 45° cutting edges so can be rotated in 90° increments to give 4x the life.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Knives type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
8	29	60	8	45°	K6	S2, S6	W5	1	1	**4932501008**	4058546623104

V Groove bits

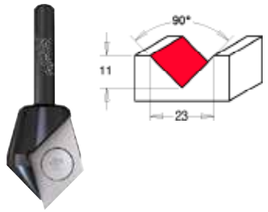
Carbide 2 flute bit for multiple tasks. V grooves for decorative trim, chamfering edges and engraving/sign writing.
References 4932500955 and 4932500956 are particularly made for scoring V-grooves in aluminium composite panels or similar sandwich material so that it can be folded.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	12.7	44.5	12.7 / 6.35	90°	1	1	**4932500951**	4058546622534
½″	16	63.5	12.7 / 8	90°	1	1	**4932500952**	4058546622541
8	16	52.8	12.7 / 8	90°	1	1	**4932500953**	4058546622558
8	31.7	63.5	19 / 15.88	90°	1	1	**4932500954**	4058546622565
¼″	18	60	7.4	90°	1	1	**4932500955**	4058546622572
8	18	60	7.4	90°	1	1	**4932500956**	4058546622589

V Groove bits with carbide insert knives

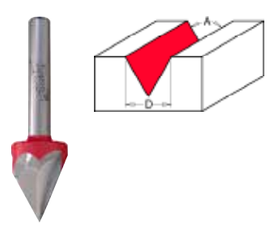
V groove router bit with one replaceable carbide insert knife.
Knives have 4 x 35° cutting edges so can be rotated to give double the life.
Ideal for sign writing and engraving.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Knives type	Screws / Nuts type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	23	60	11	90°	K5	S4	1	1	**4932500957**	4058546622596
8	23	60	11	90°	K5	S4	1	1	**4932500958**	4058546622602

Laser point bits

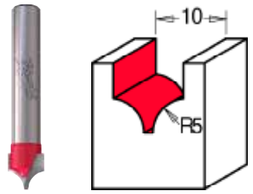
Solid carbide head with 3 cutting edges for maximum lifetime.
Cuts fine lines with high accuracy making it ideal for sign writing and engraving.
3 cutting edges reduce the risk of burning.
Suitable for free hand use.
Multi axis CNC grinding process produces a ultra sharp cutting edge geometry for best edge retention - Stays Sharper Longer.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼″	12.7	57.2	11	60°	1	1	**4932500959**	4058546622619
8	12.7	57.2	11	60°	1	1	**4932500960**	4058546622626

Decorative beading bits

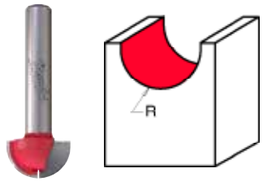
Carbide 2 flute bit.
Produces a decorative bead effect for panels,door and drawer applications.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Radius (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼˝	10 / 1.3	50	10	5	1	1	**4932500961**	4058546622633
8	10 / 1.3	50	10	5	1	1	**4932500962**	4058546622640
8	19 / 6.35	68	13	3.2	1	1	**4932500963**	4058546622657

Radius Cove bits

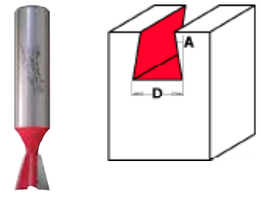
2 carbide edges ensure clean, smooth round bottom grooves. These can be used to plunge into the middle of the workpiece to create grooves as opposed to cove bits with a bearing .
Bits with Ø 6 and 6,4mm diameter are solid carbide for better durability.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Radius (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼˝	6.4	50.8	12.7	3.2	1	1	**4932500964**	4058546622664
¼˝	12.7	50.8	9.5	6.35	1	1	**4932500965**	4058546622671
½˝	19	73	31.7	9.5	1	1	**4932500966**	4058546622688
8	6	73	31.7	3	1	1	**4932500967**	4058546622695
8	9.5	50.8	6.2	4.75	1	1	**4932500968**	4058546622701
8	12.7	50.8	9.3	6.35	1	1	**4932500969**	4058546622718
8	15.8	50.8	9.3	8	1	1	**4932500970**	4058546622725
8	19	50.8	11.3	9.5	1	1	**4932500971**	4058546622732
8	20	63.5	25.4	10	1	1	**4932500972**	4058546622749
8	25	68	31.7	12.5	1	1	**4932500973**	4058546622756
8	30	63.5	19	15	1	1	**4932500974**	4058546622763
12	19	73	31.7	9.5	1	1	**4932500975**	4058546622770

Dovetail bits

2 carbide edges ensure clean cuts.
For dovetail joints.

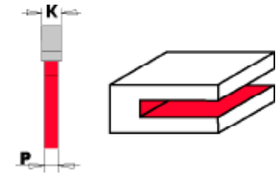


Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Pack quantity	Min. order quantity	Article Number	EAN Code
¼˝	12.7	52.4	12.7	14°	1	1	**4932500976**	4058546622787
½˝	12.7	63.5	12.7	14°	1	1	**4932500977**	4058546622794
8	12.7	52.4	12.7	14°	1	1	**4932500978**	4058546622800
8	19	60.3	22	7°	1	1	**4932500979**	4058546622817

Slot cutter arbor and cutters

Slot cutter arbors are delivered with bearing, nut and three washers/spacers (⅓/4mm); the required 3 wing slot cutters need to be ordered extra.
3 wing carbide tipped slot cutters with anti kickback design for maximum safety come in a wide range of widths.
All cutters have a Ø 8mm bore and a maximum cutting depth of 12.8mm.
With red anti friction coating to prevent resin build up and jamming.
Applications: grooves for biscuit joining, slots for weather proofing on windows and door frames and tongue and groove joints.
Cobalt infused micro grain tunsten carbide for best durability and lifetime, thicker carbide so suitable for multiple resharpennings.
Carbide is brazed onto the body using a triple layer process (silver-copper-silver) to give the strongest bond.



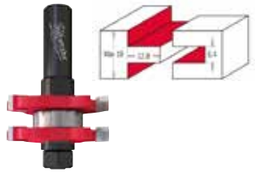


Description	Shank diameter (mm)	Total length (mm)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
Router bit 1/4“ shank Slot Cut Arbor-1pc	¼˝	61	B5	S7	W6, W7, W8	1	1	**4932500980**	4058546622824
Router bit 1/2“ shank Slot Cut Arbor-1pc	½˝	67.5	B5	S7	W6, W7, W8	1	1	**4932500981**	4058546622831
Router bit 8mm shank Slot Cut Arbor-1pc	8	61	B5	S7	W6, W7, W8	1	1	**4932500982**	4058546622848
Router bit 12mm shank Slot Cut Arbor-1pc	12	67.5	B5	S7	W6, W7, W8	1	1	**4932500983**	4058546622855

Description	Shank diameter (mm)	Diameter (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Slot Cutter 1,5mm	8	47.6	1.5	1	1	**4932500984**	4058546622862
Slot Cutter 2mm	8	47.6	2	1	1	**4932500985**	4058546622879
Slot Cutter 2,5mm	8	47.6	2.5	1	1	**4932500986**	4058546622886
Slot Cutter 3mm	8	47.6	3	1	1	**4932500987**	4058546622893
Slot Cutter 3,2mm	8	47.6	3.2	1	1	**4932500988**	4058546622909
Slot Cutter 3,5mm	8	47.6	3.5	1	1	**4932500989**	4058546622916
Slot Cutter 4mm	8	47.6	4	1	1	**4932500990**	4058546622923
Slot Cutter 5mm	8	47.6	5	1	1	**4932500991**	4058546622930
Slot Cutter 6mm	8	47.6	6	1	1	**4932500992**	4058546622947
Slot Cutter 6,4mm	8	47.6	6.4	1	1	**4932500993**	4058546622954

Tongue & Groove Cutter

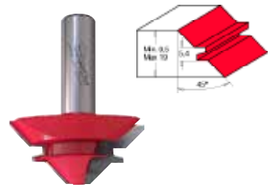
One piece design cutter for producing tongue and groove joints.
Makes tongue and groove cuts in wood up to 19mm thickness.
Maximum cutting depth 12.8mm.
Replacement slot cutter 6,4mm ref. 4932500993.
Ref 4932501177 is only the replacement shank



Description	Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting width (mm)	Bearing type	Collar type	Screws / Nuts type	Pack quantity	Min. order quantity	Article Number	EAN Code
Router bit 1/2" shankTongue & Groove Cutter 47,6/19mm	½"	47.6	71	19	19	B5	C6	S7	1	1	**4932501176**	4058546638924
Router bit 1/2" shank Tongue and Groove Arbor	½"	Shank only	-	-	-	-	C6	-	1	1	**4932501177**	4058546638931

Mitre lock bits

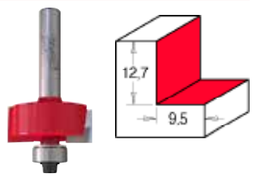
This carbide 2 flute bit is used to make strong right angle glue joints as well as parallel joints in boxes and frame production.
Maximum 19mm material thickness.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting Angle (°)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
½"	50.8	60.3	21	45°	9.5 / 19	1	1	**4932500994**	4058546622961
12	50.8	60.3	21	45°	9.5 / 19	1	1	**4932500995**	4058546622978

Rebate / mortising bits

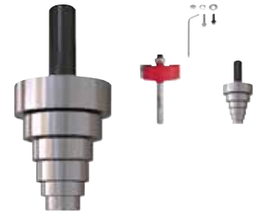
Carbide 2 flute rebate bit with bottom bearing for self-guiding, suitable for rebating straight and curved workpieces.
Ideal for producing rebates and small tenons.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Cutting width (mm)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼"	31.7	58.4	12.7	9.5	B10	S5	W2	1	1	**4932500996**	4058546622985
½"	31.7	61.2	12.7	9.5	B10	S5	W2	1	1	**4932501208**	4058546639242
8	31.7	58.4	12.7	9.5	B10	S5	W2	1	1	**4932500997**	4058546622992
12	31.7	61.2	12.7	9.5	B10	S5	W2	1	1	**4932501209**	4058546639259

Rebate / mortising bits - vario

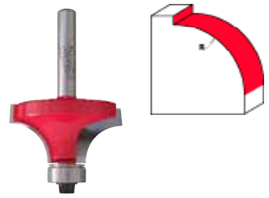
Carbide 2 flute rebate bit with bottom bearing for self-guiding, suitable for rebating straight and curved workpieces.
Ideal for producing rebates and small tenons.
The bearings can be interchanged to produce different depths of rebate.
Set includes rebating cutter, 6 bearings (diameter: 12,7/15,88/19,05/22/28,5/34,9), shield and fastening screw. Replacement bearing set ref. 4932501000.
When assembling ensure the black bearing washer is the right side up to correspond with the bearing rotation. Improper assembly can cause the screw to become loose.



Shank diameter (mm)	Diameter (mm)	Working length (mm)	Cutting width (mm)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼"	34.9	12.7	0 - 12.7	B8	S5	W1	1	1	**4932500998**	4058546623005
8	34.9	12.7	0 - 12.7	B8	S5	W1	1	1	**4932500999**	4058546623012
6pcs Bearing set							6	1	**4932501000**	4058546623029

Roundover Ovolo bits

Carbide 2 fluted ovolo cutters are used to round over edges of materials to avoid sharp edges or to add a decorative touch to the workpiece.
Bearing guided so no need for a side fence.
If the router bit is lowered a top step can be produced.
After resharpening replace the bearing as follows. Bearing B10 Ø 12,7mm 4932501064 with bearing B12 Ø 12,5mm 4932501066.
Safety tip : ensure to keep the black bearing washer right side up to correspond with the bearing rotation when reassembling the bearing. Improper reassembly can cause the bit to unscrew.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Radius (mm)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼"	15.9	54	12.7	1.6	B10	S5	W1	1	1	**4932501013**	4058546623159
¼"	19.1	54	12.7	3.2	B10	S5	W2	1	1	**4932501014**	4058546623166
¼"	22.2	54	12.7	4.75	B10	S5	W2	1	1	**4932501015**	4058546623173
¼"	25.4	54	12.7	6.35	B10	S5	W2	1	1	**4932501016**	4058546623180
¼"	28.6	54	12.7	8	B10	S5	W2	1	1	**4932501017**	4058546623197
¼"	31.7	57.3	16	9.5	B10	S5	W2	1	1	**4932501018**	4058546623203
¼"	38.1	61	19	12.7	B10	S5	W2	1	1	**4932501019**	4058546623210
½"	31.7	63.7	16	9.5	B10	S5	W2	1	1	**4932501212**	4058546639280
½"	44.5	70	22	16	B10	S5	W2	1	1	**4932501020**	4058546623227
½"	50.8	73	25.4	19	B10	S5	W2	1	1	**4932501021**	4058546623234
8	15.9	54	12.7	1.6	B10	S5	W1	1	1	**4932501022**	4058546623241
8	16.7	54.4	12.7	2	B10	S5	W1	1	1	**4932501023**	4058546623258
8	18.7	52.5	12.7	3	B10	S5	W1	1	1	**4932501024**	4058546623265
8	19.1	54	12.7	3.2	B10	S5	W2	1	1	**4932501025**	4058546623272
8	22.2	54	12.7	4.75	B10	S5	W2	1	1	**4932501026**	4058546623289
8	25.4	54	12.7	6.35	B10	S5	W2	1	1	**4932501027**	4058546623296
8	28.6	54	12.7	8	B10	S5	W2	1	1	**4932501028**	4058546623302
8	31.7	57.3	16	9.5	B10	S5	W2	1	1	**4932501029**	4058546623319
8	38.1	61	19	12.7	B10	S5	W2	1	1	**4932501030**	4058546623326
8	44.5	63.5	22	16	B10	S5	W2	1	1	**4932501031**	4058546623333
12	31.7	63.7	16	9.5	B10	S5	W2	1	1	**4932501213**	4058546639297
12	50.8	73	25.4	19	B10	S5	W2	1	1	**4932501032**	4058546623340

Hinge boring bits

4 carbide cutting edges with center point for accurate positioning.
Right hand rotation.
Application: recessing for circular hinges.
Suitable for soft/hard woods, MDF and laminated boards.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
½"	35	60	1	1	**4932501040**	4058546623425
8	15	60	1	1	**4932501041**	4058546623432
8	20	60	1	1	**4932501042**	4058546623449
8	25	60	1	1	**4932501043**	4058546623456
8	30	60	1	1	**4932501044**	4058546623463
8	35	60	1	1	**4932501045**	4058546623470
8	40	60	1	1	**4932501046**	4058546623487
12	35	60	1	1	**4932501047**	4058546623494

Sets

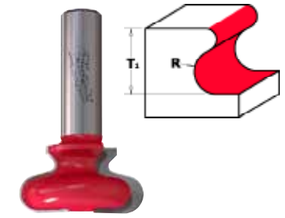
Cobalt infused micro grain tunsten carbide for best durability and lifetime, thicker carbide so suitable for multiple resharpennings.
Carbide is brazed onto the body using a triple layer process (silver-copper-silver) to give the strongest bond.
Multi axis CNC grinding process produces a ultra sharp cutting edge geometry for best edge retention - Stays Sharper Longer.
Anti-friction coating reduces binding, friction and heat build up for cooler cuts; it also protects the bit against corrossion and accumulation of resin.
Anti-Kickback Shoulder controls depth of cut and minimises kickback.



Description	Shank diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Router bit 1/4" shank two flute 5 pcs. straight bit set (4/6,35/8/10/12,7mm) Set contains the following router bit references: 4932500853, 4932500857, 4932500859, 4932500862, 4932500864	¼"	5	1	**4932501049**	4058546623517
Router bit 1/4" shank two flute 7 pcs. mixed bit set Set contains the following router bit references: 4932500924, 4932500938, 4932500965, 4932501003, 4932500996, 4932501033, 4932501018	¼"	7	1	**4932501048**	4058546623500
Router bit 1/2" shank two flute 7 pcs mixed bit set Set contains the following router bit references: 4932500870, 4932500873, 4932500926, 4932500966, 4932501210, 4932501208, 4932501212	½"	7	1	**4932501051**	4058546623531
Router bit 8mm shank two flute 7pcs. mixed bit set Set contains the following router bit references: 4932500892, 4932500930, 4932500854, 4932500968, 4932500997, 4932501005, 4932501027	8	7	1	**4932501052**	4058546623548
Router bit 8mm shank two flute 5 pcs. straight bit set (4/6/8/10/12mm) Set contains the following router bit references: 4932500877, 4932500879, 4932500882, 4932500884, 4932500886	8	5	1	**4932501053**	4058546623555
Router bit 12mm shank two flute 7 pcs. mixed bit set Set contains the following router bit references: 4932500902, 4932500903, 4932500932, 4932500975, 4932501209, 4932501211, 4932501213	12	7	1	**4932501054**	4058546623562

Finger pull bits

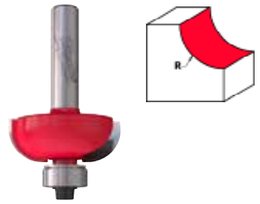
Carbide 2 flute bit to add finger pulls to wood door/cabinet door fronts instead of attaching a knob.
Recommended to be used at a reduced speed and only with a router table.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Radius (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
½"	19.05 / 9.5	57.2	19.05	4.76 / 2.4	1	1	**4932501009**	4058546623111
½"	38.1 / 17	61.8	20.7	6 / 1.8	1	1	**4932501010**	4058546623128
8	19.05 / 9.5	57.2	19.05	4.76 / 2.4	1	1	**4932501011**	4058546623135
8	38.1 / 17	55.5	20.7	6 / 1.8	1	1	**4932501012**	4058546623142

Cove bits

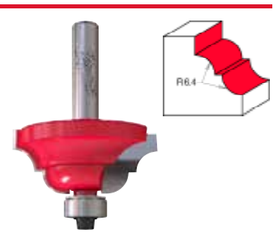
2 carbide edges ensure a clean concave rounded profile.
Bearing guided so no need for a side fence.



Shank diameter (mm)	Diameter (mm)	Total length (mm)	Working length (mm)	Radius (mm)	Bearing type	Screws / Nuts type	Washers / Spacers type	Pack quantity	Min. order quantity	Article Number	EAN Code
¼"	31.7	54.2	12.7	9.5	B10	S5	W2	1	1	**4932501033**	4058546623357
¼"	38.1	57.7	15.5	12.7	B10	S5	W2	1	1	**4932501034**	4058546623364
8	31.7	54.2	12.7	9.5	B10	S5	W2	1	1	**4932501035**	4058546623371
8	38.1	57.7	15.5	12.7	B10	S5	W2	1	1	**4932501036**	4058546623388

Roman Ogee / beading bits

2 carbide edges ensure a clean S shaped profile.
Bearing guided so no need for a side fence.
For best results multiple passes are recommended.
Ref 4932501038 and 4932501039 has a extra step for more decorative possibilities.



Shank diameter (mm)	Diameter (mm)	Radius (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
8	34	4.8 / 3.6	1	1	**4932501039**	4058546623418
8	38.1	6.4 / 4	1	1	**4932501037**	4058546623395
8	42.8	6.4 / 4	1	1	**4932501038**	4058546623401

Replacement bearings

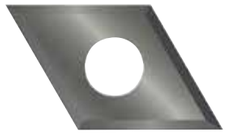
MILWAUKEE® replacement ball bearings are designed to spin at high RPM and are double shielded for best performance. Use original MILWAUKEE® bearings to replace worn out bearings on router bits.



Bearing type	Diameter (mm)	Bore size (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
B1	12.7	6.35	4.8	1	1	**4932501055**	4058546623579
B2	15.88	6.35	5	1	1	**4932501056**	4058546623586
B3	16	8	5	1	1	**4932501057**	4058546623593
B4	19	12.7	4	1	1	**4932501058**	4058546623609
B5	22	8	7	1	1	**4932501059**	4058546623616
B6	19	6	6	1	1	**4932501060**	4058546623623
B7	19	8	6	1	1	**4932501061**	4058546623630
B8	9.5	4.76	3.2	1	1	**4932501062**	4058546623647
B9	9.3	4.76	3.2	1	1	**4932501063**	4058546623654
B10	12.7	4.76	5	1	1	**4932501064**	4058546623661
B11	19	6.35	7	1	1	**4932501065**	4058546623678
B12	12.7	4.76	5	1	1	**4932501066**	4058546623685
B13	13	5	4	1	1	**4932501068**	4058546623708
B14	6.35	3.17	2.8	1	1	**4932501178**	4058546638948
B15	15.88	4.76	5	1	1	**4932501067**	4058546623692

Carbide knives

Hardness (HV10) 1.920. Transverse rupture strength 2,600 N/mm^2.
High cutting efficiency for long lifetime.
Excellent resistance to corrosion and mechanical wear.
The knives need to be first pressed into the seating position and then they can be tightened to the specified torque.Thread M2.5=1Nm, M3=1.2Nm, M3.5=1.8Nm, M4=2.7Nm, M5=5.3Nm



Knives type	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
K1	28 x 12	10	1	**4932501069**	4058546623715
K2	48.3 x 12	10	1	**4932501070**	4058546623722
K3	30 x 15	10	1	**4932501071**	4058546623739
K4	50 x 12	10	1	**4932501072**	4058546623746
K5	14 x 14	10	1	**4932501073**	4058546623753
K6	12 x 12	10	1	**4932501074**	4058546623760

Spare parts: screws/nuts

Replacement spare parts for router bits (screws/nuts/stop collars/spacers/bushes).
Reduction bushes fit to the collet to allow the insertion of smaller shank router bits.



Description	Washers / Spacers type	Screws / Nuts type	Collar type	Pack quantity	Min. order quantity	Article Number	EAN Code
Router bit screw S1 TX M4x6-1pc		S1		1	1	**4932501075**	4058546623777
Router bit screw S2 TX M3x6-1pc		S2		1	1	**4932501076**	4058546623784
Router bit screw S3 M4x6-1pc		S3		1	1	**4932501077**	4058546623791
Router bit screw S4 TX M5x5x5-1pc		S4		1	1	**4932501078**	4058546623807
Router bit screw S5 1/8x3/8-1pc		S5		1	1	**4932501079**	4058546623814
Router bit screw S6 M3x6-1pc		S6		1	1	**4932501080**	4058546623821
Router bit nut S7 M8-1pc		S7		1	1	**4932501081**	4058546623838
Router bit screw 8mm shank-1pc		S8		1	1	**4932501179**	4058546638955
Router bit stop collar C1 1/4“-1pc			C1	1	1	**4932501085**	4058546623876
Router bit stop collar C2 8mm-1pc			C2	1	1	**4932501086**	4058546623883
Router bit stop collar C3 12mm-1pc			C3	1	1	**4932501087**	4058546623890
Router bit stop collar C4 1/2“-1pc			C4	1	1	**4932501088**	4058546623906
Router bit collar/spacer C5 E 9x3,25x1,6mm-1pc			C5	1	1	**4932501089**	4058546623913
Router bit stop collar C6 6,1x3,17-1pc			C6	1	1	**4932501180**	4058546638962
Router bit washer W1 3/8“-1pc	W1			1	1	**4932501090**	4058546623920
Router bit washer W2 1/2“-1pc	W2			1	1	**4932501091**	4058546623937
Router bit washer W3 19 x 1/4“-1pc	W3			1	1	**4932501092**	4058546623944
Router bit washer W4 M4-1pc	W4			1	1	**4932501093**	4058546623951
Router bit washer W5 M3-1pc	W5			1	1	**4932501094**	4058546623968
Router bit spacer W6-1pc	W6			1	1	**4932501082**	4058546623845
Router bit spacer W7-1pc	W7			1	1	**4932501083**	4058546623852
Router bit spacer W8-1pc	W8			1	1	**4932501084**	4058546623869
Router bit reduction bush 8mm - 6mm-1pc				1	1	**4932501181**	4058546638979
Router bit reduction bush 8mm - 1/4“-1pc				1	1	**4932501182**	4058546638986
Router bit reduction bush 1/2 - 1/4“-1pc				1	1	**4932501183**	4058546638993
Router bit reduction bush 12mm - 8mm-1pc				1	1	**4932501184**	4058546639006

CIRCULAR SAW BLADES

CUTS COOLER. INCREASED ACCURACY. LONGER LIFE.





CUTS COOLER
ANTI-FRICTION COATING



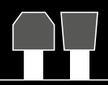


INCREASED ACCURACY
LASER CUT TECHNOLOGY

COBALT INFUSED TUNGSTEN CARBIDE TEETH
PRODUCE SHARP AND CLEAN CUTS



ALTERNATE TOOTH BEVEL



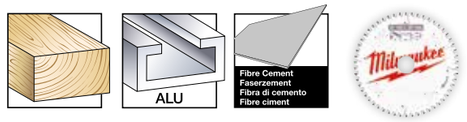
TRIPLE TOOTH CHIP AND FLAT FORM



DIAMOND FLAT TOOTH

Circular saw blades for hand held circular saws

PTFE coating: Cuts cooler, non stick for quicker cuts. Protects against corrosion and accumulation of resin.
Laser cut vibration slots: Low vibration and increased accuracy.
High grade laser cut steel: Guaranteed accuracy.
Premium cobalt infused tungsten carbide: Sharp and clean cuts.



Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Hook angle	Tooth form	Thin kerf*	All wood types*	Abrasive Particleboard, Fibrecement Board, Fiberglass	Plastics	Non ferrous metals profiles alu	Fast cut	Clean Cut	Pack quantity	Min. order quantity	Article Number	EAN Code
140	20	18	1.6	+18°	ATB	✔	✔				✔		1	1	**4932471310**	4058546289386
160	20	24	2.2	+15°	ATB		✔				✔		1	1	**4932471290**	4058546289188
		48	2.2	+5°	ATB		✔					✔	1	1	**4932471291**	4058546289195
		52	2.2	-5°	TF				✔	✔		✔	1	1	**4932471292**	4058546289201
		4	1.8	+10°	D			✔			✔		1	1	**4932471293**	4058546289218
165	5/8“	24	1.6	+15°	ATB	✔	✔				✔		1	1	**4932471311**	4058546289393
		40	1.6	+18°	ATB	✔	✔					✔	1	1	**4932471312**	4058546289409
		4	2.2	10°	D			✔			✔	✔	1	1	**4932493217**	4058546480882
165	20	24	1.6	+15°	ATB	✔	✔				✔		1	1	**4932471931**	4058546298302
		40	1.6	+18°	ATB	✔	✔					✔	1	1	**4932471932**	4058546298319
		52	1.6	+2°	ATB	✔			✔	✔		✔	1	1	**4932479087**	4058546368814
		24	2.2	+15°	ATB		✔				✔		1	1	**4932471294**	4058546289225
		48	2.2	+5°	ATB		✔					✔	1	1	**4932471295**	4058546289232
		52	2.2	-5°	TF				✔	✔		✔	1	1	**4932471296**	4058546289249
165	30	24	1.8	+15°	ATB	✔	✔				✔		1	1	**4932399909****	4002395365647
184	5/8“	24	1.6	+15°	ATB	✔	✔				✔		1	1	**4932471378**	4058546290061
		40	2.1	+15°	ATB	✔	✔					✔	1	1	**4932471379**	4058546290078
184	30	24	1.6	+15°	ATB	✔	✔				✔		1	1	**4932471297**	4058546289256
		40	2.1	+10°	ATB	✔	✔					✔	1	1	**4932471298**	4058546289263
		54	2.4	-5°	TF				✔	✔		✔	1	1	**4932471299**	4058546289270
190	30	24	1.6	+15°	ATB	✔	✔				✔		1	1	**4932471300**	4058546289287
		24 **	1.8	+12°	ATB	✔	✔				✔		1	1	**4932498976**	4058546528454
		36	1.6	+15°	ATB	✔	✔				✔		1	1	**4932471301**	4058546289294
		48	2.1	+10°	ATB	✔	✔					✔	1	1	**4932471380**	4058546290085
		54	2.4	-5°	TF				✔	✔		✔	1	1	**4932471303**	4058546289317
		4	1.8	+10°	D			✔			✔		1	1	**4932471304**	4058546289324
210	30	16	2.4	+15°	ATB	✔	✔				✔		1	1	**4932471324**	4058546289522
		48	2.8	+10°	ATB	✔	✔					✔	1	1	**4932471325**	4058546289539
235	30	24	2.4	+15°	ATB		✔				✔		1	1	**4932471305**	4058546289331
		36	2.4	+15°	ATB		✔				✔		1	1	**4932471306**	4058546289348
		48	2.4	+10°	ATB		✔					✔	1	1	**4932471307**	4058546289355
		60	2.4	+10°	ATB		✔					✔	1	1	**4932471308**	4058546289362
		60	2.4	-5°	TF				✔	✔		✔	1	1	**4932471309**	4058546289379

Circular Saw Blade Twin Packs

165 x 5/8˝ Twin pack set (2pc) 2 x 165x5/8“x24 tooth, fast cut wood blade (4932471311)	2	1	**4932479836**	4058546376307
165 x 5/8˝ Twin pack set (2pc) 1 x 165x5/8“x24 tooth, fast cut wood blade (4932471311) + 1 x 165x5/8“x40 tooth, clean cut wood blade (4932471312)	2	1	**4932479837**	4058546376314
165 x 20 mm Twin pack set (2pc) 2 x 165x20x40 tooth, fast and clean cut wood blade (4932471932)	2	1	**4932492433**	4058546418007
190 x 30 mm Twin pack set (2pc) 1 x 190x30x24 tooth, fast cut wood blade (4932471300) + 1 x 190x30x48 tooth, clean cut wood blade (4932471380)	2	1	**4932479574**	4058546373689
190 x 30 mm Twin pack set (2pc) 2 x 190x30x24 tooth, fast cut wood blade (4932471300)	2	1	**4932479804**	4058546375980

Circular saw blades for mitre saws

PTFE coating: Cuts cooler, non stick for quicker cuts. Protects against corrosion and accumulation of resin.
Laser cut vibration slots: Low vibration and increased accuracy. Slots are filled with polyurethane and act as shock absorbers by isolating the teeth from vibration.
High grade laser cut steel: Guaranteed accuracy.
Premium cobalt infused tungsten carbide: Sharp and clean cuts.



Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Hook angle	Tooth form	All wood types*	Plastics	Non ferrous metals profiles alu	Fast cut	Clean Cut	Pack quantity	Min. order quantity	Article Number	EAN Code
190	30	40	2.4	-5°	ATB	✔			✔		1	1	**4932471314**	4058546289423
		54	2.4	-5°	TF		✔	✔		✔	1	1	**4932471303**	4058546289317
216	30	24	2.4	-5°	ATB	✔			✔		1	1	**4932471315**	4058546289430
		48	2.4	-5°	ATB	✔			✔		1	1	**4932471316**	4058546289447
		60	2.4	-5°	ATB	✔				✔	1	1	**4932471317**	4058546289454
		80	2.4	-5°	TF		✔	✔		✔	1	1	**4932471319**	4058546289478
250	30	40	2.8	+15°	ATB	✔			✔		1	1	**4932472015**	4058546324117
		60	2.8	+15°	ATB	✔				✔	1	1	**4932472016**	4058546324124
254	30	60	3.0	-5°	ATB	✔			✔		1	1	**4932471320**	4058546289485
		80	3.0	-5°	TF		✔	✔		✔	1	1	**4932471318**	4058546289461
305	30	60	3.0	-5°	ATB	✔			✔		1	1	**4932471321**	4058546289492
		100	3.0	-5°	ATB	✔				✔	1	1	**4932471322**	4058546289508
		96	3.0	-5°	TF		✔	✔		✔	1	1	**4932471323**	4058546289515
Circular Saw Blade Twin Packs														
216 x 30 mm Twin pack set (2pc)														
1 x 216x30x48 tooth, fast cut wood blade (4932471316) + 1 x 216x30x60 tooth, clean cut wood blade (4932471317)											2	1	**4932479575**	4058546373696
254 x 30 mm Twin pack set (2pc)														
1 x 254x30x60 tooth, fast cut wood blade (4932471320) + 1 x 254x30x80 tooth, clean cut aluminium blade (4932471318)											2	1	**4932479576**	4058546373702

Thin Kerf: Cordless optimised, extra thin cutting width for maximum runtime
All wood types: Soft/ hardwood, plywood, laminated chipboard, melamine, MDF

Circular saw blades for table saws

PTFE coating: Cuts cooler, non stick for quicker cuts. Protects against corrosion and accumulation of resin.
Laser cut vibration slots: Low vibration and increased accuracy. Slots are filled with polyurethane and act as shock absorbers by isolating the teeth from vibration.
High grade laser cut steel: Guaranteed accuracy.
Premium cobalt infused tungsten carbide: Sharp and clean cuts.
**Standard blades without PTFE coating and vibration slots



Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Hook angle	Tooth form	Thin kerf*	All wood types*	Abrasive Particle-board, Fibre-cement Board, Fiber-glass*	Plastics	Non ferrous metals profiles alu	Fast cut	Clean Cut	Pack quantity	Min. order quantity	Article Number	EAN Code
210	30	24	1.9	+25°	ATB	✔	✔				✔		1	1	**4932478095**	4058546340285

Thin Kerf: Cordless optimised, extra thin cutting width for maximum runtime
All wood types: Soft/ hardwood, plywood, laminated chipboard, melamine, MDF

NITRUS circular saw demolition blades

These blades are specifically designed for tough jobsite applications such as cutting wood with nails and fastners
Nitrus welded tooth technology ensures a stronger bonding joint and sharper tooth for best lifetime
Diamond cut out cooling slots ensure the blade keeps cool for less distortion, straighter cuts and longest life



Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Hook angle	Tooth form	Fast cut	Pack quantity	Min. order quantity	Article Number	EAN Code
190	30	24	1.6	+18°	ATB	✔	1	1	**4932499376**	4058546565404

Circular saw blades for rebar cutter



Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
137	28	30	1.6	1	1	**4932499702**	4058546568665

Circular saw blades for metal

NEW

1. Engineered tooth geometry for optimum performance.
2. Top grade carbide and cermet tooth tips for superior lifetime.
3. Fully hardened and tensioned blade body for accurate cuts.
4. Deep gullets provide rapid and efficient chip removal.
5. Laser cut resin filled expansion slots for noise and vibration dampening.



- Cuts clean. Burr free edges reduce extra finishing processes.
- Cuts cool. The cut material can be handled immediately after cutting.
- Cuts fast. Quicker than all other conventional cutting methods.
- Cost cutter. Less expensive per cut than abrasive discs.
- Reduced noise.
- Reduced vibration.
- Total safety: no sparks, no coolants, cool to touch.

Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Material wall thickness (mm)	Mild steel	Sheet steel up to 2.5mm	Corrugated steel panels up to 2.5mm	Steel pipe	Stainless steel sheets	Cast iron	Copper	Aluminium	Rebar	Sandwich material (steel, foam, panels)	Pack quantity	Min. order quantity	Article Number	EAN Code
135	20	30	1.6	1-2.5	✔	✔	✔	✔	♦	✘	✘	✘	✘	✔	1	1	**48404070**	045242233786
		50	1.6	1-2.5	✘	✘	✘	✘	✘	✘	✔	✔	✘	♦	1	1	**48404075**	045242233793
150	20	34	1.6	>2.5	✔	✔	✔	✔	♦	✘	✘	✔	✘	✔	1	1	**4932501140**	4058546624422
165	15.87	48	1.6	1-2.5	✔	✔	✔	✔	✘	✘	✘	✘	✘	✔	1	1	**48404220**	045242569069
174	20	36	1.6	1-2.5	✔	✔	✔	✔	✘	✘	✘	✘	✘	✘	1	1	**48404225**	045242569052
203	5/8"	42	1.8	>2.5	✔	✘	✘	✔	✘	✘	✘	✘	✘	✘	1	1	**4932501141**	4058546624439
		50	1.8	1-2.5	✔	✔	✔	✔	♦	✘	✘	✘	✘	✔	1	1	**4932501142**	4058546624446
		58	2.4	>2.5	✘	✘	✘	✘	✘	✘	✔	✔	✘	♦	1	1	**4932501194**	4058546639105

✔ Most suitable. Recommended for these materials.
♦ Suitable. Recommended for intermittent use in these materials.
Very good cutting characteristics, but greatly reduced lifetime of the blade.
✖ Not suitable. Not recommended for these materials.

Optimising Blade Life

1. Clamp the workpiece securely to avoid vibration.
2. Do NOT stack or bundle cutting material. The gaps between layers allow for more opportunities to chip the teeth.
   The life of the blade is severely affected by this type of cutting.
3. Lower the blade to its maximum cutting capacity and allow the tool to come to full speed before applying the blade to the material.
4. Do NOT force the saw blade into the material. Start gently, then gradually apply enough pressure to avoid sparks.
5. Optimal cutting speed and pressure will produce little or no sparks. Sparking creates heat build up which shortens saw blade life.
6. Keep the cut straight. If following a cut line and you wander off the line, getting back on line may cause side loading of the blade
   and break teeth. Use a edge guide whenever possible.
7. Do NOT apply side pressure on the blade as this will cause chipping of the teeth.
8. Periodically allow the tool to run free of the cutting material to cool the blade and tool especially when making long cuts or cuts in thick material.



Bandsaw blades

Choosing the right tooth geometry

8/10 Tpi Tooth pitch 2.3/1.8 mm	10 Tpi Tooth pitch 2.5 mm	12/14 Tpi Tooth pitch 1.8/1.4 mm	14 Tpi Tooth pitch 1.8 mm	18 Tpi Tooth pitch 1.4 mm	25 Tpi Tooth pitch 1 mm
FOR CUTTING STOCK 5 to 13 mm	FOR CUTTING STOCK 8 to 13 mm	FOR CUTTING STOCK 4 to 8 mm	FOR CUTTING STOCK 5 to 8 mm	FOR CUTTING STOCK 4 to 5 mm	FOR CUTTING STOCK < 4 mm



Premium Bi-Metal bandsaw blades

Multi pitch Bi-Metal blades with matrix II high speed steel teeth with 8% cobalt outlast conventional blades up to 3 times, requiring fewer blade changes.
Precision formed teeth create fast, clean cuts.
Optimised for cordless bandsaws: More cuts per charge.
Suitable for cutting: Angle iron, galvanised pipe and even tougher steels such as cast iron and stainless steel.



Premium bandsaw blade 1139.83 x 12.7 x 0.51 mm (Corded & M18 Deep Cut)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
5 - 13	3.1 / 2.5	8 / 10	3	1	**48390601**	045242530298
			25	1	**48390605**	045242539697
4 - 8	2.1 / 1.8	12 / 14	3	1	**48390611**	045242530328
			25	1	**48390615**	045242539703



Premium bandsaw blade 898.52 x 12.7 x 0.51 mm (M18 Compact)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
5 - 13	3.1 / 2.5	8 / 10	3	1	**48390609**	045242536412
			25	1	**48390606**	045242537754
4 - 8	2.1 / 1.8	12 / 14	3	1	**48390619**	045242536429
			25	1	**48390616**	045242537761



Premium Bi-Metal bandsaw blades

Premium bandsaw blade 685.80 x 12.7 x 0.51 mm (M12 Sub Compact)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
4 - 8	2.1 / 1.8	12 / 14	3	1	**48390711**	045242536436



Premium bandsaw blade 776.29 x 12.7 x 0.51 mm (M12 Sub Compact)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
4-8	2.1/1.8	12/14	3	1	**48390631**	045242605125
			25	1	**48390636**	045242605132
5-13	3.1/2.5	8/10	3	1	**48390630**	045242605156
			25	1	**48390635**	045242605163

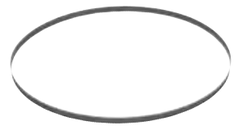


Bi-Metal bandsaw blades

Suitable for cutting: Angle iron, galvanised pipe and even thougher steels such as cast iron and stainless steel.

Bandsaw blade 1139.83 x 12.7 x 0.51 mm (Corded & M18 FUEL™)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
≥ 8	2.5	10	3	1	**48390501**	045242132096
5 - 8	1.8	14	3	1	**48390511**	045242132164
4 - 5	1.4	18	3	1	**48390521**	045242132263
≤ 4	1.0	25	3	1	**48390531**	045242132362



Bandsaw blade 898.52 x 12.7 x 0.51 mm (M18)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
5 - 8	1.8	14	3	1	**48390519**	045242201594
4 - 5	1.4	18	3	1	**48390529**	045242201747
≤ 4	1.0	25	3	1	**48390539**	045242201815



Bandsaw blade 685.80 x 12.7 x 0.51 mm (M12)

Material wall thickness (mm)	Tooth pitch (mm)	Teeth per inch	Pack quantity	Min. order quantity	Article Number	EAN Code
2.5 - 8	1.4	18	3	1	**48390572**	045242272341





Milwaukee Nothing but HEAVY DUTY.™

DIAMOND BLADES
3 PERFORMANCE LEVELS



PREMIUM SPEEDCROSS X

Best-in class diamond blade.

1 Product line, suitable for all kind of hard building materials.

Precise positioned and arranged diamond technology for consistently high cutting performance, superior cutting speed and longest life.



SPEEDCROSS

Premium diamond blades. Outstanding performance.

Distinct product lines to cover all applications and trades.

Selection of premium diamonds, bond, combined with state-of-the-art production processes, e.g., laser welded segments for maximum reliability.



CONTRACTOR

Diamond blades with excellent price to performance ratio.

Different product lines including versatile and multi-purpose blades to cover most professional user applications.

Segments made of high-grade diamonds, laser welded, or sintered directly to the steel body.

Milwaukee

milwaukeetool.eu

APPLICATION GUIDE

PERFORMANCE

MATERIAL	CONTRACTOR	SPEEDCROSS	PREMIUM SPEEDCROSS
STONE Natural Stone Granite Porphyry			
CONCRETE Reinforced **HARD MATERIALS** + Aggregated + Brick / Clinker (hard) + Roof tiles (hard) + Paving blocks etc. **CONCRETE** Medium strength	SUDD DUT DUH DU	SUDD HUDD	XHUDD
ABRASIVE Soft Concrete / Green concrete Brick / Clinker (soft) Screed, Lime sandstone		AUDD ADD	
ASPHALT			
CERAMICS Tiles	DHTS DHTi	DHTi	
STEEL Iron Stainless steel Non-ferrous metals		STEELHEAD	

Premium Speedcross XHUDD

Best-in-class diamond blade.
Suitable for all kinds of hard building materials.
Consistently high cutting performance due to precise positioned and arranged diamonds.
Up to 15 mm segment height for longest life.
Laser welded short V-grooved tooth segments for extremely aggressive cutting and superior cutting speed and improved dust extraction.
Suitable for cutting: Hard building materials, granite, reinforced concrete, aggregate concrete, hard brick/clinker, roof tiles, block paving, porphyry, ...





Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
XHUDD 115	115	22.23	12	2.6	1	1	**4932492147**	4058546415143
XHUDD 125	125	22.23	12	2.6	1	1	**4932492148**	4058546415150
XHUDD 150	150	22.23	12	2.6	1	1	**4932492149**	4058546415167
XHUDD 230	230	22.23	15	2.6	1	1	**4932492150**	4058546415174
XHUDD 350	350	25.4	14	2.6	1	1	**4932492151**	4058546415181

Speedcross SUDD

Significantly reduced noise level due to Silent Technology.
Universal application in all hard building materials.
15 mm segment height for longest life.
Segments with distinct pattern to reduce friction, heat build up, and for faster cutting.
Laser welded segments for maximum reliability.
Suitable for cutting: Hard building materials, granite, reinforced concrete, aggregate concrete, hard/medium brick/clinker, block paving, roof tiles, …





Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
SUDD 230	230	22.23	15	3.4	1	1	**4932492152**	4058546415198
SUDD 350	350	25.4	15	3.4	1	1	**4932492153**	4058546415204

Speedcross HUDD

Universal application in all hard to medium hard general building materials.
10 mm segment height with premium diamond-grade for longest life, laser welded for maximum reliability.
Steel core with special cooling hole pattern to reduce heat and minimise friction.
Suitable for cutting: Hard building materials, granite, reinforced concrete, aggregate concrete, hard/medium brick/clinker, block paving, roof tiles, …





Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
HUDD 115	115	22.23	10	2.6	1	1	**4932399819**	4002395364749
HUDD 125	125	22.23	10	2.6	1	1	**4932399820**	4002395364756
HUDD 150	150	22.23	10	2.6	1	1	**4932399821**	4002395364763
HUDD 230	230	22.23	10	2.6	1	1	**4932399822**	4002395364770
HUDD 300	300	25.4	10	2.6	1	1	**4932493298**	4058546481698
HUDD 350	350	25.4	8	2.6	1	1	**4932471985**	4058546298845

Speedcross AUDD

Universal application in all soft / abrasive to medium hard general building materials.
10 mm segment height with premium diamond-grade for longest life, laser welded for maximum reliability.
Steel core with special cooling hole pattern to reduce heat and minimize friction.
Suitable for cutting: Asphalt, soft clinker, green concrete, soft brick, screed, lime sandstone, …







*For Speedcross AUDD 350mm only

Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
AUDD 115	115	22.23	10	2.6	1	1	**4932399823**	4002395364787
AUDD 125	125	22.23	10	2.6	1	1	**4932399824**	4002395364794
AUDD 150	150	22.23	10	2.6	1	1	**4932399825**	4002395364800
AUDD 230	230	22.23	10	2.6	1	1	**4932399826**	4002395364817
AUDD 350*	350	25.4	10	2.6	1	1	**4932471987**	4002396298869
AUDD 450	450	25.4	10	2.6	1	1	**4932492145**	4058546415129

Speedcross STEELHEAD™

STEELHEAD™is a specialist blade most suitable for steel, stainless steel and nonferrous metals.
Extremely fast and aggressive cutting performance due to high density of vacuum brazed diamond coating.
Consistent cutting depth, no risk of disc breakage and highest productivity vs. standard non-diamond cutting discs.
Due to the versatility and the outstanding performance the diamond disc is also perfect for fire brigades and for rescue operations.





Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
STEELHEAD™115	115	22.23	2	1.5	1	1	**4932492014**	4058546413811
STEELHEAD™ 125	125	22.23	2	1.5	1	1	**4932492015**	4058546413828
STEELHEAD™ 230	230	22.23	2	1.8	1	1	**4932492016**	4058546413835
STEELHEAD™ 350	350	25.4	4	2.8	1	1	**4932471988**	4058546298876

Speedcross DHTi

Premium turbo rimmed blade for hardest tiles (ceramics, gres, porcelain) up to 20 mm thickness.
Extra fast, clean and precise cutting performance due to continuous turbo rimmed diamond segment. Reduced dust development.
10 mm segment height, high-grade diamonds and premium bond for longest life.



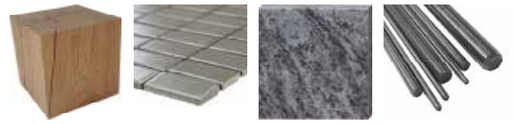


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHTi 115	115	22.23	10	2.3	1	1	**4932492154**	4058546415211
DHTi 125	125	22.23	10	2.3	1	1	**4932492155**	4058546415228
DHTi 230	230	22.23	10	2.3	1	1	**4932492156**	4058546415235

Speedcross DHMM

A brazed diamond disc designed for a wide range of applications.
Outstanding cutting performance due to extremely high diamond concentration.
Suitable for a vast variety of material like PVC, granite, tiles, hard artificial stone, composite material, drywall, thin wood, threaded rods and sheet metal.



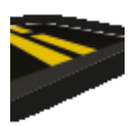


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHMM 76	76	10	2.2	1.2	1	1	**4932471333**	4058546289614

Speedcross ADD

Asphalt application dedicated diamond disc. Also suitable for green concrete and other highly abrasive materials.
Double tensioned core for maximum durability and strength.
Special angled segments to eliminate risk of segment breakage and reduce wear.
10 mm segment height with premium diamond-grade for longest life, laser welded for maximum reliability.





Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
ADD 350 mm	350	25.4	10	2.8	1	1	**4932478952**	4058546362348

Contractor SUDD

A laser welded quality blade with excellent performance and universal application in medium to hard building materials.
Significantly reduced noise level due to Silent Technology.



Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
SUDD 230 mm	230	22.23	10	3.0	1	1	**4932479463**	4058546372576
SUDD 350 mm	350	25.4	10	3.1	1	1	**4932479462**	4058546372569

Contractor DUH

A laser welded quality blade with excellent performance and universal application in medium to hard building materials.



Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DUH 115	115	22.23	10	2.2	1	1	**4932399539**	4002395361861
DUH 125	125	22.23	10	2.3	1	1	**4932399540**	4002395361878
DUH 180	180	22.23	10	2.4	1	1	**4932399541**	4002395361885
DUH 230	230	22.23	10	2.6	1	1	**4932399542**	4002395361892
DUH 300	300	25.4	10	2.8	1	1	**4932493331**	4058546482022
DUH 350	350	25.4	10	2.8	1	1	**4932471986**	4058546298852
DUH 400	400	25.4	10	3.2	1	1	**4932492146**	4058546415136

Contractor DSU

A special blade recommended for use with wall chasers.
A laser welded quality blade with excellent performance and universal application in hard and abrasive materials.
Ø 125 mm for WCE 30; Ø 150 mm for WCS 45.



Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DSU 125	125	22.23	10	2.4	1	1	**4932373147**	4002395346455
DSU 150	150	22.23	10	2.4	1	1	**4932373148**	4002395346462

Contractor DU

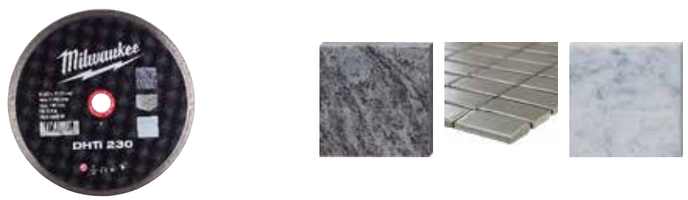
A general-purpose blade for a wide range of building materials with excellent price to performance ratio and direct sintered segments.



Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DU 115	115	22.23	10	2.2	1	1	**4932399521**	4002395361687
DU 125	125	22.23	10	2.3	1	1	**4932399522**	4002395361694
DU 180	180	22.23	10	2.4	1	1	**4932399523**	4002395361700
DU 230	230	22.23	10	2.6	1	1	**4932399524**	4002395361717
DU 300	300	25.4	10	2.3	1	1	**4932493332**	4058546482039

Contractor DHTi

Tile blade with excellent price to performance ratio. Clean cuts in all kinds of soft and hard tiles.



Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHTi 115	115	22.23	8	2.0	1	1	**4932399552**	4002395361991
DHTi 125	125	22.23	8	2.1	1	1	**4932399553**	4002395362004
DHTi 230	230	22.23	8	2.6	1	1	**4932399555**	4002395362028

Contractor DUT

A general-purpose blade for a wide range of building materials up to medium hardness, natural and artificial stone with excellent price to performance ratio.
Extra clean cuts due to closed turbo rim.



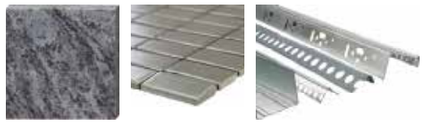


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DUT 115	115	22.23	10	2.2	1	1	**4932399526**	4002395361731
DUT 125	125	22.23	10	2.3	1	1	**4932399527**	4002395361748
DUT 180	180	22.23	10	2.4	1	1	**4932399528**	4002395361755
DUT 230	230	22.23	10	2.6	1	1	**4932399529**	4002395361762

Contractor DHTS

Turbo blade with extra thin body for very fast and precise cuts in soft and hard tiles, fine stoneware, as well as natural and artificial stones.
Extra clean cuts. Less dust development.





Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHTS 76	76	10	5	1	1	1	**4932464715**	4058546226602
DHTS 115	115	22.23	10	1.2	1	1	**4932399145**	4002395357550
DHTS 125	125	22.23	10	1.2	1	1	**4932399146**	4002395357567
DHTS 230	230	22.23	10	1.9	1	1	**4932399550**	4002395361977

Sharpening Stones

Special corundum mixture bond for sharpening diamond cutting blades and diamond core drills.
High sharpening speed without damaging the grain.



Description	Length (mm)	Width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Sharpening stone large	300	160	1	1	**4932492362**	4058546417291
Sharpening stone small	200	50	1	1	**4932492361**	4058546417284

Combi-segment diamond cup wheels

For quick grinding down of thick concrete layers, abrasive materials or special substances.
For levelling of concrete, granite and natural stone surfaces.
For edge grinding applications e.g. grinding off high edges of concrete, granite, natural stone tiles.
For roughening prior to covering with a new layer of coating.
High quality diamonds and special soft bonding for low wear, especially in hard materials.



	Type	Diameter (mm)	Bore size (mm)	No. of segments	Cup wheel height [mm]	Segment height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**SDCWU 100** Premium universal wheel for grinding and levelling applications. Highest stock removal.	100	22.23	16	21	5	1	1	**4932430080**	4002395377411
②	**SDCWU 125** Premium universal wheel for grinding and levelling applications. Highest stock removal.	125	22.23	16	21	5	1	1	**4932430081**	4002395377428
③	**SDCWA 125** Universal wheel for grinding and levelling applications. High stock removal. For abrasive materials.	125	22.23	16	21	5	1	1	**4932479093**	4058546368876
④	**Fine SDCWSF 125** Premium wheel with fine diamond pads for removal of special substances: thermoplastics and epoxy based coatings, acrylic paint, glue, tile adhesive, screed, plaster.	125	22.23	117 Diamond Pads	21	3.3	1	1	**4932479094**	4058546368883
⑤	**Coarse SDCWSC 125** PCD segment for removal of special substances: thermoplastic and expoxy based coatings, acrylic paint, glue, tile adhesive, screed, plaster	125	22.23	6	18.5	4 / 7	1	1	**4932451188**	4002395138760
⑥	**DCWU 100** Universal wheel for grinding and levelling applications. High stock removal	100	22.23	16	21	5	1	1	**4932451185**	4002395138739
⑦	**DCWU 125** Universal wheel for grinding and levelling applications. High stock removal	125	22.23	20	21	5	1	1	**4932451186**	4002395138746
⑧	**DCWUT 125** Turbo type segment for levelling, edge grinding and for smooth finishing. Fine finish for concrete and natural stone	125	22.23	Turbo	21	5	1	1	**4932451187**	4002395138753
⑨	**SDCWUG 125** Premium universal diamond grinding wheel for: hard artificial stone, porcelain tiles, ceramics, granite, marble, wood, hard plastics, steel.	125	22.23	-	13.3	-	1	1	**4932480219**	4058546405045

	SDCWU	SDCWA	Fine SDCWSF	Coarse SDCWSC	DCWU	DCWUT	SDCWUG
Acrylic paint and coatings			✔	✔			
Aerated and breeze concrete blocks	✔	✔			✔	✔	
Bitumen			✔	✔			
Concrete hard	✔	♦			✔	✔	♦
Concrete soft or green	♦	✔			♦	♦	
Epoxy resin coatings and glues							
Granite	♦				♦	♦	✔
Lime and sandstone blocks hard	✔	♦			✔	✔	
Lime and sandstone blocks soft and abrasive	♦	✔			♦	♦	
Marble	♦	♦			♦	♦	✔
Plasterboard	♦	✔			♦	♦	
Porphyry	♦	♦			♦	♦	✔
Screed	♦	✔	✔	✔		♦	
Thermoplastic protective paint, glue			✔	✔			
Tile adhesive	♦	✔			♦	♦	

✔ Most suitable.
♦ Suitable - for intermittent use.

Cutting and grinding discs

MILWAUKEE® Type – how to find the right disc

S C 41 / 115

Material	Application	Design	Diameter
S = Steel C = Stone	C = Cutting G = Grinding CS = Cutting Slim L = Flap LC = Flap Ceramic CT = Cutting Thin	flat 41 depressed 42 depressed 27 flap 50	mm / inches 100 / 4 115 / 4½ 125 / 5 150 / 6 180 / 7 230 / 9 350 / 14



Extended life and moisture protection with PRO+**

Special mixture delivers:

Up to 20% longer lifetime vs. MILWAUKEE® contractor series.

Up to 20% less dust development vs. MILWAUKEE® contractor series.

The new formula HydroProtect prevents the age-related loss of performance and still provides almost the entire performance after months of storage.

Benefits:

Reduced costs per cut and shorter set up times.

Reduction of wheel deterioration during the storage interval.

Longer lasting high-performance.

**available on cutting and grinding discs with thickness 1, 1.5, 1.9 and 6 mm.

+ 20% LIFETIME*

*vs. MILWAUKEE® contractor series

HYDRO PROTECT

Thin metal cutting discs PRO+

Applications: Most suitable for stainless and acid-resistant steel, hardox, heat-resistant cast steel, spring steel, mild and tool steel.

Characteristics: Pro+ technology for best lifetime: Hydro-protected against moisture for longer lasting power. Greater performance and longer runtime than the 1 mm pro+ and therefore cordless optimised. Lower material loss, less sparks. Made in Germany.



	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
41	SCS 41 / 76	76	1	10	5	1	**4932464717**	4058546226626
	SCS 41 / 115	115	1	22.2	1	50	**4932451484**	4002395163953
	① **Counter display (200 x SCS 41 / 115 discs)**				200	1	**4932451485**	4002395163960
	SCS 41 / 115	115	1.5	22.2	1	50	**4932451486**	4002395163977
	SCS 42 / 125	125	0.8	22.2	1	50	**4932498201**	4058546520700
	SCS 41 / 125	125	1	22.2	1	50	**4932451487**	4002395163984
	① **Counter display (200 x SCS 41 / 125 discs)**				200	1	**4932451488**	4002395163991
	Suitcase (600pc) (600 x SCS 41/125 discs)				600	1	**4932500580**	4058546618827
	SCS 41 / 125	125	1.5	22.2	1	50	**4932498002**	4058546511623
	SCS 41 / 150	150	1.5	22.2	1	25	**4932471386**	4058546290146
	SCS 41 / 180	180	1.5	22.2	1	25	**4932451489**	4002395161300
	SCS 41 / 230	230	1.9	22.2	1	25	**4932451490**	4002395161317
	SCS 41 /350	350	4	25.4	1	10	**4932471989**	4058546298883
	② SCS 41 / 115	115	1	22.2	10	1	**4932478997**	4058546362799
	③ SCS 41 / 125	125	1	22.2	10	1	**4932478998**	4058546362805

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Metal cutting discs PRO+

Applications: Great performance in cutting mild steel with medium strength, plain alloy tool steel, concrete reinforcing iron and steel rebar.
Characteristics: Efficient cutting properties in combination with high performance.

	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
41	SC 41 / 115	115	3	22.2	1	25	**4932451491**	4002395161324
	SC 41 / 125	125	3	22.2	1	25	**4932451492**	4002395161331
	SC 41 / 180	180	3	22.2	1	25	**4932451493**	4002395161348
	SC 41 / 230	230	3	22.2	1	25	**4932451494**	4002395161362
42	SC 42 / 115	115	3	22.2	1	25	**4932451495**	4002395161379
	SC 42 / 125	125	3	22.2	1	25	**4932451496**	4002395161393
	SC 42 / 180	180	3	22.2	1	25	**4932451497**	4002395162000
	SC 42 / 230	230	3	22.2	1	25	**4932451498**	4002395162017

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Metal cutting discs for chop saws PRO+

Applications: For structural steels, tool steel, cast iron, hard high-grade steels and concrete reinforcing steel bars (rebar).
Characteristics: Soft cutting wheel for chop saws.

	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
41	SC 41 / 355	355	2.5	25.4	1	10	**4932451505**	4002395162086

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Metal grinding discs PRO+

Applications: Sound performance in mild steel and non alloy tool steel.
Characteristics: Provides good lifetime and efficient grinding characteristics.

	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
27	SG 27 / 115	115	6	22.2	1	25	**4932451501**	4002395162048
	SG 27 / 125	125	6	22.2	1	25	**4932451502**	4002395162055
	SG 27 / 150	150	6	22.2	1	10	**4932471387**	4058546290153
	SG 27 / 180	180	6	22.2	1	10	**4932451503**	4002395162062
	SG 27 / 230	230	6	22.2	1	10	**4932451504**	4002395162079

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Stone cutting discs PRO+

Applications: for concrete, masonry products and thin natural stone tiles.

	Type	Diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
42	CC 42 / 115	115	3	22.2	1	25	**4932451499**	4002395162024
	CC 42 / 230	230	3	22.2	1	25	**4932451500**	4002395162031

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Thin ductile iron, stone and multi material disc

Applications: Ductile iron, non-ferrous metals & stone.
* Minimum order quantity = 10 pcs. Orders > 10 pcs must be ordered in multiples of 10 (i.e. 10, 20, 30, 40)



	Type	Disc diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
	CCS 41 / 350	350	4	25.4	1	10	**4932472264**	4058546339104

Thin metal cutting discs - contractor series

Applications: Iron and sulphur free thin cut-off wheels for steel.
Suitable for acid-resistant steel, hardox, high-alloy steel, mild and tool steel.
Not suitable for stainless steel.

① 

② 

	Type	Diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
41	SCS 41 / 115	115	1	22.2	1	50	**4932451474**	4002395163250
①	**Counter display (200 x SCS 41 / 115 discs)**				200	1	**4932451475**	4002395163267
	SCS 41 / 115	115	1.5	22.2	1	50	**4932451476**	4002395163274
	SCS 41 / 125	125	1	22.2	1	50	**4932451477**	4002395163281
①	**Counter display (200 x SCS 41 / 125 discs)**				200	1	**4932451478**	4002395163298
	SCS 41 / 125	125	1.5	22.2	1	50	**4932451479**	4002395163908
	SCS 41 / 230	230	1.9	22.2	1	25	**4932451480**	4002395163915
②	SCS 41 / 125	125	1	22.2	10	1	**4932459164**	4002395287192

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Metal grinding discs - contractor series

Applications: suitable for mild steel. Not suitable for stainless steel.

	Type	Diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
27	SG 27 / 115	115	6	22.2	1	25	**4932451481**	4002395163922
	SG 27 / 125	125	6	22.2	1	25	**4932451482**	4002395163939
	SG 27 / 230	230	6	22.2	1	10	**4932451483**	4002395163946

***Orders are only possible in master cartons. Order quantities greater than the pack quantity are to be ordered in multiples (i.e. 50, 100, 150...)**

Carbide Blade

Carbide blade suitable for cutting wood, plastic and plasterboard.
No risk of disc breakages.
Cutting depth remains the same over the lifetime of the disc.
Suitable for cutting all types of softer materials.
Suitable for use with angle grinders.



Diameter (mm)	Thickness (mm)	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
76	1	10	1	1	**4932464716**	4058546226619
115	1	22.23	1	1	**4932492376**	4058546417437
125	1	22.23	1	1	**4932492377**	4058546417444

Flap discs CERA TURBO™

Maximum productivity with CERA TURBO™, 50% faster material removal and 2x longer lifetime vs. bonded disc.
Ceramic hybrid disc: grinds steel, stainless steel.
Plastic backing pad.
Highly flexible: perfectly adjusts to working piece.
Low heat development: no metal discolouration, especially on stainless steel.
Made in Germany.
Best for ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401) and non-ferrous metals (aluminium, titan, etc.),
Orders must be in multiples of 10 pcs.



	Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Pack quantity	Min. order quantity	Article Number	EAN Code
50	SLC 50 / 115	115	40	22.2	Plastic	1	10	**4932472228**	4058546326241
	SLC 50 / 115	115	60	22.2	Plastic	1	10	**4932472229**	4058546326258
	SLC 50 / 115	115	80	22.2	Plastic	1	10	**4932472230**	4058546326265
	SLC 50 / 125	125	40	22.2	Plastic	1	10	**4932472231**	4058546326272
	SLC 50 / 125	125	60	22.2	Plastic	1	10	**4932472232**	4058546326289
	SLC 50 / 125	125	80	22.2	Plastic	1	10	**4932472233**	4058546326296

Flap discs CERA TURBO™ XL

Maximum productivity with CERA TURBO™, 50% faster material removal and 2x longer lifetime vs. bonded disc.
CERA TURBO™ XL with 10 mm protruding flaps for grinding down fillet welds.
Ceramic hybrid disc: grinds steel, stainless steel.
Natural fibre backing pad.
Highly flexible: perfectly adjusts to working piece.
Low heat development: no metal discolouration, especially on stainless steel.
Best for ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401) and non-ferrous metals (aluminium, titan, etc.),
Orders must be in multiples of 10 pcs.
Made in Germany.



	Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Pack quantity	Min. order quantity	Article Number	EAN Code
	SLC XL 50 / 115	115	40	22.2	Plastic	1	10	**4932478946**	4058546362287
	SLC XL 50 / 115	115	60	22.2	Plastic	1	10	**4932478947**	4058546362294
	SLC XL 50 / 115	115	80	22.2	Plastic	1	10	**4932478948**	4058546362300
	SLC XL 50 / 125	125	40	22.2	Plastic	1	10	**4932478949**	4058546362317
	SLC XL 50 / 125	125	60	22.2	Plastic	1	10	**4932478950**	4058546362324
	SLC XL 50 / 125	125	80	22.2	Plastic	1	10	**4932478951**	4058546362331

Flap discs Zirconium



High quality zirconium grain: longer lifetime on ferrous metals and stainless steel.
Suitable for ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401).
Natural fibre backing pad: low vibration & noise, no harmful dust.
Highly flexible: perfectly adjusts to working piece.
Made in Germany.
Orders must be in multiples of 10 pcs.

	Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Pack quantity	Min. order quantity	Article Number	EAN Code
50	SL 50 / 115	115	40	22.2	Plastic	1	10	**4932472220**	4058546326166
	SL 50 / 115	115	60	22.2	Plastic	1	10	**4932472221**	4058546326173
	SL 50 / 115	115	80	22.2	Plastic	1	10	**4932472222**	4058546326180
	SL 50 / 115	115	120	22.2	Plastic	1	10	**4932472223**	4058546326197
	SL 50 / 125	125	40	22.2	Plastic	1	10	**4932472224**	4058546326203
	SL 50 / 125	125	60	22.2	Plastic	1	10	**4932472225**	4058546326210
	SL 50 / 125	125	80	22.2	Plastic	1	10	**4932472226**	4058546326227
	SL 50 / 125	125	120	22.2	Plastic	1	10	**4932472227**	4058546326234

Flap discs Aluminium



Best for aluminium, non-ferrous metals and wood.
Special coating of the flaps prevent clogging of the disc whilst grinding aluminium, non-ferrous metals and wood.
Self trimming backing pad: allows grinding to the last grain.
Made in Germany.
Orders must be multiples of 10 pcs.

	Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Pack quantity	Min. order quantity	Article Number	EAN Code
	ALU SLC 50 / 115	115	40	22.2	Plastic	1	10	**4932479089**	4058546368838
	ALU SLC 50 / 115	115	60	22.2	Plastic	1	10	**4932479090**	4058546368845
	ALU SLC 50 / 125	125	40	22.2	Plastic	1	10	**4932479091**	4058546368852
	ALU SLC 50 / 125	125	60	22.2	Plastic	1	10	**4932479092**	4058546368869

Metal Fiber Disc Zirconium



High stock removal rate.
Used for coarse grinding and deburring of steel and stainless steel.
High and even cutting performance with medium pressure.
Zirconium grain with self-sharpening effect.
Sizes available: 115mm, 125mm.
Grits available: G24, G40, G60, G80, G120.

Description	Disc diameter (mm)	Grit	Bore size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Metal Fiber Disc 115 G24	115	24	22	25	1	**4932500212**	4058546615147
Metal Fiber Disc 115 G40	115	40	22	25	1	**4932500213**	4058546615154
Metal Fiber Disc 115 G60	115	60	22	25	1	**4932500214**	4058546615161
Metal Fiber Disc 115 G80	115	80	22	25	1	**4932500215**	4058546615178
Metal Fiber Disc 115 G120	115	120	22	25	1	**4932500217**	4058546615192
Metal Fiber Disc 125 G24	125	24	22	25	1	**4932500218**	4058546615208
Metal Fiber Disc 125 G40	125	40	22	25	1	**4932500220**	4058546615222
Metal Fiber Disc 125 G60	125	60	22	25	1	**4932500223**	4058546615253
Metal Fiber Disc 125 G80	125	80	22	25	1	**4932500219**	4058546615215
Metal Fiber Disc 125 G120	125	120	22	25	1	**4932500221**	4058546615239

System attachments - angle grinders

Flexible backing pads

Requires flange nut M14 for all angle grinder - reference 4932345627.

Bore size (mm)	Diameter (mm)	Fits 115 mm angle grinders	Fits 125 mm angle grinders	Fits 180mm angle grinders	Fits 230mm angle grinders	Pack quantity	Min. order quantity	Article Number	EAN Code
14.2	110	✔				1	1	**4932345760**	4002395313488
14.2	125		✔			1	1	**4932345761**	4002395313495
14.2	170			✔		1	1	**4932345758**	4002395313501
22.2	170			✔		1	1	**4932352744**	4002395374021
Flange nut M14		✔	✔	✔	✔	1	1	**4932345627**	4002395313112





Fixtec Nut M14 universal



UNIVERSAL fitting to all angle grinders from Ø115 - 230mm.
Suitable for grinders with automatic / rapid braking systems.
Tool free disc changing in 12 seconds – NO tools required.
Only 8mm thick: allowing for more disc surface and for improved use in restricted areas.
Integrated keyholes for removing the nut with a standard spanner in case of over tightening during operation.

Description	Diameter (mm)	Thickness (mm)	Fits 115 mm angle grinders	Fits 125 mm angle grinders	Fits 180mm angle grinders	Fits 230mm angle grinders	Pack quantity	Min. order quantity	Article Number	EAN Code
Fixtec Nut M14 universal	45	8	✔	✔	✔	✔	1	1	**4932498607**	4058546524760











Carbide Burrs

According to DIN 8033.
Double cut toothing geometry ensures excellent material removal, low vibrations for easier handling and smaller swarfs.
Suitable for unhardened and hardened steel, cast iron and non ferrous metals (aluminium, brass, copper).
Includes: Types B, C, D, H, M.
Type B: End cut cylinder for top and side cutting.
Type C: Cylindrical ball nose for top and side cutting.
Type D: Ball for milling holes and creating concave cuts.
Type H: Flame for contouring.
Type M: Cone for angled edges and narrow contours.

Type of material	Cutting Speed m/min.	R.P.M. Ø 10mm	R.P.M. Ø 12,7mm
Steel, Hardness / Tensile strength < 1200 N/mm²	200 - 400	8.000 - 12.000	7.000 - 10.000
Stainles Steel	200 - 350	8.000 - 12.000	7.000 - 10.000
Non Ferrous Metals	400 - 800	13.000 - 20.000	11.000 - 18.000
Cast iron	600 - 800	18.000 - 21.000	12.000 - 19.000
Fibre reinfoorced plastics	500 - 900	16.000 - 28.000	10.000 - 18.000

Type	Shank diameter (mm)	Width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
B	6	10	1	1	**4932493981**	4058546511418
		12.7			**4932493986**	4058546511463
C	6	10	1	1	**4932493982**	4058546511425
		12.7			**4932493987**	4058546511470
D	6	10	1	1	**4932493983**	4058546511432
		12.7			**4932493988**	4058546511487
H	6	10	1	1	**4932493984**	4058546511449
		12.7			**4932493989**	4058546511494
M	6	10	1	1	**4932493985**	4058546511456
		12.7			**4932493990**	4058546511500
Burrs TC 6 x 10mm set - 5 pc	6	10	5	1	**4932493577**	4058546484484
Burrs TC 6 x 12.7mm set - 5 pc	6	12.7	5	1	**4932493576**	4058546484477







COATED ABRASIVES

3 PERFORMANCE LEVELS

STANDARD

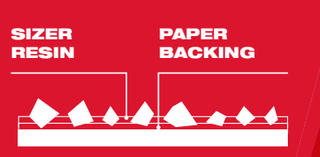
- ALUMINIUM OXIDE (ALOX) GRAIN
- HEAVY PAPER, ROBUST AND TEAR RESISTANT
- SEMI-OPEN GRAIN DISTRIBUTION

HIGH PERFORMANCE

- ALUMINIUM OXIDE (ALOX) GRAIN
- LIGHT AND MORE FLEXIBLE PAPER BACKING
- SEMI-OPEN GRAIN DISTRIBUTION
- BETTER SURFACE FINISH
- BETTER MATERIAL REMOVAL
- 2X LONGER LIVE VS. STANDARD
- STEARATE COATING TO PREVENT CLOGGING

POWERGRID MESH

- OPEN MESH
- ALUMINIUM OXIDE (ALOX) GRAIN
- OPEN GRAIN DISTRIBUTION
- NO CLOGGING FOR 3X LONGER LIFE VS STANDARD, CLEANABLE & REUSABLE
- BEST MATERIAL REMOVAL
- BEST SURFACE FINISH
- BEST OVERALL LIFETIME
- 99% DUSTFREE
- NO ALIGNMENT TO HOLE PATTERN









WHY USE A PAD SAVER WITH POWERGRID MESH?

PowerGrid Mesh is very aggressive, dust could wear and damage the Velcro on the backing pad.

Pad savers are the solution to extend life of the machines backing pad.

APPLICATIONS

	SOFT WOOD	PAINT	METAL	HARD WOOD	PLASTER	FILLER	LACQUER	COMPOSITE MATERIALS	CARS
STANDARD	✓	✓	✓	✓	✗	✗	✗	✗	✗
HIGH PERFORMANCE	✓	✓	✗	✓	✓	✓	✓	✓	✓
POWERGRID MESH	✓	✓	✓	✓	✓	✓	✓	✓	✗

HL = Hook & Loop

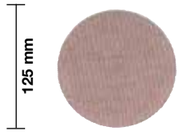
Sanding sheets for random orbital sanders

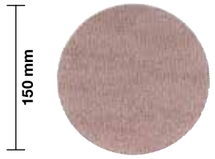
Power Grid Mesh Sanding Discs HL

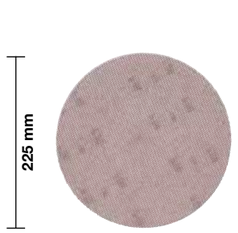
NEW

Open mesh backing with aluminium oxide open grain for best material removal performance and fine finishing.
Mesh structure provide for 99% dust free sanding and no clogging. Reduced clogging and dust build-up on work surface leads to best life and better finish.
No designated hole pattern for quick dust hole alignment and compatible with all competitor backing pads.
Easy to clean and re-use (wash or blow clean).
3x longer life versus standard sandpaper.
Suitable for all types of metal, wood, paint, plaster, filler and laquer.
Recommended to be used with a pad saver.
Power Grid Mesh Sanding Sheets 125 mm are suitable for M18 BOS125 and ROS 125 E.
Power Grid Mesh Sanding Sheets 76 mm are suitable for M12 FSDR75.









Grit	Paper size diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
80	76	10	1	**4932499368**	4058546565329
120	76	10	1	**4932499369**	4058546565336
180	76	10	1	**4932499370**	4058546565343
240	76	10	1	**4932499371**	4058546565350
320	76	10	1	**4932499372**	4058546565367
400	76	10	1	**4932499373**	4058546565374
80	125	10	1	**4932492185**	4058546415525
120	125	10	1	**4932492186**	4058546415532
180	125	10	1	**4932492187**	4058546415549
240	125	10	1	**4932492188**	4058546415556
320	125	10	1	**4932492189**	4058546415563
400	125	10	1	**4932492190**	4058546415570
80	125	50	1	**4932492203**	4058546415709
120	125	50	1	**4932492204**	4058546415716
180	125	50	1	**4932492205**	4058546415723
240	125	50	1	**4932492206**	4058546415730
80	150	10	1	**4932492220**	4058546415877
120	150	10	1	**4932492221**	4058546415884
180	150	10	1	**4932492222**	4058546415891
240	150	10	1	**4932492223**	4058546415907
320	150	10	1	**4932492224**	4058546415914
400	150	10	1	**4932492225**	4058546415921
80	150	50	1	**4932492238**	4058546416058
120	150	50	1	**4932492239**	4058546416065
180	150	50	1	**4932492240**	4058546416072
240	150	50	1	**4932492241**	4058546416089
80	225	10	1	**4932500187**	4058546614898
120	225	10	1	**4932500188**	4058546614904
180	225	10	1	**4932500189**	4058546614911
240	225	10	1	**4932500190**	4058546614928
320	225	10	1	**4932500191**	4058546614935
Mesh Pad Saver 76 mm HL Set - 10 pcs Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180, 1 x Pad Saver		10	1	**4932499374**	4058546565381
Mesh & Pad Saver 125 mm H&L Set 1 - 10 pcs Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180, 1 x Pad Saver		10	1	**4932492293**	4058546416607
Mesh & Pad Saver 150 mm H&L Set 2 - 10 pcs Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180, 1 x Pad Saver		10	1	**4932492294**	4058546416614
PG 225 HL G80 120 180 Pad Saver Set - 10 pc Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180, 1 x Pad Saver		10	1	**4932500192**	4058546614942



High Performance Sanding Discs HL

NEW

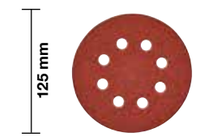
Grit	Paper size diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	125	10	1	**4932492178**	4058546415457
60	125	10	1	**4932492179**	4058546415464
80	125	10	1	**4932492180**	4058546415471
120	125	10	1	**4932492181**	4058546415488
180	125	10	1	**4932492182**	4058546415495
240	125	10	1	**4932492183**	4058546415501
320	125	10	1	**4932492184**	4058546415518
40	125	50	1	**4932492197**	4058546415648
60	125	50	1	**4932492198**	4058546415655
80	125	50	1	**4932492199**	4058546415662
120	125	50	1	**4932492200**	4058546415679
180	125	50	1	**4932492201**	4058546415686
240	125	50	1	**4932492202**	4058546415693
40	150	10	1	**4932492213**	4058546415808
60	150	10	1	**4932492214**	4058546415815
80	150	10	1	**4932492215**	4058546415822
120	150	10	1	**4932492216**	4058546415839
180	150	10	1	**4932492217**	4058546415846
240	150	10	1	**4932492218**	4058546415853
320	150	10	1	**4932492219**	4058546415860
40	150	50	1	**4932492232**	4058546415990
60	150	50	1	**4932492233**	4058546416003
80	150	50	1	**4932492234**	4058546416010
120	150	50	1	**4932492235**	4058546416027
180	150	50	1	**4932492236**	4058546416034
240	150	50	1	**4932492237**	4058546416041
150	150	50	1	**4932499979**	4058546571436
220	150	50	1	**4932499981**	4058546571450
280	150	50	1	**4932499983**	4058546571474
320	150	50	1	**4932499984**	4058546571481
400	150	50	1	**4932499985**	4058546571498
500	150	50	1	**4932499986**	4058546571504
600	150	50	1	**4932499987**	4058546571511
800	150	50	1	**4932499988**	4058546571528

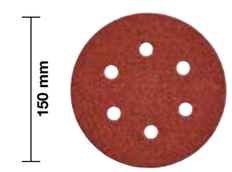




Standard Sanding Discs HL

Grit	Paper size diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	125	10	1	**4932492172**	4058546415396
60	125	10	1	**4932492173**	4058546415402
80	125	10	1	**4932492174**	4058546415419
120	125	10	1	**4932492175**	4058546415426
180	125	10	1	**4932492176**	4058546415433
240	125	10	1	**4932492177**	4058546415440
40	125	50	1	**4932492191**	4058546415587
60	125	50	1	**4932492192**	4058546415594
80	125	50	1	**4932492193**	4058546415600
120	125	50	1	**4932492194**	4058546415617
180	125	50	1	**4932492195**	4058546415624
240	125	50	1	**4932492196**	4058546415631
40	150	10	1	**4932492207**	4058546415747
60	150	10	1	**4932492208**	4058546415754
80	150	10	1	**4932492209**	4058546415761
120	150	10	1	**4932492210**	4058546415778
180	150	10	1	**4932492211**	4058546415785
240	150	10	1	**4932492212**	4058546415792
40	150	50	1	**4932492226**	4058546415938
60	150	50	1	**4932492227**	4058546415945
80	150	50	1	**4932492228**	4058546415952
120	150	50	1	**4932492229**	4058546415969
180	150	50	1	**4932492230**	4058546415976
240	150	50	1	**4932492231**	4058546415983

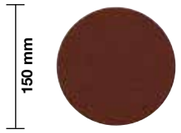




Standard Sanding Discs - no holes HL

NEW

Grit	Paper size diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	150	50	1	**4932498927**	4058546527969
60	150	50	1	**4932498928**	4058546527976
80	150	50	1	**4932498929**	4058546527983
100	150	50	1	**4932498930**	4058546527990
120	150	50	1	**4932498931**	4058546528003



Pad Saver

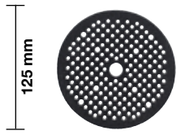
NEW

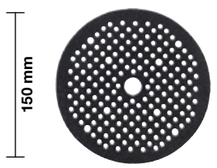
For use with mesh type sanding papers.
Protects the backing pad from damage.
Pad Saver 125 mm is suitable for M18 BOS125 and ROS 125 E.

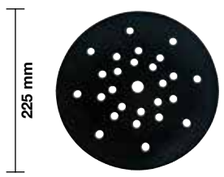
Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
76	5	1	**4932501269**	4058546639853
125	5	1	**4932492291**	4058546416584
150	5	1	**4932492292**	4058546416591
225	5	1	**4932500193**	4058546614959

Paper size diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
93x93	5	1	**4932500194**	4058546614966
100x147	5	1	**4932500186**	4058546614881
115x107	5	1	**4932500196**	4058546614980

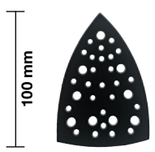


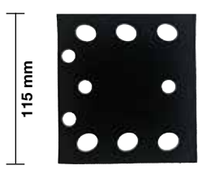








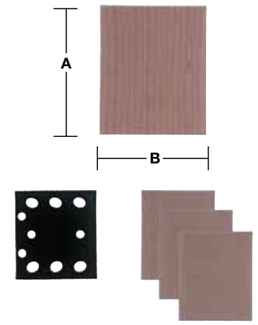




Power Grid Mesh Sanding Sheets HL

NEW

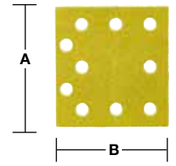
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Min. order quantity	Article Number	EAN Code
80	115 x 107	10	1	1	**4932492249**	4058546416164
120	115 x 107	10	1	1	**4932492250**	4058546416171
180	115 x 107	10	1	1	**4932492251**	4058546416188
240	115 x 107	10	1	1	**4932492252**	4058546416195
320	115 x 107	10	1	1	**4932492253**	4058546416201
400	115 x 107	10	1	1	**4932492254**	4058546416218
PG 115 x 107 HL G80 120 180 Pad Saver Set - 10 pc Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180, 1 x Pad Saver		10	1	1	**4932500197**	4058546614997



High Performance Sanding Sheets HL

NEW

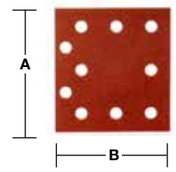
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
80	115 x 107	10	1	**4932492244**	4058546416119
120	115 x 107	10	1	**4932492245**	4058546416126
180	115 x 107	10	1	**4932492246**	4058546416133
240	115 x 107	10	1	**4932492247**	4058546416140
320	115 x 107	10	1	**4932492248**	4058546416157



Standard Sanding Sheets HL

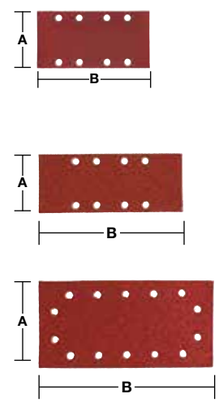
NEW

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	115 x 107	10	1	**4932492242**	4058546416096
60	115 x 107	10	1	**4932492759**	4058546476304
80	115 x 107	10	1	**4932492760**	4058546476311
120	115 x 107	10	1	**4932492761**	4058546476328
180	115 x 107	10	1	**4932492243**	4058546416102
240	115 x 107	10	1	**4932492762**	4058546476335



Standard Sanding Sheets HL

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
60	80 x 133	10	1	**4932492763**	4058546476342
80	80 x 133	10	1	**4932492764**	4058546476359
120	80 x 133	10	1	**4932492765**	4058546476366
180	80 x 133	10	1	**4932492766**	4058546476373
240	80 x 133	10	1	**4932492767**	4058546476380
40	93 x 185	10	1	**4932492257**	4058546416249
60	93 x 185	10	1	**4932492258**	4058546416256
80	93 x 185	10	1	**4932492259**	4058546416263
120	93 x 185	10	1	**4932492260**	4058546416270
180	93 x 185	10	1	**4932492261**	4058546416287
240	93 x 185	10	1	**4932492262**	4058546416294
40	115 x 230	10	1	**4932492263**	4058546416300
60	115 x 230	10	1	**4932492264**	4058546416317
80	115 x 230	10	1	**4932492265**	4058546416324
120	115 x 230	10	1	**4932492266**	4058546416331
180	115 x 230	10	1	**4932492267**	4058546416348
240	115 x 230	10	1	**4932492268**	4058546416355



Sanding sheets for delta sanders

Power Grid Mesh Delta Sanding Sheets HL

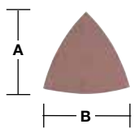
12 x longer life compared to standard sandpaper.
Open mesh structure for almost dust-free sanding and longest life. The mesh structure increases performance and reduces clogging.
Mesh sheet 67 x 92 mm is suitable for Mesh Sheets for M12 FDSS.
Can be cleaned with compressed air, vacuumed or rinsed out with water.
Application: wood, painted wood, plastic, filler, drywall, metal, plaster, lacquer.
Each pack includes 1 pad saver. Always use a pad saver when using mesh type abrasives, this protects the tool backing pad from damage.
Grit options available: G80, G120, G180, G220, G320, G400.
Sponge Interface Pad available separately.

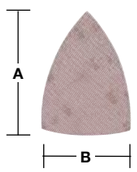




Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
80	67 x 92	13	1	**4932501318**	4058546640347
120	67 x 92	13	1	**4932501319**	4058546640354
180	67 x 92	13	1	**4932501320**	4058546640361
220	67 x 92	13	1	**4932501321**	4058546640378
Sponge Interface Pad 67 x 92 mm	67 x 92	1	1	**4932501322**	4058546640385
Mesh 67 x 92 mm - 12 pc Set + Pad saver		13	1	**4932501323**	4058546640392

Power Grid Mesh Delta Sanding Sheets HL NEW



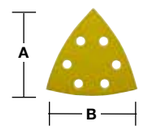


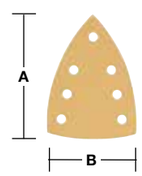
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
80	100x147	10	1	**4932500179**	4058546614812
120	100x147	10	1	**4932500180**	4058546614829
180	100x147	10	1	**4932500181**	4058546614836
240	100x147	10	1	**4932500182**	4058546614843
320	100x147	10	1	**4932500183**	4058546614850
400	100x147	10	1	**4932500184**	4058546614867
PG 93x93 HL G80 120 180 Pad Saver Set - 10 pc Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180 / 1x Pad Saver		10	1	**4932500195**	4058546614973
PG 100x147 HL G80 120 180 Pad Saver Set - 10 pc Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180 / 1x Pad Saver		10	1	**4932500185**	4058546614874



High Performance Delta Sanding Sheets HL NEW

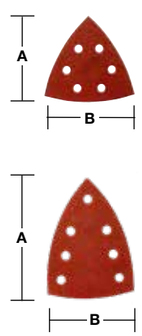
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	93 x 93	10	1	**4932492275**	4058546416423
60	93 x 93	10	1	**4932492276**	4058546416430
80	93 x 93	10	1	**4932492277**	4058546416447
120	93 x 93	10	1	**4932492278**	4058546416454
180	93 x 93	10	1	**4932492279**	4058546416461
240	93 x 93	10	1	**4932492280**	4058546416478
40	100x147	10	1	**4932500172**	4058546614744
60	100x147	10	1	**4932500173**	4058546614751
80	100x147	10	1	**4932500174**	4058546614768
120	100x147	10	1	**4932500175**	4058546614775
180	100x147	10	1	**4932500176**	4058546614782
240	100x147	10	1	**4932500177**	4058546614799
320	100x147	10	1	**4932500178**	4058546614805





Standard Delta Sanding Sheets HL

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	93 x 93	10	1	**4932492269**	4058546416362
60	93 x 93	10	1	**4932492270**	4058546416379
80	93 x 93	10	1	**4932492271**	4058546416386
120	93 x 93	10	1	**4932492272**	4058546416393
180	93 x 93	10	1	**4932492273**	4058546416409
240	93 x 93	10	1	**4932492274**	4058546416416
40	147 x 100	10	1	**4932492285**	4058546416522
60	147 x 100	10	1	**4932492768**	4058546476397
80	147 x 100	10	1	**4932492769**	4058546476403
120	147 x 100	10	1	**4932492770**	4058546476410
180	147 x 100	10	1	**4932492771**	4058546476427
240	147 x 100	10	1	**4932492772**	4058546476434

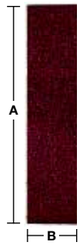


Abrasive belts

Cloth sanding belts for wood, metal, paint, lacqueur, plaster.
Grit type: fused alumina, half open.
Artificial resin-bonded on special fabric.

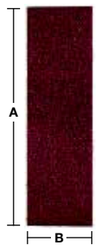
Sanding belts 75 x 457 mm

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	457 x 75	5	1	**4932480546**	4058546408312
60	457 x 75	5	1	**4932480547**	4058546408329
80	457 x 75	5	1	**4932480548**	4058546408336
100	457 x 75	5	1	**4932480549**	4058546408343
150	457 x 75	5	1	**4932480550**	4058546408350



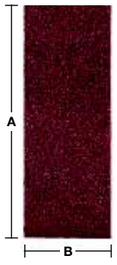
Sanding belts 75 x 533 mm

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	533 x 75	5	1	**4932312475**	4002395301263
60	533 x 75	5	1	**4932312476**	4002395301270
80	533 x 75	5	1	**4932312477**	4002395301287
100	533 x 75	5	1	**4932312478**	4002395301294
150	533 x 75	5	1	**4932312479**	4002395301300



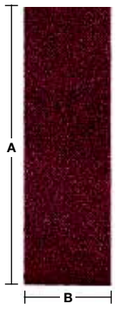
Sanding Belts for Belt Sanders

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	560 x 100	5	1	**4932492286**	4058546416539
60	560 x 100	5	1	**4932492287**	4058546416546
80	560 x 100	5	1	**4932492288**	4058546416553
100	560 x 100	5	1	**4932492289**	4058546416560
150	560 x 100	5	1	**4932492290**	4058546416577



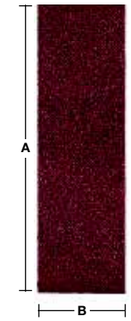
Sanding belts 100 x 610 mm

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	610 x 100	5	1	**4932355066**	4002395319824
60	610 x 100	5	1	**4932355067**	4002395319831
80	610 x 100	5	1	**4932355068**	4002395319848
100	610 x 100	5	1	**4932355069**	4002395319855
150	610 x 100	5	1	**4932355070**	4002395319862



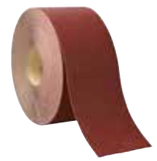
Sanding belts 100 x 620 mm

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	620 x 100	5	1	**4932341610**	4002395304882
60	620 x 100	5	1	**4932341611**	4002395304899
80	620 x 100	5	1	**4932341612**	4002395304905
100	620 x 100	5	1	**4932341613**	4002395304912
150	620 x 100	5	1	**4932341614**	4002395304929



Sandpaper Rolls

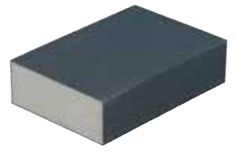
Use for wood and paint.
Simply tear off to the desired size and punch in the hole pattern.
Also suitable for hand sanding blocks.
Grit options for 1/3“ sheets: G40, G60, G80, G120, G150, G180.
Grit options for 1/2“ sheets: G40, G60, G80, G120, G150, G180.



Description	Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/3'' Sheet Standard Rolls G40 - 1 pc	40	93x50000	1	1	**4932501270**	4058546639860
1/3'' Sheet Standard Rolls G60 - 1 pc	60	93x50000	1	1	**4932500198**	4058546615000
1/3'' Sheet Standard Rolls G80 - 1 pc	80	93x50000	1	1	**4932500199**	4058546615017
1/3'' SheetStandard Rolls G120 - 1 pc	120	93x50000	1	1	**4932500200**	4058546615024
1/3'' Sheet Standard Rolls G150 - 1 pc	150	93x50000	1	1	**4932500201**	4058546615031
1/3'' Sheet Standard Rolls G180 - 1 pc	180	93x50000	1	1	**4932500202**	4058546615048
1/2'' Sheet Standard Rolls G40 - 1 pc	40	115x50000	1	1	**4932501271**	4058546639877
1/2'' Sheet Standard Rolls G60 - 1 pc	60	115x50000	1	1	**4932500203**	4058546615055
1/2'' Sheet Standard Rolls G80 - 1 pc	80	115x50000	1	1	**4932500204**	4058546615062
1/2'' Sheet Standard Rolls G120 - 1 pc	120	115x50000	1	1	**4932500205**	4058546615079
1/2'' Sheet Standard Rolls G150 - 1 pc	150	115x50000	1	1	**4932500206**	4058546615086
1/2'' Sheet Standard Rolls G180 - 1 pc	180	115x50000	1	1	**4932500207**	4058546615093

Abrasive 4-sided Sponges

The four-sided sponge is flexible, adapts to surfaces, contours and shapes and reaches tight corners.
Equalizes the pressure distribution to create an even surface pattern.
Can be used on all sides.
Washable and can be reused, longer life.
For wet and dry sanding.
Can be used on wood, paint, metal and plaster to remove material.
Grits available: G60, G100, G180, G220.



Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
60	100x66x26	2	1	**4932500208**	4058546615109
100	100x66x26	2	1	**4932500209**	4058546615116
180	100x66x26	2	1	**4932500210**	4058546615123
220	100x66x26	2	1	**4932500211**	4058546615130

Abrasive Belts for Band File

Ceramic grain quality: Extremely high removal rate with best lifetime.
For grinding metal weld seams, contours, edges and profiles.
Suitable for all metals (steel, non ferrous metals, aluminium, titanium and stainless steel).
Ceramic grain produces low heat, preventing metal discolouration on stainless steel.
Abrasive Belts are suitable for M12 FBFL10 and M12 FBFL13.

Grit	Size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
60	330 x 10	10	1	**4932492874**	4058546477455
80	330 x 10	10	1	**4932492875**	4058546477462
120	330 x 10	10	1	**4932492876**	4058546477479
60	457 x 13	10	1	**4932492881**	4058546477523
80	457 x 13	10	1	**4932492882**	4058546477530
120	457 x 13	10	1	**4932492883**	4058546477547



Fleece Belts for Band File

Non woven nylon fabric belts impregnated with abrasive grain for surface conditioning without damage to or removal of base material.
For fine grinding, deburring, matting and finishing on all metals inc. stainless steel.
Non Woven Fleece Belts are suitable for M12 FBFL10 and M12 FBFL13.

Grit	Size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Coarse	330 x 10	5	1	**4932492877**	4058546477486
Coarse	457 x 13	5	1	**4932492884**	4058546477554
Fine	330 x 10	5	1	**4932492879**	4058546477509
Fine	457 x 13	5	1	**4932492886**	4058546477578
Medium	330 x 10	5	1	**4932492878**	4058546477493
Medium	457 x 13	5	1	**4932492885**	4058546477561



Polishing Fleece Belts for Band File

Non woven nylon fabric belts impregnated with abrasive grain for effective cleaning, buffing and polishing.
Available in super-fine.
Non woven polishing fleece belts are suitable for M12 FBFL10 and M12 FBFL13.

Description	Size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Super-fine fleece belt	330 x 10	3	1	**4932492880**	4058546477516
Super-fine fleece belt	457 x 13	3	1	**4932492887**	4058546477585





WIRE BRUSHES

Wire brushes are extremely effective for cleaning and preparing surfaces for painting, restoration and removing spatter after welding. Designed to be able to scrub dirt, rust, and other debris away from a variety of materials; including metal and wood; they can also be used to smooth and buff numerous surfaces.

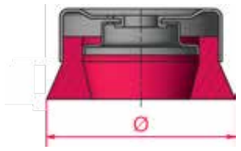
MILWAUKEE® wire brushes are evenly shaped, allowing the wire to distribute heat evenly. All our wire brushes are easy to attach to our tools, making cleaning and surface prep quick and effortless.

MATERIAL	WORKPIECE MATERIAL: STEEL	STAINLESS STEEL (INOX)	ALUMINIUM	NON-FERROUS MEAL (SOFT)	NON-FERROUS MEAL (HARD)	CAST IRON	PLASTIC
STEEL WIRE	✔	✘	✘	✘	✘	✔	●
STAINLESS STEEL WIRE	●	✔	✔	●	●	✘	✘
BRASS WIRE	✘	✘	✘	✔	✘	✘	✘
SILICON CARBIDE WIRE (SIC)	✔	✔	✔	✘	●	✔	✔
CERAMIC WIRE (C)	✔	●	●	✘	✔	✔	✘

✔ - Highly recommended ● - Recommended ✘ - Not recommended

Cup brushes for small angle grinder, crimped

Cup brushes with crimped wire are used for medium duty brushing such as processing larger surfaces, rust removal and polishing, removal of paint, dirt and scale.
The wire is highly flexible ensuring optimum adaptation to the workpiece contour to produce a fine surface finish.
Use of high strength wire for aggressive brushing and therefore best removal results.
Crimped, curved wire for maximum flexibility.
Tight design for a longer service life.
Suitable for 115mm and 125mm angle grinders.

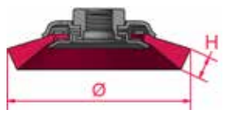




Diameter (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
65	0.35mm	Steel	M14	1	1	**4932501750**	4058546644666
65	0.35mm	Stainless steel	M14	1	1	**4932501751**	4058546644673

Bevel brushes for small angle grinder, crimped

Bevel brushes with crimped wire are used for medium duty brushing such as working on hard to reach areas, rust removal and polishing, removal of paint, dirt and scale and for deburring.
The wire is highly flexible ensuring optimum adaptation to the workpiece contour to produce a fine surface finish.
Use of high strength wire for aggressive brushing and therefore best removal results.
Tight design for a longer service life.
Special designed shape for smooth, low vibration running.
Suitable for 115mm and 125mm angle grinders.

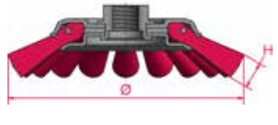




Diameter (mm)	Height (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
100	10	0.35mm	Steel	M14	1	1	**4932501748**	4058546644642
100	10	0.35mm	Stainless steel	M14	1	1	**4932501749**	4058546644659

Conical brushes for small angle grinder, knotted

Conical brushes with knotted wire are used for processing hard-to-reach areas, processing welding seams and for removing scale, rust, paint and slag.
Left-hand knotted with a special flower shape for long lifetime.
Use of high strength wire for aggressive brushing and therefore best removal results.
Optimum and even knotting for smooth, lower vibration running.
Suitable for 115mm and 125mm angle grinders.

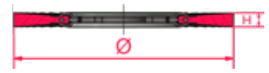




Diameter (mm)	Height (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
100	12	0.5mm	Steel	M14	1	1	**4932501744**	4058546644604
100	12	0.5mm	Stainless steel	M14	1	1	**4932501745**	4058546644611
115	12	0.5mm	Steel	M14	1	1	**4932501746**	4058546644628
115	12	0.5mm	Stainless steel	M14	1	1	**4932501747**	4058546644635

Wheel brushes for small angle grinder, knotted

Wheel brushes with knotted wire are used for pre and post processing of weld seams, aggressive removal of scale, rust and slag and for heavy brushing work.
Wheel brushes with knotted wire in a narrow design (pipeline brushes) are used for professional processing of U / V weld seams and for cleaning of weld seams on pipe connections.
Left-hand knotted with a special flower shape for long lifetime.
Use of high strength wire for aggressive brushing and therefore best removal results.
Optimum and even knotting for smooth, lower vibration running.
Suitable for 115mm and 125mm angle grinders.

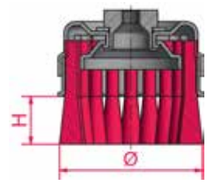


Diameter (mm)	Height (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
115	14	0.5mm	Steel	M14	1	1	**4932501738**	4058546644543
115	14	0.5mm	Stainless steel	M14	1	1	**4932501739**	4058546644550
125	14	0.5mm	Steel	M14	1	1	**4932501740**	4058546644567
125	14	0.5mm	Stainless steel	M14	1	1	**4932501741**	4058546644574
125	6	0.5mm	Steel	M14	1	1	**4932501742**	4058546644581
125	6	0.5mm	Stainless steel	M14	1	1	**4932501743**	4058546644598



Cup brushes for small angle grinder, knotted

Cup brushes with knotted wire are used for heavy-duty brushing work on larger areas. They are designed for deburring, cleaning, derusting and descaling. Also suitable for preparing metal surfaces before painting, for removing slag, rust and concrete residue.
Optimum and even knotting for smooth, lower vibration running.
Use of high strength wire for aggressive brushing and therefore best removal results.
Suitable for 115mm and 125mm angle grinders.

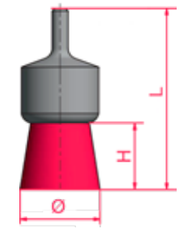


Diameter (mm)	Height (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
65	18	0.5mm	Steel	M14	1	1	**4932501735**	4058546644512
65	18	0.5mm	Stainless steel	M14	1	1	**4932501736**	4058546644529
90	20	0.5mm	Steel	M14	1	1	**4932501737**	4058546644536



End brushes for straight grinder, knotted

End brushes with knotted wire are used for medium duty brushing such as cleaning corners, holes and moulds and for removing paint and rubber residue.
The knots will open according to the speed and therefore are great for processing hard-to-reach areas.
They have almost the same application as end brushes with crimped wire, but with a more aggressive effect.
Optimum and even knotting for smooth, lower vibration running.
Special flower shape for long lifetime.
Use of high strength wire for aggressive brushing and therefore best removal results.
Suitable for straight grinders with max RPM of 20,000.

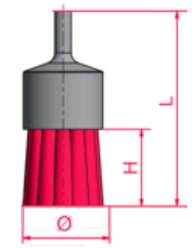


Diam-eter (mm)	Height (mm)	Length (mm)	Wire gauge	Type of wire	Shank recep-tion	Pack quantity	Min. order quantity	Article Number	EAN Code
19	28	72	0.35mm	Steel	6 mm round shank	3	1	**4932501730**	4058546644468
19	28	72	0.35mm	Stainless steel	6 mm round shank	3	1	**4932501731**	4058546644475
22	28	72	0.35mm	Steel	6 mm round shank	3	1	**4932501732**	4058546644482
22	28	72	0.35mm	Stainless steel	6 mm round shank	3	1	**4932501733**	4058546644499
29	28	72	0.35mm	Steel	6 mm round shank	3	1	**4932501734**	4058546644505



End brushes for straight grinder, crimped

End brushes with crimped wire are used for light brushing such as cleaning corners, holes and moulds and for removing paint and rubber residues.
Best access to hard to reach areas such as drilled holes and cavities because the wires spread out / flare during rotation.
Ideal wire distribution for smooth, low vibration running.
Tight design for a longer life.
Suitable for straight grinders with max RPM between 18,000 - 20,000.

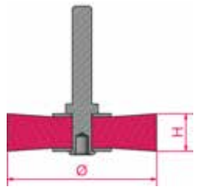


Diam-eter (mm)	Height (mm)	Length (mm)	Wire gauge	Type of wire	Shank recep-tion	Pack quantity	Min. order quantity	Article Number	EAN Code
12	20	120	0.3mm	Steel	6 mm round shank	3	1	**4932501726**	4058546644420
12	20	120	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501727**	4058546644437
17	20	65	0.3mm	Steel	6 mm round shank	3	1	**4932501720**	4058546644369
17	20	65	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501721**	4058546644376
22	25	68	0.3mm	Steel	6 mm round shank	3	1	**4932501722**	4058546644383
22	25	68	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501723**	4058546644390
30	25	68	0.3mm	Steel	6 mm round shank	3	1	**4932501724**	4058546644406
30	25	68	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501725**	4058546644413



Wheel brushes for straight grinder, knotted

Wheel brushes with knotted wire are used for processing hard to reach areas, coarse brushing work, deburring and removing paint, scale or slag and for removing underbody protection in automotive applications.
Optimum and even knotting for smooth, lower vibration running.
Special flower shape for long lifetime.
Use of high strength wire for aggressive brushing and therefore best removal results.
Suitable for straight grinders with max RPM of 25,000.

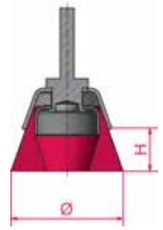


Diameter (mm)	Height (mm)	Wire gauge	Type of wire	Shank recep-tion	Pack quantity	Min. order quantity	Article Number	EAN Code
75	12	0.5mm	Steel	6 mm round shank	3	1	**4932501728**	4058546644444
75	12	0.5mm	Stainless steel	6 mm round shank	3	1	**4932501729**	4058546644451



Cup brushes for straight grinder, crimped

Cup brushes with crimped wire are used for deburring, cleaning and processing small and medium-sized surfaces. Ideal for brushing on flat and easily accessible surfaces.
Use of special wires for the best results and longer lifetime.
Ideal wire distribution for smooth, low vibration running.
Suitable for straight grinders with max RPM between 6,000 - 10,500.



Diameter (mm)	Height (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
50	20	0.3mm	Steel	6 mm round shank	3	1	**4932501717**	4058546644338
50	20	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501718**	4058546644345
70	25	0.3mm	Steel	6 mm round shank	2	1	**4932501719**	4058546644352



Wheel brushes for straight grinder, crimped

Wheel brushes are used for general cleaning, smoothing, cleaning of weld seams, light deburring, and removal of corrosion and paint.

Wheel brushes with steel wire are used to remove rust and paint and to clean weld seams.

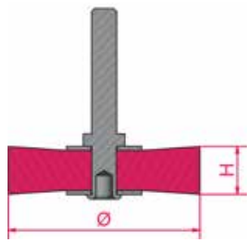
Wheel brushes with stainless steel wires are used for removing tempering colour from stainless steel weld seams. The stainless steel wire prevents contamination and rust.

Abrasive (silicon carbide and ceramic grain) wheel brushes are used for deburring stainless steel and aluminum. Use the ceramic grain for higher aggressiveness.

Highly flexible brush enables optimum adaptation to the workpiece contour and produces a fine surface finish.

Tight brush design for a longer life.

Suitable for straight grinders with max RPM between 15,000 - 20,000.



Diameter (mm)	Grit	Height (mm)	Wire gauge	Type of wire	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
30	-	6	0.2mm	Steel	6 mm round shank	3	1	**4932501699**	4058546644154
30	-	6	0.2mm	Stainless steel	6 mm round shank	3	1	**4932501700**	4058546644161
40	-	9	0.2mm	Steel	6 mm round shank	3	1	**4932501701**	4058546644178
40	-	9	0.2mm	Stainless steel	6 mm round shank	3	1	**4932501702**	4058546644185
50	-	11	0.3mm	Steel	6 mm round shank	3	1	**4932501703**	4058546644192
50	-	11	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501704**	4058546644208
60	-	13	0.3mm	Steel	6 mm round shank	3	1	**4932501705**	4058546644215
60	-	13	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501706**	4058546644222
70	-	9	0.3mm	Steel	6 mm round shank	3	1	**4932501707**	4058546644239
70	-	9	0.3mm	Stainless steel	6 mm round shank	3	1	**4932501708**	4058546644246
50	-	10	0.2mm	Brass	6 mm round shank	3	1	**4932501709**	4058546644253
70	-	12	0.2mm	Brass	6 mm round shank	3	1	**4932501710**	4058546644260
50	120	10	1.1mm	Silicon carbide grain	6 mm round shank	3	1	**4932501711**	4058546644277
50	320	10	0,6mm	Silicon carbide grain	6 mm round shank	3	1	**4932501712**	4058546644284
70	120	12	1.1mm	Silicon carbide grain	6 mm round shank	3	1	**4932501713**	4058546644291
70	320	12	0.6mm	Silicon carbide grain	6 mm round shank	3	1	**4932501714**	4058546644307
50	120	10	1.1mm	Ceramic grain	6 mm round shank	3	1	**4932501715**	4058546644314
50	320	10	0.6mm	Ceramic grain	6 mm round shank	3	1	**4932501716**	4058546644321











Premium polishing accessories - sponges

Description	Diameter (mm)	Thickness (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Sponge Red Coarse 140 / 20 mm	140	20	2	1	**4932492310**	4058546416775
Sponge Red Coarse 140 / 25 mm	140	25	2	1	**4932492319**	4058546416867
Sponge Red Coarse 160 / 20 mm	160	20	2	1	**4932492316**	4058546416836
Sponge Yellow Fine 140 / 20 mm	140	20	2	1	**4932492311**	4058546416782
Sponge Yellow Fine 140 / 25 mm	140	25	2	1	**4932492320**	4058546416874
Sponge Yellow Fine 160 / 20 mm	160	20	2	1	**4932492317**	4058546416843
Sponge Blue Ultra Fine 140 / 20mm	140	20	2	1	**4932492312**	4058546416799
Sponge Blue Ultra Fine 140 / 25 mm	140	25	2	1	**4932492321**	4058546416881
Sponge Blue Ultra Fine 160 / 20 mm	160	20	2	1	**4932492318**	4058546416850



Premium polishing accessories - cloths

Description	Length (mm)	Width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Cloth Red 400 x 400 mm	400	400	2	1	**4932492306**	4058546416737
Cloth Yellow 400 x 400 mm	400	400	2	1	**4932492307**	4058546416744
Cloth Blue 400 x 400 mm	400	400	2	1	**4932492308**	4058546416751







Premium Polishing Accessories - compounds

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Compound Red Coarse 1l Polish 1500 compound. A coarse 1500 grit polish for removing deep scratches without damaging the lacquer. Suitable for removing dust grains, orange peel texture, lacquer/paints runs and deep scratches. Free of wax, silicone and toxic solvents. Recommended for use with polishing red hard coarse sponge and red cloth.	1	1	**4932492300**	4058546416676
Compound Yellow Fine 1l Polish 2000 compound. A coarse 2000 grit polish for removing fine scratches without damaging the lacquer. Free of wax, silicone and toxic solvents. Recommended for use with polishing yellow soft fine sponge and yellow cloth.	1	1	**4932492301**	4058546416683
Compound Blue Ultra Fine 1l Polish compound 3000. A medium fine compound with 3000 grit for removing fine scratches, holograms and swirls. Free of silicone. Recommended for use with polishing super fine blue sponge and blue microfibre polishing cloth.	1	1	**4932492302**	4058546416690





Hook & Loop Ø 125 mm

	Description	Diameter (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Polishing backing pad with M14 thread. Very flat design with excellent flexibility. Low vibration allows precise work on any flat and curved profiles	125	-	1	1	**4932430394**	4002395380558
②	Lambswool polishing disc. 100% natural lambswool. Premium quality with extremely high fibre density for longer lifetime. Integrated soft touch layer guarantees perfect adjustment to flat and curved profiles. For finishing old and fresh paint. Extremely good polishing of temperature sensitive clear lacquers thanks to heat resistant fibres, e.g. polishing car bumper	135	25	1	1	**4932430395**	4002395380565
③	Microfibre polishing cloth. Super-soft premium microfibre polishing cloth for finishing gloss polishing. With good absorption properties perfectly suited for final finishing and removing water spots from sensitive surfaces. Machine-washable with 30° without softener	-	-	1	1	4932430398	4002395380596





Polishing accessories - hook & loop Ø 125/150 mm

	Description	Diameter (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Polishing backing pad. Application: Reception of felt / lambswool polishing discs and sponges. Characteristics: M14 thread, break resistant with integrated soft and flexible foam layer, Hook & Loop fixation	150	25	1	1	**4932373161**	4002395347285
②	Felt polishing disc. Application: second polishing / finish of new lacquer work (spray mist and inclusion of dust), non ferrous metals and stainless steel, can also be used with polishing paste. Requires polishing backing	150	25	1	1	**4932373163**	4002395347902
③	Lambswool polishing disc. Finishing high gloss polishing	150	25	1	1	**4932373164**	4002395347926
④	Polishing sponge hard. Polish up of weather-beaten lacquer, lacquer re-conditioning	150	50	1	1	**4932373165**	4002395347940
⑤	Polishing sponge soft. Second polish of lacquer, lacquer care	150	50	1	1	**4932373186**	4002395347964







Spot polisher

	Description	Diameter (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Polishing / Sanding backing pad. Thread: M9 x 0.75. Hook and loop fixation. For use with polishing sponges and abrasive paper	76		1	1	**4932430488**	4002395381494
②	Polishing sponge - Hard (yellow). Hard sponge for use with more aggressive polish for removal of deep scratches. Hook and look fixation. For use with polishing / sanding backing pad	75	25	1	1	**4932430489**	4002395381500
③	Polishing sponge - Soft (white). Soft sponge for use with light polish for removal of small scratches. Hook and loop fixation. For use with polishing / sanding backing pad	80	25	1	1	**4932430490**	4002395381517
④	Lambswool polishing pad. Hook and loop fixation. For use with polishing / sanding backing pad	80		1	1	**4932430838**	4002395385003
⑤	Fibre disc backing pad. Thread: M9 x 0.75 to affix to tool. Knurled thread to fix coated abrasives and surface finishing products for coarse sanding applications, such as rust removal. Ideal for sanding small or awkward to reach areas such as pinch welds, door shuts and wheel arches	46		1	1	**4932430492**	4002395381531

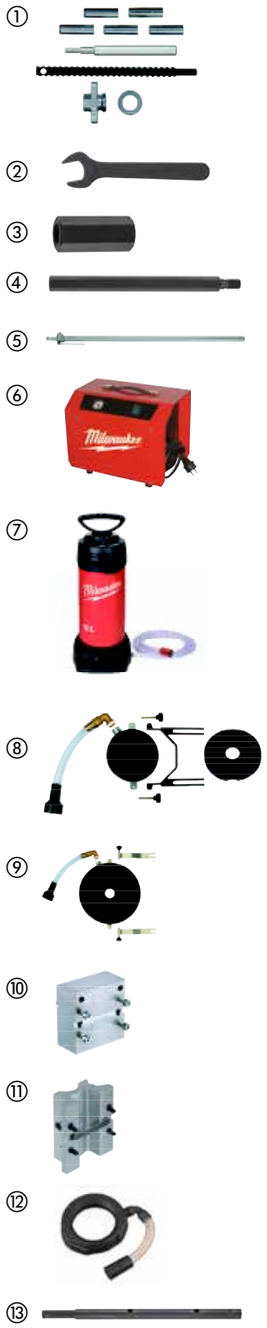






System attachments - wet diamond drilling

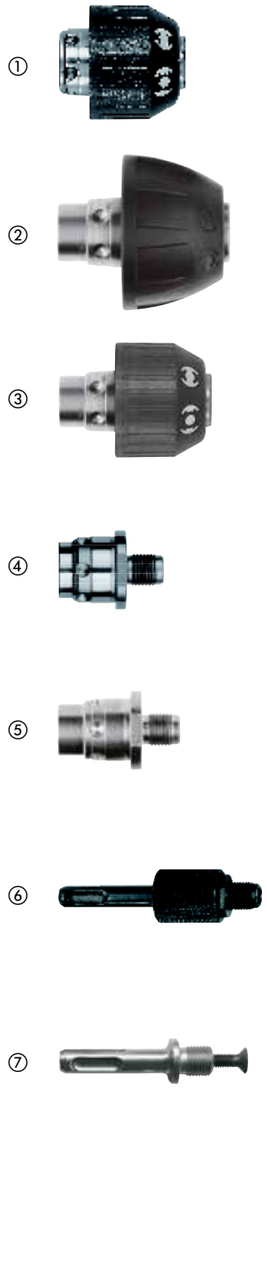
	Description	Fits DD3-152	Fits DCM2-250C & DCM2-350C	Fits MXF DCD150	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Fixing kit Stud bolt, setting tool, wing nut, washer and 5 pcs M12 drop anchor	✔	✔	✔	9	1	**4932399731**	4002395363827
②	1 3/8″ open ended spanner. For holding the motor output spindle while removing a core bit		✔		1	1	**49964705**	045242222766
	32 mm ended spanner. For holding the motor output spindle while removing a core bit.	✔			1	1	**4931428009**	4002395844791
	41 mm open ended spanner. For removing the core bit from the motor spindle.	✔	✔		1	1	**4931428010**	4002395844807
③	1 1/4″ female to 1/2″ female adaptor: To enable the connection of <50 mm diamond core bits on a 1 1/4″ machine spindle thread	✔	✔		1	1	**4932352627**	4002395372850
④	1 1/4″ female / male extention rod, length 300 mm	✔	✔	✔	1	1	**4932399724**	4002395363759
	1 1/4″ female / male extention rod, length 500 mm	✔	✔	✔	1	1	**4932399725**	4002395363766
⑤	Telescopic extention. Extension pole used to fix drill rig to the ground instead of anchor bolts. Maximum load of 500 kg and adjustable extension height from 1.8-2.9 m	✔	✔	✔	1	1	**4932399732**	4002395363834
⑥	Vacuum pump VP6	✔	✔	✔	1	1	**4932352094**	4002395367474
⑦	WT 10 watertank	✔	✔	✔	1	1	**4932399726**	4002395363773
⑧	Water collection ring: For use with drill rig DR 152 T. For use with max. Ø 152 mm core bits				1	1	**4932478073**	4058546340063
⑨	Water collection ring: max. Ø 180 mm			✔	1	1	**4932399727**	4002395363780
	Replacement rubber ring for DR 250 TV			✔	1	1	**4932399729**	4002395363803
⑩	Water collection ring: For use with drill rig DR 350 T. For use with max. Ø 300 mm core bits				1	1	**4932399728**	4002395363797
	Replacement rubber ring for DR 350 T				1	1	**4932399730**	4002395363810
⑪	Quick connection motor mounting plate. Included in both drill rigs DR 250 TV and DR 350 T		✔		1	1	**4932399733**	4002395363841
⑫	Water collection ring: For universal use with diamond drilling tools. For use with max. Ø 152 mm core bits	✔	✔	✔	1	1	**4932478073**	4058546340063
⑬	Guide rod for DD3-152. Requires SDS-plus pilot drill (Ø 8 x 110 mm)	✔	✔	✔	1	1	**4932352679**	4002395373376



Rotary hammers - System attachments

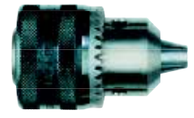
Rotary hammer chuck adaptors

	Tool Drive	Reception	Id. No. 4932	EAN Code 4002395
①	FIXTEC	SDS-Plus	**379877**	346561
②	FIXTEC	SDS-Plus	**399152**	357628
③	FIXTEC	SDS-Plus	**352299**	369584
④	FIXTEC	½″x20 UNF	**371807**	344710
⑤	FIXTEC	½″x20 UNF	**399154**	357635
	Only suitable for PLH 16 QEX, V28 HX, V18 HX, PLH 26 QEX, PH 30 Power X, KH 26 XE, KH 24 XE, KH 28 Super XE, BH 26 LXE and PH 26 X.			
⑥	SDS-Plus	½″x20 UNF	**367438**	337668
	Chuck adaptor with direct bit reception (¼″ Hex) to accept screwdriving bits. Threaded housing enables adaptor to be tightened to the chuck resulting in no wobble.			
⑦	SDS-Plus	½″x20 UNF	**367166**	334438
	Chuck adaptor with retaining screw.			



Keyed chucks

Chuck jaws open (mm)	Drill reception	Locking device	Safety screw	Rotary drill	Percussion drill	Battery drill	Chuck key	Pack quantity	Min. order quantity	Article Number	EAN Code
1.5-13	1/2" x 20		✔	✔	✔	✔	A	1	1	**4932267980**	4002395300488
3.0-16	Taper B16			✔			C	1	1	**4932127010**	4002395306169
3.0-16	M18 x 2.5	✔	✔	✔	✔		C	1	1	**4932320014**	4002395310784



Keyed chucks - machine specific

Chuck jaws open (mm)	Drill reception	Fits Milwaukee Drill Drivers	Safety screw	Chuck key	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0-10	3/8" x 24	HDE 6 RQ	✔	H	1	1	**48660817**	045242155705



Keyed chucks with ¼" Hex reception

Chuck jaws open (mm)	Drill reception	Battery drill	Chuck key	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0-10	1/4" Hex	✔	A	1	1	**4932314867**	4002395300112



Chuck keys

	Description	Type	Ref. No.	Pack quantity	Min. order quantity	Article Number	EAN Code
		A	S2A	1	1	**4932221378**	4002395302765
		B	S2AT	1	1	**4932310612**	4002395309177
		C	S3T	1	1	**4932221379**	4002395306381
		D	S14	1	1	**4932304684**	4002395300105
①	**Chuck key**	E	S4	1	1	**4932221380**	4002395306398
		G	S2	1	1	**4932319995**	4002395303724
		H		1	1	**48663350**	045242157600
		J		1	1	**48663240**	045242157501
		K		1	1	**48663280**	045242157556
②	Morse taper No. 3 adaptor for chucks with B16 taper	MT3 - B16		1	1	**4932117042**	4002395305834
	Ejector tool DIN 317 size 3			1	1	**4932604226**	4002395311248





* while stocks last

Keyless chucks

Keyless chucks 2 sleeves

Chuck jaws open (mm)	Reception	Locking device	Safety screw	Rotary drill	Percussion drill	Battery drill	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0-10	3/8" x 24		✔	✔		✔	1	1	**4932349457**	4002395318155
1.0-10	½" x 20	✔	✔	✔	✔	✔	1	1	**4932364382**	4002395337675
1.5-13	½" x 20	✔		✔	✔	✔	1	1	**4932376531**	4002395346332
1.5-13	½" x 20	✔	✔	✔	✔	✔	1	1	**4932376533**	4002395346349
1.5-13	½" x 20	✔		✔	✔	✔	1	1	**4932364265**[1]	4002395334056
1.5-13	½" x 20	✔	✔	✔	✔	✔	1	1	**4932364267**	4002395334070

[1] Industrial quality



Keyless chucks for FIXTEC (spindle lock) machines

Chuck jaws open (mm)	Reception	Locking device	Safety screw	Rotary drill	Percussion drill	Battery drill	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0-10	3/8" x 24	✔	✔	✔	✔	✔	1	1	**4932371018**	4002395339365
1.0-10	½" x 20	✔	✔	✔	✔	✔	1	1	**4932372443**	4002395345458
1.5-13	½" x 20	✔	✔	✔	✔	✔	1	1	**4932371913**	4002395345366
1.5-13	3/8" x 24	✔	✔	✔	✔	✔	1	1	**4932399492**	4002395361137
1.5-13	9/16" x 18	✔	✔	✔	✔	✔	1	1	**4932478806**[1]	4058546360887

[1] Fits M18 FDD(2)/ M18 FPD(2)



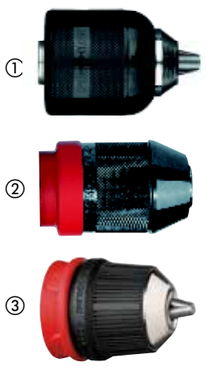
Industrial keyless chucks for corded percussion drills

Chuck jaws open (mm)	Reception	Locking device	Rotary drill	Percussion drill	Battery drill	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0-13	½" x 20	✔	✔	✔		1	1	**4932364266**	4002395334063



Keyless chucks - specific tool related chucks

	Chuck jaws open (mm)	Reception	Machine specific	Locking device	Rotary drill	Safety screw	Pack quantity	Min. order quantity	Article Number	EAN Code
①	1.0-10	½" x 20	HDE 10 RQX			✔	1	1	**48661520**	045242156795
①	1.5-13	½" x 20	HDE 13 RQX			✔	1	1	**42660755**	4002395891436
②	1.5-13	FIXTEC		✔	✔		1	1	**4932399214**	4002395358236
③	1.0-10	FIXTEC	M12 BDDX		✔		1	1	**4932430444**	4002395381050



System attachments - planers

Description	All planers 82 & 102mm	Pack quantity	Min. order quantity	Article Number	EAN Code
Parallel guide	✔	1	1	**4932274071***	4002395300358
Folding rebate depth gauge. For all planers except H500 / PR 1.6-82 models	✔	1	1	**4932274069**	4002395300129

Planer blades

Description	Width (mm)	Fits planers	Pack quantity	Min. order quantity	Article Number	EAN Code
Tungsten carbide reversible blades. Two reversible blades, suitable for soft and hardwoods	56.1 mm	M12 BLP	2	1	**4932493399**	4058546482701
	82 mm	M18 BP, H 500, H 750	2	1	**4932273484**	4002395300150
	102 mm	HB 750, HBE 800	2	1	**4932316243**	4002395300167



HAND TOOLS











MEASURING, MARKING & LEVELS

STEP UP WITH MILWAUKEE® TAPES

LED MAGNETIC



- INTEGRATED 100 LUMEN LED WITH 2.5 HOURS OF RUN-TIME
- FINGER STOP
- STRAIGHTEST STANDOUT
- USB CHARGING PORT
- IP54 RATED
- MAGNETIC
- 30MM BLADE WIDTH
- 4.5M STANDOUT

COMMERCIAL CONSTRUCTION

WIDE BLADE



- WIDEST BLADE
- 35MM BLADE WIDTH
- LONGEST STRAIGHTEST STANDOUT
- IMPACT RESISTANT
- DUAL SIDE PRINT
- FINGER STOP
- NYLON BLADE COATING
- 5M STANDOUT

FRAMING / WOODEN BEAM ENVIRONMENTS

WIDE BLADE MAGNETIC



- WIDEST BLADE
- 35MM BLADE WIDTH
- MAGNETIC
- LONGEST STRAIGHTEST STANDOUT
- IMPACT RESISTANT
- DUAL SIDE PRINT
- FINGER STOP
- NYLON BLADE COATING
- 5M STANDOUT

METAL FRAMING / COMMERCIAL CONSTRUCTION

STUD



- EXO 360 RIP & WEAR RESISTANT BLADE TECHNOLOGY
- SMOOTHEST BLADE RETRACTION
- MOST DURABLE DOUBLE SIDED ANTI TEAR COATING
- FINGER STOP
- STRAIGHT STANDOUT
- DUAL SIDE PRINT
- HIGH-VIS BLADE
- IMPACT RESISTANT
- 33MM BLADE WIDTH
- 4.5M STANDOUT

OUTDOOR GROUNDWORK

SLIM



- SLIMMEST DESIGN
- IMPACT RESISTANT
- NEW WIRE FORM CLIP
- ERGONOMIC GRIP
- 2.5M STANDOUT

FINISHED SPACES & MOST TRADES

COMPACT



- SIDE STANDOUT UP TO 2M
- FINGER STOP
- ANTI TEAR COATING
- IMPACT RESISTANT
- NEW WIRE FORM CLIP
- 25MM BLADE WIDTH
- 3.2M STANDOUT

FINISHED SPACES

AUTOLOCK



- SIDE STANDOUT UP TO 2M
- AUTOLOCK
- ANTI TEAR COATING
- IMPACT RESISTANT
- NEW WIRE FORM CLIP
- 25MM BLADE WIDTH
- 3.2M STANDOUT

FINISHED SPACES

MAGNETIC



- DUAL SIDE PRINT
- FINGER STOP
- STRAIGHTEST STANDOUT
- DOUBLE SIDED ANTI TEAR COATING
- MAGNETIC
- IMPACT RESISTANT
- 30MM BLADE WIDTH

COMMERCIAL CONSTRUCTION

STUD™ Tape Measure (Gen 3)

NEW

STUD



- High-Vis blade color for improved readability, specially developed for outdoor/groundwork applications.
- Longest lasting blade with EXO 360™ rip & wear resistant full nylon blade coating.
- Smoothest blade retraction for less blade bending in harsh groundwork conditions.
- Impact resistant body for the toughest conditions on the job site.
- Highest blade durability with Double-Sided Anti-Tear coating for the first 15 cm of the blade.
- Blade width of 33 mm ensures blade stability and stiffness.
- Finger-Stop feature for quick, controlled retraction of the blade.
- Standout: Measure distances in the air of up to 4.5 m.
- Double-Sided printing with vertical and horizontal scale for versatile measurements.
- Architectural scale to measure scaled drawings, such as blueprints.

EXO 360° BLADE TECHNOLOGY

Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
5	33	1	6	**4932498763**	4058546526320
5 / 16ft	33	1	6	**4932498764**	4058546526337
8	33	1	6	**4932498765**	4058546526344
8 / 26ft	33	1	6	**4932498766**	4058546526351
10	33	1	6	**4932498767**	4058546526368



Tape Measure WIDE BLADE (Gen II) NEW

WIDE BLADE
WIDE BLADE



- Longest Standout: Measure distances in the air of up to 5 m.
- Straightest Standout for more precise measurement of long distances in the air.
- The widest blade on the market at 35 mm provides more stability and stiffness of the blade.
- Finger-Stop feature for quick, controlled retraction of the blade.
- Improved blade durability with Double-Sided Anti-Tear coating for the first 15 cm of the blade.
- Long-lasting blade with full nylon extrusion coating.
- Impact resistant body for the toughest conditions on the job site.
- Double-Sided printing with vertical and horizontal scale for versatile measurements.
- Architectural scale to measure scaled drawings, such as blueprints.

Length (m)	Blade width (mm)	Magnetic	Pack quantity	Min. order quantity	Article Number	EAN Code
5	35		1	6	**4932499203**	4058546563677
5 / 16ft	35		1	6	**4932499204**	4058546563684
8	35		1	6	**4932499205**	4058546563691
8 / 26ft	35		1	6	**4932499206**	4058546563707
5	35	✔	1	6	**4932499207**	4058546563714
5 / 16ft	35	✔	1	6	**4932499208**	4058546563721
8	35	✔	1	6	**4932499209**	4058546563738
8 / 26ft	35	✔	1	6	**4932499210**	4058546563745

Tape Measure MAGNETIC (Gen IV) NEW

MAGNETIC



- Standout: Measure distances in the air of up to 4.5 m.
- Straighter stiffer blade for more precise measurement of long distances in the air.
- Blade width of 30 mm ensures blade stability and stiffness.
- Smoothest blade retraction with more speed and less blade rollover.
- Finger-Stop feature for quick, controlled retraction of the blade.
- Highest blade durability with Double-Sided Anti-Tear coating for the first 15 cm of the blade.
- Impact resistant body for the toughest conditions on the job site.
- Double-Sided printing with vertical and horizontal scale for versatile measurements.
- Architectural scale to measure scaled drawings, such as blueprints.
- Strong magnetic hook for maximum holding power.

Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
5	30	1	6	**4932498768**	4058546526375
5 / 16ft	30	1	6	**4932498769**	4058546526382
8	30	1	6	**4932498770**	4058546526399
8 / 26ft	30	1	6	**4932498771**	4058546526405

Tape Measure AUTOLOCK (Gen II) NEW

AUTO-LOCK



- Longest side standout feature to measure sideways with up to 2m.
- Autolock feature locks the blade automatically for more blade control.
- Standout: Measure distances in the air of up to 3.2 m.
- Wire-form belt clip to reduce pocket wear and tear.
- Ergonomic design for more control and grip.
- Anti-Tear coating for the first 15 cm of the blade for more durability.
- Lanyard hole for secure attachment.

Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
5	25	1	6	**4932498772**	4058546526412
8	25	1	6	**4932498774**	4058546526436

Tape Measure COMPACT (Gen II) NEW

COMPACT



- Longest side standout feature to measure sideways with up to 2m.
- Finger-Stop feature for quick, controlled retraction of the blade.
- Standout: Measure distances in the air of up to 3.2 m.
- Wire-form belt clip to reduce pocket wear and tear.
- Ergonomic design for more control and grip.
- Anti-Tear coating for the first 15 cm of the blade for more durability.
- Lanyard hole for secure attachment.

Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3	19	1	12	**4932498776**	4058546526450
5	25	1	12	**4932498778**	4058546526474
5 /16ft	25	1	12	**4932498779**	4058546526481
8	25	1	6	**4932498780**	4058546526498
8 /26ft	25mm	1	6	**4932498781**	4058546526504

LED Magnetic Tape Measure 7.5 m

- 100 Lumens LED light, to illuminate up to 3 m work area.
- Conveniently charge MILWAUKEE® Rechargeable internal battery with included micro-USB cable.
- Charging indicator red/ orange/ green to be able to read out the charging status of the battery.
- 2.5 hour of battery run time.
- 30 mm blade with double sided printing on tape for easier readability and architect scale provides easy calculating of scaled drawings.
- Improved standout up to 4.6 m.
- Finger stop for comfortable hold and finger protection when the blades retracts.
- Strong magnet at start of the tape allows easy hooking onto flat surfaces and round pipe.
- Overmold gripping area for extra comfort and durability.
- Anti-tear coating - reinforces the first 15 cm of the blade.
- Nylon non-reflective bond blade protection, up to 10x more resistant to jobsite damage.
- Class II accuracy.



Description	Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
LED Magnetic Tape Measure 7.5 m	7.5	30	1	6	**4932492469**	4058546418366

Tape measure with LED Light

- 19 LUX LED Light: helps finding measured spot.
- Nylon lacquer blade protection against debris, dirt and water.
- 4 Point reinforced housing for outstanding tape lifetime.
- ABS housing with impact resistant overmold for more comfort and jobsite durability.
- Compact design and comfortable size.
- Magnet on the rear side of the tape for attaching to metal tool boxes and other metal surfaces.
- 2x CR2016 batteries are included in the delivery scope.
- Class II accuracy.
- Bulk packed, order in multiples of 12 pcs.



Description	Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3 m/ 10 ft tape measure with LED	3	12	1	12	**4932501678**	4058546643942

Tape Measure SLIM (Gen II)

NEW

SLIM



- Most compact design - ideal for measurements in confined spaces.
- Ergonomic design for more control and grip.
- Highest Durability with impact resistant body.
- New wire-form belt clip to reduce pocket wear and tear.
- Lanyard hole for secure attachment.

Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3	16	1	12	**4932498782**	4058546526511
5	19	1	12	**4932498783**	4058546526528
8	25	1	12	**4932498785**	4058546526542

Tape measure - 2 m / 6 ft



- 5-point reinforced frame for job site durability.
- Heavy duty blade with 13 mmblade width.
- Double sided nylon bond blade protection for extreme tape durability against dust, dirt, debris and water.
- Compact design and overmould gripping area for extra comfort and durability.
- Bulk packed, order in multiples of 12 pcs.

Description	Length (m)	Pack quantity	Min. order quantity	Article Number	EAN Code
2 m/ 6 ft metric & imperial tape measure	2	1	12	**4932501679**	4058546643959

Pipe Groove Tape Measure

NEW

- Dual-Sided Blade Printing: Go/No-Go Gauge and 1/100in scale.
- 5-Point reinforced body delivers tough protection against drops and impacts.
- Durable blade protection for reduces wear and tear.
- High contrast white blade color for improved readability.
- Keychain and magnet for easy storage.





Description	Magnetic	Pack quantity	Min. order quantity	Article Number	EAN Code
Pipe Groove Tape Measure	✔	1	1	**4932500648**	4058546619503

Composite folding rule

- Locks at 90°/180°.
- Angle reference, rust free.
- Water resistant.
- Wear resistant markings.



Description	Length (m)	Blade width (mm)	Accuracy	Links	Hinge	Pack quantity	Min. order quantity	Article Number	EAN Code
Composite folding rule	2	15 x 3.20	Class 2	10	Plastic and stainless steel	1	10	**4932459301**	4058546002671

Wood folding rule

- Locks at 90°/180°.
- Angle reference.



Description	Length (m)	Blade width (mm)	Accuracy	Links	Hinge	Pack quantity	Min. order quantity	Article Number	EAN Code
Wood folding rule	2	16 x 3.20	Class 3	10	Brass	1	10	**4932459302**	4058546002688

Slim wood folding rule

- Locks at 180°.
- Flexible slim design.



Description	Length (m)	Blade width (mm)	Accuracy	Links	Hinge	Pack quantity	Min. order quantity	Article Number	EAN Code
Slim wood folding rule	2	16 x 2.70	Class 3	10	Brass	1	10	**4932459303**	4058546002695

Long open tapes

- Steel blade design with nylon clad (extra thick nylon coating) for increased durability.
- Best in class stretch performance: up to 50% less stretch vs. fibreglass tapes.
- Ultra durable design: reinforced metal handle and drop durability.
- 3:1 clutched planetary gearing for 10x longer gear durability and smooth rewind.
- GRIME GUARD: debris wiper keeps blade clean and clear of abrasive material.
- Class II accuracy.
- 2 sided scale printing. Metric measurements shown on the top side and imperial (inches and feet) on the underside of the blade.

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	Description	Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Long open tape combi 30 m/ 100 ft	30	13	1	1	**4932501121**	4058546624231
②	Long open tape combi 100 m/ 330 ft	100	9.5	1	1	**4932501122**	4058546624248

Fibreglass long tapes

- Fibreglass blade ensures a low tape weight.
- 3:1 clutched planetary gearing for 10x longer gear durability and smooth rewind.
- GRIME GUARD: debris wiper keeps blade clean and clear of abrasive material.
- 2 sided scale printing. Metric measurements shown on the top side and imperial (inches and feet) on the underside of the blade.

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	Description	Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Fibreglass long tape combi 30 m/ 100 ft	30	13	1	1	**48225330**	045242527731
②	Fibreglass long tape combi 60 m/ 200 ft	60	13	1	1	**48225360**	045242527748

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Long closed tapes

- Single sided 30 m metric tape with 9.5 mm blade width.
- GRIME GUARD: debris wiper keeps blade clean and clear of abrasive material.
- Ultra durable design: reinforced metal frame housing, reinforced handle and steel blade with nylon coating.
- 3:1 clutched planetary gearing for 10x longer gear durability and smooth rewind.
- Class II accuracy.



Description	Length (m)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Long closed tape 30 m	30	9.5	1	1	**4932501123**	4058546624255

30 m Laser distance meter

NEW

- Easy to use one person point and shoot system
- IP54 water & dust protection
- Auto shut off and low power indication
- Metric & Imperial units of measurement
- Very slim housing design with belt clip for easy transport
- Two easy to touch measure buttons on the front and side of the housing
- Enables user to perform single measurements & continuous tracking
- Large 3 line LCD graphical display with automatic white backlight
- Display shows last three measurements



Description	Dimensions (Outer) (H x W x D / mm)	Range (m)	Pack quantity	Min. order quantity	Article Number	EAN Code
30 m Laser distance meter	101 x 38 x 28	0.15 - 30	1	1	**4933459276**	4058546002428

50 m Laser distance meter

NEW

- Easy to use one person point and shoot system
- Very slim housing design with belt clip for easy transport
- Area/volume/indirect height and patent pending surface measurement
- Min/Max sweep & continuous tracking
- Distance addition & subtraction for layouting
- Indirect height measurements (Pythagoras 2-point, 3-point, partial height)
- Large 3 line LCD graphical display with automatic white backlight
- Fold-out end piece for diagonal corner measurements
- Memory recall for the last 20 measurements
- IP54 water & dust protection
- Auto shut off and low power indication
- Metric units of measurement only



Description	Dimensions (Outer) (H x W x D / mm)	Range (m)	Pack quantity	Min. order quantity	Article Number	EAN Code
50 m Laser distance meter	119 x 40 x 32	0.05 - 50	1	1	**4933447700**	4002395006540

Digital levels







- PINPOINT measurement technology provides layers of information to include numeric, graphic, color and audio for advanced readability.
- PIN Mode allows user to lock in any target within 360° for replicating measurements or finding a specific measurement.
- Powered by REDLITHIUM™ USB rechargeable battery.
- Up to 2x greater accuracy.
- Simple menu selection for quick set-up: Mode, Sensitivity, Tolerance, Power and Language.
- Tolerance can be adjusted for precision, standard and rough-in work.
- IP65 rated protects against job site debris.
- Accurate to: 0°, 90°/0.03° and 1°-89°/0.10°.
- Durable all-metal hang hole for easy storage.

Description	Length (cm)	Handles	Pack quantity	Min. order quantity	Article Number	EAN Code
Digital level 60 cm	60	0	1	1	**4933471978**	4058546298777
Digital level 120 cm	120	2	1	1	**4933471979**	4058546298784

Digital Angle Gauge

- Real-time measurements for quicker readings and to save time by reducing unnecessary screen delays.
- Easy digital navigation with an auto-rotating LCD screen.
- Angle assist arrows that point to the nearest 90-degree for quick angle finding.
- Auto-shutoff feature saves battery life.
- Hold mode to fix the current measured value in the display.
- Magnet to securely attach to metal surfaces for increased productivity.
- Compact design for lightweight and handy use.
- Accuracy ±0.1° at 0° and 90°; ±0.2° between 1°and 89°.
- Includes a soft carrying case for easy and convenient storage and 2 x AAA batteries.





Description	Min. order quantity	Pack quantity	Article Number	EAN Code
Digital Angle Gauge	1	1	4932493656	4058546485276

Expandable level



- Cover any length from 200 cm - 366 cm with laser etched measurements.
- SHARPSITE™ vial technology improves the readability of the vial.
- Reinforced internal components protect the level from damage or wear.
- Precision milled measuring surface provides accuracy in all working positions.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m) in normal and reverse position.
- High contrast vial system is easy to clean and optimises visibility.
- Full grip frame for improved ergonomics in transport & application.
- Secure tool-removable stand offs.



Description	Length (cm)	Handles	Pack quantity	Min. order quantity	Article Number	EAN Code
Expandable 200 cm - 366 cm	200 - 366	2	1	1	**4932471355**	4058546289836

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REDSTICK™ BACKBONE™ box levels



- Reinforced BACKBONE™. Strong and durable frame. Reinforced vial retention.
- SHARPSITE™ vial technology improves the readability of the vial.
- Wide, durable handles for comfort and portability.
- Precision milled measuring surface provides accuracy in all working positions.
- High contrast vial system is easy to clean and optimises visibility.
- Shock absorbing end caps protect the frame.
- Overmolded, non-slip grips stick to the wall and prevent sliding.
- Durable, all-metal hang hole for storage.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m) in normal and reverse position.
- Amplified rare earth magnets for maximum holding power (only magnetic levels).

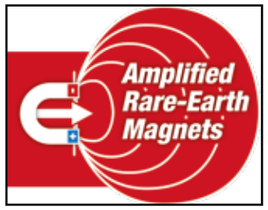




Strong and durable frame, reinforced BACKBONE™



SHARPSITE™ vial technology improves the readability of the vial



Amplified rare earth magnets for maximum holding power (only magnetic levels)

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Description	Length (cm)	Handles	Pack quantity	Min. order quantity	Article Number	EAN Code
40 cm magnetic	40	0	1	1	**4932459061**	4002395280322
60 cm magnetic	60	0	1	1	**4932459063**	4002395280346
80 cm magnetic	80	1	1	1	**4932459065**	4002395280360
100 cm magnetic	100	0	1	1	**4932459067**	4002395280384
120 cm magnetic	120	2	1	1	**4932459069**	4002395281008
180 cm magnetic	180	2	1	1	**4932459071**	4002395281046
200 cm magnetic	200	2	1	1	**4932459073**	4002395281060
240 cm magnetic	240	2	1	1	**4932459075**	4002395281084
40 cm non-magnetic	40	0	1	1	**4932459060**	4002395280315
60 cm non-magnetic	60	0	1	1	**4932459062**	4002395280339
80 cm non-magnetic	80	1	1	1	**4932459064**	4002395280353
100 cm non-magnetic	100	0	1	1	**4932459066**	4002395280377
120 cm non-magnetic	120	2	1	1	**4932459068**	4002395280391
180 cm non-magnetic	180	2	1	1	**4932459070**	4002395281015
200 cm non-magnetic	200	2	1	1	**4932459072**	4002395281053
240 cm non-magnetic	240	2	1	1	**4932459074**	4002395281077
End-caps for REDSTICK™ BACKBONE™ levels			2	1	**4932459680**	4058546028527

REDSTICK™ compact box levels





- SHARPSITE™ vial technology improves the readability of the vial.
- Compact and durable frame.
- Bottom milled measuring surface provides maximum accuracy.
- High contrast vial system is easy to clean and optimises visibility.
- Amplified rare earth magnets for maximum holding power (only magnetic levels).
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/m) in standard position.
- Shock absorbing rubber end caps.

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Description	Length (cm)	Handles	Pack quantity	Min. order quantity	Article Number	EAN Code
40 cm magnetic	40	0	1	1	**4932459079**	4002395281725
60 cm magnetic	60	0	1	1	**4932459081**	4002395281749
80 cm magnetic	80	0	1	1	**4932459083**	4002395281763
100 cm magnetic	100	0	1	1	**4932459085**	4002395281787
120 cm magnetic	120	0	1	1	**4932459087**	4002395282401
180 cm magnetic	180	0	1	1	**4932459089**	4002395282425
40 cm non-magnetic	40	0	1	1	**4932459078**	4002395281718
60 cm non-magnetic	60	0	1	1	**4932459080**	4002395281732
80 cm non-magnetic	80	0	1	1	**4932459082**	4002395281756
100 cm non-magnetic	100	0	1	1	**4932459084**	4002395281770
120 cm non-magnetic	120	0	1	1	**4932459086**	4002395281794
180 cm non-magnetic	180	0	1	1	**4932459088**	4002395282418
End-caps for REDSTICK™ compact levels			2	1	**4932459681**	4058546028534

Slim box levels



- 2 solid acrylic vials. Shockproof and UV resistant.
- Precision milled measuring surface up to 120 cm provides maximum accuracy.
- Shock absorbing end caps.
- Durable hang hole for storage.
- VPA third party certificate on accuracy.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m) in standard position.



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	Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
	20 cm magnetic	20	1	10	**4932478897**	4058546361792
	40 cm magnetic	40	1	1	**4932464854**	4058546227999
	60 cm magnetic	60	1	1	**4932464855**	4058546228002
	100 cm magnetic	100	1	1	**4932464856**	4058546228019
	180 cm magnetic	180	1	1	**4932464857**	4058546228026
①	20 cm non-magnetic	20	1	10	**4932472091**	4058546324872
	40 cm non-magnetic	40	1	1	**4932459090**	4002395282432
	60 cm non-magnetic	60	1	1	**4932459091**	4002395282449
	80 cm non-magnetic	80	1	1	**4932459092**	4002395282456
	100 cm non-magnetic	100	1	1	**4932459093**	4002395282463
	120 cm non-magnetic	120	1	1	**4932459094**	4002395282470
	180 cm non-magnetic	180	1	1	**4932459095**	4002395282487
	200 cm non-magnetic	200	1	1	**4932459590**	4058546027629

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I-beam levels



- Lightweight reinforced aluminium frame.
- Magnetic edge allows hands free use when working with metal.
- Accurate to 0.029° (0.0005 ″/in, 0.5 mm/ m) in normal and reverse position.
- Pitch vial for easy reading of 1 and 2 degree pitch.
- High contrast vial surrounds for maximised visibility.
- Shock absorbing end caps.



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Description	Length (cm)	Handles	Pack quantity	Min. order quantity	Article Number	EAN Code
I-Beam level magnetic - 60 cm	60	1	1	1	**4932478565**	4058546347581
I-Beam level magnetic - 120 cm	120	2	1	1	**4932478566**	4058546347598
I-Beam level magnetic - 200 cm	200	2	1	1	**4932478567**	4058546347604

REDCAST die-cast levels



- 2 solid acrylic vials. Shockproof and UV resistant.
- 2 heavy duty cast aluminium „anvil“ strike pads for trowel blows during tile work.
- Drill bit diameter gauge in the level‘s profile from 5 to 12 mm.
- Precision milled measuring surface provides maximum accuracy.
- Durable hang hole for storage.
- VPA third party certificate on accuracy.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m).



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Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
REDCAST die-cast level 60 cm	60	1	1	**4932459098**	4002395283118
REDCAST die-cast level 80 cm	80	1	1	**4932459099**	4002395283125

Block torpedo level



- SHARPSITE™ vial technology improves the readability of the vial.
- Locking 360° adjustable vial. Identify and repeat any angle needed on the jobsite. Lock vial in place to keep accuracy in and out of pocket/ pouch.
- Amplified rare earth magnets for maximum holding power.
- Reinforced plumb vials. Solid, acrylic block vials offer maximum durability.
- Die cast aluminium body withstands the conditions of the jobsite.
- Precision milled measuring surface provides maximum accuracy.
- Lanyard hole for use with all most prevention programs.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m).



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Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Block torpedo level	25	1	1	**4932459096**	4002395282494

Billet torpedo level



- Amplified rare earth magnets for maximum holding power.
- Maximised viewing area. Easily read slope in 1/8″ or 1/4″ per foot in either direction.
- Reinforced acrylic vials offer maximum durability.
- Weld clearance. Easily level over weld joints in pipes and other materials.
- Optimised V-groove design for stability on non-ferrous pipes.
- Laser etched ruled edge for quick measurements on material.
- Slim, tapered design for easy sliding in and out of pockets and pouches.



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Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Billet torpedo level	17	1	1	**4932459097**	4002395283101

LED Torpedo Level

- 2 x LED-integrated Hi-vis spirit vials ensure perfect readability in poor lighting conditions.
- High contrast vial surrounds increase vial visibility.
- Amplified rare earth magnets for maximum holding power.
- Optimized V-groove working edge for stability on pipes and conduits.
- Durable aluminum frame for the conditions on the job site.
- Slim, tapered design for easy sliding in and out of pockets and pouches.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m).



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Description	Length (cm)	LED	Magnetic	Pack quantity	Min. order quantity	Article Number	EAN Code
LED Torpedo Level	23	Yes	3 - Rare earth magnets	1	1	**4932498742**	4058546526115

Base Torpedo Level

- High contrast vial surrounds increase vial visibility.
- 3 x Hi-vis fluid vials provide improved readability and accuracy.
- Amplified rare earth magnets for maximum holding power.
- Optimized V-groove working edge for stability on pipes and conduits.
- Durable aluminum frame for the conditions on the job site.
- Slim, tapered design for easy sliding in and out of pockets and pouches.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m).

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Description	Length (cm)	Magnetic	Pack quantity	Min. order quantity	Article Number	EAN Code
Base Torpedo Level	25	3 - Rare earth magnets	1	1	**4932498716**	4058546525859

Pocket level



- 360° adjustable vial for reading angles.
- Locking mechanism for repetitive use in and out of pocket/ pouch.
- Amplified rare-earth magnets for maximum holding power.
- V-groove for leveling on pipes.
- Milled edge to ensure accuracy.
- Compact size for jobsite functionality.





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Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Pocket level	7.8	1	6	**4932459597**	4058546027698

Compact torpedo



- SHARPSITE™ pitch vial for easy reading of 1 and 2 degree pitch.
- Sub compact design for working in tight spaces.
- Optimized V-grove design for stability of rounded surfaces.
- Weld clearance to level over weld lines in pipe and other material.
- Amplified rare earth magnets for maximum holding power.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m).



Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Compact torpedo	7.6	1	1	**4932472122**	4058546325183

Minibox level



- Lightweight aluminium box profile fits easily into your tool belt or pocket.
- Solid acrylic vial. Shockproof and UV resistant vials.
- Shockproof end caps.
- Accurate to 0.029° (0.0005 ″/ in, 0.5 mm/ m) in standard position.
- VPA third party certificate on accuracy.





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Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Minibox level	10	1	10	**4932459100**	4002395283446

Chalk reel

- Extra bold lines - 2 mm thick line for maximum visibility.
- Planetray gear system for increased durability.
- 4/1 gear ratio for fast line retraction.
- Large chalk capacity.
- Easy refills due to the extra large quick turn opening.
- Easy line securing due to the line lock.



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	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	30 m large capacity chalk reel	1	1	**4932471634**	4058546295332
②	45 m large capacity chalk reel	1	1	**4932471635**	4058546295349
③	30 m replacement line chalk reel	1	1	**4932471636**	4058546295356
	45 m replacement line chalk reel	1	1	**4932471637**	4058546295363

Fine Line Chalk Reel

- 6:1 retraction ratio for fast line retraction to get the job done faster.
- Planetary gear system for increased durability.
- Flush handle storage prevents handle movement when not in use.
- Line width of 0.9mm for precise work and 30m line length.
- All metal body to protect the tool from the toughest jobsite conditions.
- Low spillage line for minimal chalk spill which reduces the clean up time.

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	Description	Colour	Min. order quantity	Pack quantity	Article Number	EAN Code
①	Fine Line Chalk Reel & Blue Chalk Refill	Blue	1	2	**4932493814**	4058546509743
②	Fine Line Chalk Reel & Red Chalk Refill	Red	1	2	**4932498390**	4058546522599



Bold Line Chalk Reel

- 6:1 retraction ratio for fast line retraction to get the job done faster.
- Planetary gear system for increased durability.
- Flush handle storage prevents handle movement when not in use.
- Line width of 1.5mm for clear visibility and 30m line length.
- Rubber overmold on the housing for improved grip and to protect from toughest jobsite conditions.

① ② 

	Description	Colour	Min. order quantity	Pack quantity	Article Number	EAN Code
①	Bold Line Chalk Reel & Blue Chalk Refill	Blue	1	2	**4932493815**	4058546509750
②	Bold Line Chalk Reel & Red Chalk Refill	Red	1	2	**4932498391**	4058546522605



Framing Square

- Reinforced, thick aluminum frame designed for superior durability.
- Laser etched markings provide superior visibility.
- Precision scribe notches for easy marking.
- Anodized surface coating protects from jobsite wear and corrosion.
- Common conversion table.
- Markings to assist in angle finding.





Description	Length (cm)	length (Inch)	Pack quantity	Min. order quantity	Article Number	EAN Code
Framing Square Metric	20 x 30	-	1	1	**4932498718**	4058546525873
	40 x 60	-	1	1	**4932472126**	4058546325220
Framing Square Imperial	-	16 x 24	1	1	**4932472125**	4058546325213

Rafter Square

- Precision scribe notches for easy marking.
- High visibility laser etched markings.
- Pipe prop to assist in cutting pipe materials.
- Increased heel width for improved grip.



Description	Length (cm)	length (Inch)	Pack quantity	Min. order quantity	Article Number	EAN Code
Rafter Square Metric	18	-	1	1	**4932472124**	4058546325206
	30	-	1	1	**4932498717**	4058546525866
Rafter Square Imperial	-	7	1	1	**4932472123**	4058546325190



INKZALL™ markers

- Stays sharp, doesn't mushroom or push back under pressure.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Marker continues to write after 72+ hours of cap off time.
- For use on concrete, wood, metal, plywood, OSB, plastic.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy open cap for one hand operation.
- Anti-Roll design - won't roll off surfaces.

Description	Colour	Tip	Pack quantity	Min. order quantity	Article Number	EAN Code
① INKZALL™ marker*	Black	1 mm	1	36	**48223100**	045242319473
② INKZALL™ marker*	Red	1 mm	1	36	**48223170**	045242355259
③ INKZALL™marker*	Blue	1mm	1	36	**4932492126**	4058546414931
④ INKZALL™marker	Green	1mm	1	36	**4932492127**	4058546414948
⑤ INKZALL™ marker with stylus	Black	1 mm	1	1	**48223101**	045242297436
⑥ INKZALL™ fine tip markers	Black	0.6 mm	4	1	**48223154**	045242479764
⑦ INKZALL™ colour markers Blue, Red, Green, Black		1 mm	4	1	**48223106**	045242333585
⑧ INKZALL™ chisel point marker	Black	1- 4,8 mm	1	1	**48223103**	045242333608

* Orders are only possible in master cartons (contains 36 x 48223100). Minum order quantity is 36 pcs (= 1 master carton). Order quantities greater than 36 pcs are to be ordered in multiples of 36 pcs (i.e. 72, 108, 144, 180...).



INKZALL™ chisel tip markers

- Marker continues to write after 72+ hours of cap off time.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- For use on concrete, wood, metal, plywood, OSB, plastic.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Easier to read from a distance due to the increased chisel tip sizes.



Description	Colour	Tip	Pack quantity	Min. order quantity	Article Number	EAN Code
① INKZALL™ black chisel tip marker L (3 pc)	Black	6.2 mm	3	1	**4932471554**	4058546294533
② INKZALL™ black chisel tip marker L	Black	6.2 mm	1	12	**4932471555**	4058546294540
③ INKZALL™ red chisel tip marker L	Red	6.2 mm	1	12	**4932471556**	4058546294557
④ INKZALL™ blue chisel tip marker L	Blue	6.2 mm	1	12	**4932471557**	4058546294564
⑤ INKZALL™ black chisel tip marker XL (1 pack)	Black	14.5 mm	1	1	**4932471558**	4058546294571
⑥ INKZALL™ black chisel tip marker XL	Black	14.5 mm	1	12	**4932471559**	4058546294588
⑦ INKZALL™ red chisel tip marker XL	Red	14.5 mm	1	12	**4932471560**	4058546294595
⑧ INKZALL™ blue chisel tip marker XL	Blue	14.5 mm	1	12	**4932471561**	4058546294601



INKZALL™ liquid paint markers

- Valve action marker.
- Durable acrylic nib for the most demanding environmental conditions: surface temperature from -10° up to + 145°.
- Marks on dark surfaces where traditional markers would not be easily visible.
- Can be used on rough, dirty and greasy surfaces.
- For use on concrete, black pipe, aluminium, PVC, steel & stainless steel, rubber and tyres.
- 10 seconds dry time.
- Water and UV resistant markings.
- Permanent markers. Markings last up to 6 months.
- Metal barrel for construction site durability.
- Xylene-free paint.
- IMPORTANT: Shake the marker with the cap on. Remove the cap and carefully pump it up and down until ink flows into the nib.





Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
① INKZALL™ liquid paint marker	Yellow	1	12	**48223721**	045242363377
② INKZALL™ liquid paint marker	White	1	12	**48223711**	045242363360
③ INKZALL™ liquid paint marker	Black	1	12	**48223731**	045242363384
④ INKZALL™liquid paint marker	Blue	1	12	**4932492144**	4058546415112
⑤ INKZALL™liquid paint marker	Red	1	12	**4932492143**	4058546415105



INKZALL™ highlighters

- Durable tip stays sharp longer.
- No smearing, doesn't bleed through.
- Non-toxic ink, ASTM D 4236 certification.
- Ideal for architectural drawings, labels, office paper.
- Anti-roll body design for better grip on smooth surfaces.
- Construction helmet clip: the INKZALL™ highlighters can be clipped to the helmet, trousers, overalls, etc.
- Lanyard hole, e.g. to attach the INKZALL™ highlighters to the belt.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① INKZALL™ highlighter - yellow	5	1	**48223201**	045242482573
② INKZALL™ highlighter - coloured	5	1	**48223206**	045242482580



INKZALL™ fine tip pens

- Approx. 0.6 mm tip.
- Clog resistant.
- Main applications: marking of labels for electrical wires, adding comments to architect plans.

Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
① INKZALL™ fine tip pens (4 pc) - black	Black	4	1	**48223164**	045242479818
② INKZALL™ fine tip pens (4 pc) - coloured	Black, Red, Blue	4	1	**48223165**	045242479825



INKAZLL™Deep Reach Ultra-Fine Point

NEW

- Deep Reach Design - for markings in hard-to-reach areas such as drilled holes and electrical boxes.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Marker continues to write after 72+ hours of cap off time.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
INKZALL™Deep Reach Ultra-Fine Point	1	1	**4932501147**	4058546624491

INKZALL™ Double Tips

NEW

- 2 in 1 marking for quick & easy switch between two tip types without changing markers & saving space in pocket/toolbag as fewer tools are needed.
- Durable marker tip that writes on concrete, OSB & rough jobsite surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Marker continues to write after 72+ hours of cap off time.



Description	Colour	Tip	Pack quantity	Min. order quantity	Article Number	EAN Code
INKZAL™ Double Tip – Chiseled/Fine Point	Black	Chiseled & Fine Point	1	1	**4932501155**	4058546624576
INKZAL™ Double Tip - Ultra-Fine Point/ Fine Point	Black	Ultra-Fine Point/Fine Point	1	1	**4932501154**	4058546624569

CUTTING HAND TOOLS











FASTBACK™ flip utility knife

- Integrated gut hook. Allows users to make cuts without exposing the blade.
- Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user‘s bag.
- Thin body design. Tool is easily stored in user‘s pocket.
- Belt clip for easy storage.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① FASTBACK™ compact flip utility knife	1	1	**4932471356**	4058546289843
② FASTBACK™ flip utility knife	1	6	**4932471357**	4058546289850
③ FASTBACK™ flip utility knife with blade storage	1	1	**4932471358**	4058546289867

FASTBACK™ folding knife

- Resharpenable stainless steel blade.
- Piercing tip allows controlled piercing and smooth cutting.
- Liner lock secures the blade in the open position.
- Lanyard hole.
- Wire form belt clip for quick access without fraying pockets.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① FASTBACK™ folding knife	1	1	**48221990**	045242296842
② FASTBACK™ Camo folding knife	1	1	**4932492375**	4058546417420

FASTBACK™ 5 in 1 folding knife

- Stainless steel blade.
- Liner lock secures the blade in the open position.
- Partially serrated for versatility making it easier to both pierce and tear though material.
- The folding knife includes a fold-out 1/4″ bit holder along with a reversible PH2 and slotted bit.
- Built-in bottle opener for added functionality.
- Durable belt clip that reduces pocket tearing.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
FASTBACK™ 5 in 1 folding knife	1	1	**4932492454**	4058546418212

Compact pocket knife

- Compact size for carrying in the pocket.
- Resharpenable stainless steel blade.
- Piercing tip allows controlled piercing and smooth cutting.
- Liner lock secures the blade in the open position.
- Lanyard hole.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Compact pocket knife	1	1	**4932478560**	4058546347536
② Compact Pocket Knife Counter Display	1	10	**4932492661**	4058546414115

FASTBACK™ 6 in 1 utility knife

- 1/4″ Hex bit holder with double ended PH2 and SL5.5.Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user‘s bag.
- Belt clip for easy storage.
- Integrated bottle opener.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
FASTBACK™ 6 in 1 utility knife	1	1	**4932478559**	4058546347529

Fixed blade knife

- The fixed blade knife is designed for optimal edge retention and durability.
- 4” (101mm) stainless steel blade, optimised to stay sharper longer.
- Full metal tang provides durability for tough cut.
- Ergonomic handle offers secure and comfortable grip.
- Lanyard hole for easy tethering.
- Durable moulded sheath with belt clip for fast access.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Fixed blade knife	1	1	**4932464828**	4058546227739

Hawkbill fixed blade knife

- The hawkbill fixed blade knife is ideal for stripping wire and cable.
- Stainless steel blade is optimised to stay sharper longer.
- Full metal tang provides durability for tough cuts.
- Large ergonomic handle designed for comfortable use with gloves.
- Lanyard hole for easy tethering.
- Durable molded sheath with belt clip for fast access.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Hawkbill fixed blade knife	1	1	**4932464829**	4058546227746

HARDLINE™ folding knives

- Premium D2 blade steel provides better corrosion resistance. High strength and wear resistance, stays sharp longer.
- Smooth / serrated blade and piercing tip. Ideal for tearing through material and tip allows controlled piercing.
- Flip opening with bearing system: can be opened with 1 hand only.
- Opening steel frame lock secures the blade in the open position.
- Glass filled nylon handle with stainless steel.
- Liner lock secures the blade in the open position.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.
- Reversible belt clip allows right or left handed carry.





Description	Blade type	Pack quantity	Min. order quantity	Article Number	EAN Code
① HARDLINE™ Folding Knife 75mm - Smooth	Smooth	1	1	**48221994**	045242477043
② HARDLINE™ Folding Knife 75mm - Serrated	Serrated	1	1	**48221998**	045242359165
③ HARDLINE™ Folding Knife 64mm - Smooth	Smooth	1	1	**4932492452**	4058546418199
④ HARDLINE™ Folding Knife 89mm - Smooth	Smooth	1	1	**4932492453**	4058546418205

HARDLINE™ fixed blade knife

- 5″ (127 mm) AUS-8 Steel blade allows the blade to hold its edge longer, reducing the user's need to sharpen.
- Full metal tang provides durability for tough cuts.
- Overmolded handle for a strong secure grip, and a lanyard hole.
- Durable multi position sheath for fexible carry option and fast access.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
HARDLINE™ fixed blade knife	1	1	**4932464830**	4058546227753

Fixed blade utility knife

- Ready to use fixed blade for an easier an fastest access to the knife.
- Tool-free blade change: Saves time changing blades. Thumb-screw mechanism allows to change the blade quickly and without any extra tools.
- Blade storage holds up to 5 blades conveniently inside the handle.
- Tool lanyard hole for easy tethering.
- Heavy Duty: Durable full metal body.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Fixed blade utility knife	1	1	**4932471361**	4058546289898

Sliding utility knife

- Side slide mechanism to reduce the risk of exposing the blade accidentally.
- Full metal body with rubber overmold for increased durability, comfort and reduced hand slippage.
- Tool free blade change saves time when changing blades.
- Onboard blade storage for 5 extra blades.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Compact sliding utility knife	1	1	**4932492379**	4058546417468
② Sliding utility knife	1	1	**4932492378**	4058546417451

Self-retracting safety knife

- Self-retract mechanism: Retracts blade when the button is released.Blade storage holds up to 5 blades conveniently inside the handle.
- Tool-free blade change: Saves time changing blades. Thumb-screw mechanism allows to change the blade quickly and without any extra tools.
- Heavy Duty: Durable full metal body.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Self-retracting safety knife	1	1	**4932471360**	4058546289881

Mini Flush Cutters

- Angled head design for better access to tight spaces.
- Induction hardened cutting edges for consistent, precise cuts through thin wires and cable ties.
- Spring loaded handle for maximum efficiency and to reduce hand fatigue while using the tool.
- Rust protection increases tool life by reducing corrosion.
- Ergonomic handle designed with comfort grips that will not peel.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Mini Flush Cutters	1	1	**4932499024**	4058546528935

General purpose utility blades

- Iron carbide deposited metal for longer lifetime.
- Optimised cutting angle geometry for sharpness.
- Extra ground cutting edge for cleaner cuts.
- Blades are protected and easily accessible from storage box.



Description	Total length (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① General purpose utility knife blades	62	19	50	1	**48221950**	045242344444
			5	1	**48221905**	045242268061
② Hook utility knife blades	62	19	50	1	**48221952**	045242286980
③ Carton utility knife blades (rounded)	62	19	5	1	**48221934**	045242286942

Snap knives

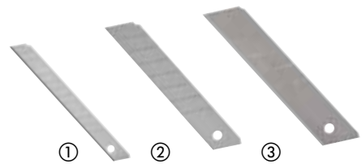
- Metal lock* for maximum durability and longer lifetime.
- Lock with a speed thread* that allows faster blade adjustment.
- Auto-lock slide** for faster blade adjustment.
- Snap-off cap pocket clip** snaps off blade segments.
- Overmolded handle offers a slip resistant grip and is an acetone resistant.
- Iron carbide blade for longer lifetime, increased sharpness and clean cut finish.



Description	Blade width (mm)	No. blade points	Pack quantity	Min. order quantity	Article Number	EAN Code
① Snap knife 9 mm	9	13	1	1	**48221960**	045242296811
② Snap knife 18 mm	18	8	1	1	**48221961**	045242296798
③ Snap knife 25 mm	25	7	1	1	**48221962**	045242296828

Snap blades

- Robust re-usable storage dispenser with easy access to blades.
- Optimized cutting angle geometry for sharpness and improved cutting precision.
- Iron carbide metal for longer life.
- Precise ground cutting edges for cleaner cuts.



Description	Blade width (mm)	No. blade points	Pack quantity	Min. order quantity	Article Number	EAN Code
① Snap blades 9 mm	9	13	10	1	**4932480106**	4058546403911
② Snap blades 18 mm	18	8	10	1	**4932480107**	4058546403928
③ Snap blades 25 mm	25	7	10	1	**4932480108**	4058546403935

Compact knife sharpener

- Three sharpening styles for heavier, lighter and serrated blade sharpening.
- Finger loop hole for easier holding and more control.
- A magnet for convenient storage.
- High contrast ID markings in the front and back for easier readability.
- Versatile use for knives and scissors.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Compact knife sharpener	1	6	**4932478562**	4058546347550

PVC saw

- All-metal handle design for best-in-class durability.
- Tool free blade change: up to 10x faster blade change.
- Overmold handle for increased comfort.
- Compact design.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PVC saw	1	1	**4932500075**	4058546572396
PVC saw replacement blade	1	1	**4932500042**	4058546572068

Compact hacksaw

- Tool free blade change for changing blades up to 10x faster.
- Compact design, ideal for versatile cutting in tight spaces.
- Adjustable blade length for easier flush cutting.
- Rubber overmold grip for increased comfort.
- Accepts 12″ blades.
- Supplied with 10″ / 24 Tpi blade.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Compact hacksaw	1	1	**4932500041**	4058546572051

Folding jab saw

- Enlarged handle end for easier and comfortable plunging.
- Accepts all 150mm SAWZALL™blades and is compatible with all SAWZALL™reciprocating saw blades.
- Tool free blade change.
- Folding blade for easier and safer storage.
- Supplied with a 8 TPI, 150 mm blade.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.



Description	Blade length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Folding jab saw	150	1	1	**4932492812**	4058546476830

Hacksaw

- Tough metal frame, supports higher tension (25,000 PSi / 250 lbs).
- Overmould handle ensures secure grip and user comfort.
- Internal blade storage for extra blades.
- Supplied with 12″ / 24 Tpi blade.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Hacksaw	1	1	**48220050**	045242362226
Hacksaw replacement blades	10	5	**4932493923**	4058546510831

Rasping jab saw

- 150 mm plaster / drywall blade: Extra strong thicker blade making it more resistant for plunge cuts.
- Coated for corrosion protection.
- Built in rasping holes: Allows user to rapidly expand holes or smooth rough edges.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Rasping jab saw	1	1	**4932479783**	4058546375775
② Drywall kit (2pc)	2	1	**4932479784**	4058546375782



Jobsite scissors

- Iron carbide cutting edge for maximum durability. Longer lifetime vs. stainless steel.
- Chrome plated blades for maximum rust protection.
- All metal core: Full metal handle construction to protect from drops and handle breakage.
- Bolt lock technology protects blades from loosening to ensure precise cutting.
- Large handle loops for use with gloves.
- Index finger groove for more comfort.
- Laser edged ruler markings on the blade allows to measure and cut in one go.
- Jobsite offset scissors with micro-serrated blades for maximum durability and better grip.
- Jobsite offset scissors with 60°-offset head allows to keep hand above cutting material.



Description	Total length (mm)	Blade length (mm)	Weight (g)	Pack quantity	Min. order quantity	Article Number	EAN Code
① Straight scissors	230	95	180	1	1	**4932479409**	4058546372033
② Offset scissors	240	115	230	1	1	**4932479410**	4058546372040



Electricians Scissors

- Cable cutting groove for greater leverage.
- Rounded grove allows for easy wire stripping.
- Cable crimper for crimps up to 6 mm.
- Adjustable tightening screw allows to set desired resistance.
- Tool holder with belt strap for easy storage.

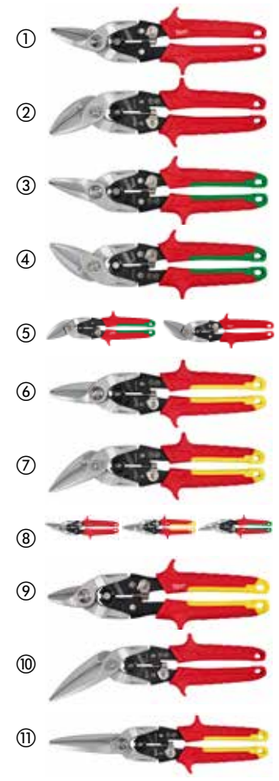


Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Electricians Scissors	1	1	**4932478620**	4058546348137



Aviation Snips

- Thumb and forefinger slots for increased comfort and less fatigue. Allows user to push through sheet metal with ease with less risk of cutting oneself.
- Serrated cutting edges prevent slippage when cutting.
- Less hand fatigue when cutting thicker materials. Design with compound leverage action.
- Torsion spring opens jaws automatically during cutting for faster cutting action and less fatigue work.
- Chrome plated rust protected forged blades for increased lifetime. Extra hardened to 65 HRC.
- Made from forged alloy steel for best durability – Cr Steel.
- One hand locking mechanism.
- Flush slimline design for non-snagging in material.
- Triple cutting direction identification – on the head, handle and by colour coded handle.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- Aviation snips: For short, straight and shaped cuts. Ideal for narrow radius cuts and notch cuts.
- Offset snips: For long continuous straight or curved cuts. 45° offset keeps users hand away from the cutting material.
- Extra long aviation snips: For longer and straighter cuts in one go.



Description	Colour code	Pack quantity	Min. order quantity	Article Number	EAN Code
① Left Cutting Aviation Snips	Red	1	1	**4932499011**	4058546528805
② Left Cutting Offset Aviation Snips	Red	1	1	**4932499013**	4058546528829
③ Right Cutting Aviation Snips	Green	1	1	**4932499014**	4058546528836
④ Right Cutting Offset Aviation Snips	Green	1	1	**4932499016**	4058546528850
⑤ 2 pc Offset Aviation Snip Set	-	2	1	**4932499017**	4058546528867
⑥ Straight Cutting Aviation Snips	Yellow	1	1	**4932499018**	4058546528874
⑦ Straight Cutting Offset Aviation Snips	Yellow	1	1	**4932499019**	4058546528881
⑧ 3 pc Aviation Snip Set	-	3	1	**4932499020**	4058546528898
⑨ Bulldog Aviation Snips	Yellow	1	1	**4932499010**	4058546528799
⑩ Long Cut Offset Left Aviation Snips	Yellow	1	1	**4932499022**	4058546528911
⑪ Long Straight Aviation Snips	Yellow	1	1	**4932499021**	4058546528904



Mini copper tubing cutters

- Proprietary adjustment mechanism.
- Chrome rollers for added durability and extended performance provide best in class rust protection.
- Easy grip knob allows faster adjustment and easier one handed use.
- Compact design to cut pipes in restricted areas.



Description	Max. cutting capacity in copper pipe (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Mini copper tubing cutter 15 mm	3 - 15	1	1	**48229250**	045242521210
Mini copper tubing cutter 22 mm	3 - 22	1	1	**48229258**	045242521258
Mini copper tubing cutter 28 mm	3 - 28	1	1	**48229251**	045242521227



Constant swing copper tubing cutters

- Constant swing copper tubing cutters are engineered for straighter, cleaner cuts.
- 4 roller design delivers accurate cuts and prevents walking.
- Chrome rollers for added durability and extended performance provide best in class rust protection.
- Smooth adjustment mechanism.
- On-board reamer enables fast, easy deburring.
- A spare wheel is integrated in the knob.



Description	Max. cutting capacity in copper pipe (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Constant swing copper tubing cutter 29 mm	3 - 28	1	1	**4932500077**	4058546572419
Constant swing copper tubing cutter 42 mm	3 - 42	1	1	**4932500078**	4058546572426
Constant swing copper tubing cutter 67 mm	16 - 67	1	1	**48229253**	045242521241
Reaming blades		3	1	**48224257**	045242356263



Constant Swing Inox Tubing Cutter

NEW

- Constant swing inox tubing cutters are engineered for straighter, cleaner cuts.
- 4 roller design delivers accurate cuts and prevents walking.
- Chrome rollers for added durability and extended performance provide rust protection.
- Smooth adjustment mechanism.
- On-board reamer enables fast and easy deburring.
- A spare wheel is integrated in the knob.



Description	Max. cutting capacity inox (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Constant Swing Inox Tubing Cutter 29mm	3 - 29	1	1	**4932499088**	4058546529574
Constant Swing Inox Tubing Cutter 42mm	3 - 42	1	1	**4932499089**	4058546529581



Tubing cutter blades

- Replacement blades for tubing cutters.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Tubing cutter blades for copper	2	1	**48224256**	045242356256

Reaming pen

- Provides easy deburring of copper tubing and PVC.
- All-metal design for durability through demanding jobsite use.
- Heat treated and black oxide coated blade for extended life.
- A slide resistant clip allows easy storage in the users pocket or tool bag for quick access.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Reaming pen	1	1	**48224255**	045242356249

Inner-Outer Deburrer

- 40 hardened and ground cutting edges provides a clean, burr free, installation-ready pipe.
- Robust aluminium metal housing delivers highest durability for toughest jobsite condition.
- Ridges on the outside for an improved grip, even with gloves.
- Increased versatility in reaming all standard pipe materials. Plastic, cooper, aluminium, steel, iron, brass, stainless steel.





Description	Min. order quantity	Pack quantity	Article Number	EAN Code
Inner-Outer Deburrer 6 - 35mm	1	1	**4932493812**	4058546509729
Inner-Outer Deburrer 10 - 54mm	1	1	**4932493813**	4058546509736

Plastic cutter

- Cuts PEX, PB, MDP, PE, plastic electrical conduits, pneumatic pipe, plastic overflow pipe, rubber hoses, silicon hoses up to Ø 25 mm.
- V-shaped blade allows quick and straight cuts; prevents crushing of material.
- Replaceable stainless steel blade.
- Robust construction: Metal core from the head to the handles for maximum lifetime.
- One handed locking mechanism, tool remains closed while in pouch, spring loaded but easy opening.
- Corrosion resistant head.





Description	Max. capacity tube & pipe (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Plastic Cutter	25	1	1	**4932479407**	4058546372019
Plastic cutter blade replacement	-	1	1	**4932479408**	4058546372026

Ratcheting PVC cutter

- Durable stainless steel rust proof blade for more cuts.
- Comfortable handle adds working comfort.
- Quick blade release adds working speed.
- One-handed metal lock.
- Lanyard hole, improves working security.
- Blades are replaceable.
- Suitable for: PVC, CPVC, PEX, PP, PB, PVDF, PE.

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	Description	Max. capacity tube & pipe (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Ratcheting PVC cutter 42 mm	42	1	1	**4932464172**	4058546221171
①	Ratcheting PVC cutter 60 mm	63	1	1	**4932464173**	4058546221188
②	Ratcheting PVC cutter blade 42 mm		1	1	**4932500046**	4058546572105
②	Ratcheting PVC cutter blade 60 mm		1	1	**4932500047**	4058546572112



Cable cutter

- Best-in-class cut quality: Bevelled jaw heads for accurate, smooth cable shearing.
- Comfort grips: More comfortable than dipped plastic. Grips will not peel.
- Forged design: Tool durability in abusive environments.
- Rust protection: Black oxide finish protects from rust.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Cable cutter	1	1	**48226104**	045242356140

Bolt cutters

- Forged steel blades for strong and durable cutting edge.
- Comfort grip handles will not peel or slide off.
- Blade adjustment screw ensures high performance and longer life.
- Lanyard holes.





Description]	Blade width (mm)	Cutting capacity for HRC 31 materials (Max. Ø mm)	Cutting capacity for HRC 48 materials (Max. Ø mm)]	Pack quantity	Min. order quantity	Article Number	EAN Code
14" bolt cutter	13	8	5	1	1	**4932464827**	4058546227722
24" bolt cutter	13	11	8	1	1	**4932464826**	4058546227715

Extendable Bolt Cutters

- POWERMOVE™ handles extend for easier cuts in tough applications.
- Forged steel blades for strong and durable cutting edge.
- Pivoting head for angle adjustment.
- Comfort grip handles will not peel or slide off.





Descrip-tion	Blade width (mm)	Cutting capacity for HRC 31 materials (Max. Ø mm)	Cutting capacity for HRC 48 materials (Max. Ø mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
14" / 18" extendable bolt cutter	13	8	5	1	1	**4932464850**	4058546227951
24" / 30" extendable bolt cutter	13	11	8	1	1	**4932464851**	4058546227968

Metric straight flute plug taps

NEW

- Precision machined for creating and repairing clean, accurate threads.
- Long lasting laser etch for the clear markings.
- Black oxide coating for corrosion resistance and high carbon steel for durability.
- Straight flute tap style designed for the most common threading applications.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
M8-1.00 mm Straight flute plug tap	1	1	**4932500595**	4058546618971
M5-0.80 mm Straight flute plug tap	1	1	**4932500591**	4058546618933
M6-1.00 mm Straight flute plug tap	1	1	**4932500592**	4058546618940
M7-1.00 mm Straight flute plug tap	1	1	**4932500593**	4058546618957
M8-1.25 mm Straight flute plug tap	1	1	**4932500594**	4058546618964
M3-0.60 mm Straight flute plug tap	1	1	**4932500586**	4058546618889
M3-0.50 mm Straight flute plug tap	1	1	**4932500587**	4058546618896
M4-0.70 mm Straight flute plug tap	1	1	**4932500588**	4058546618902
M4-0.75 mm Straight flute plug tap	1	1	**4932500589**	4058546618919
M5-0.90 mm Straight flute plug tap	1	1	**4932500590**	4058546618926
M9-1.25 mm Straight flute plug tap	1	1	**4932500596**	4058546618988
M9-1.00 mm Straight flute plug tap	1	1	**4932500597**	4058546618995
M10-1.50 mm Straight flute plug tap	1	1	**4932500598**	4058546619008
M10-1.25 mm Straight flute plug tap	1	1	**4932500599**	4058546619015
M10-1.00 mm Straight flute plug tap	1	1	**4932500600**	4058546619022
M11-1.50 mm Straight flute plug tap	1	1	**4932500601**	4058546619039
M12-1.75 mm Straight flute plug tap	1	1	**4932500602**	4058546619046
M12-1.50 mm Straight flute plug tap	1	1	**4932500603**	4058546619053
M12-1.25 mm Straight flute plug tap	1	1	**4932500604**	4058546619060
M14-1.50 mm Straight flute plug tap	1	1	**4932500605**	4058546619077
M14-1.25 mm Straight flute plug tap	1	1	**4932500606**	4058546619084
M14-2.0 mm Straight flute plug tap	1	1	**4932500607**	4058546619091

Metric hex threading dies

NEW

- Precision machined for creating and repairing clean, accurate threads.
- Long lasting laser etch for clearer markings.
- Black oxide coating for corrosion resistance and high carbon steel for durability.
- Clearly labeled starting side for easier threading application set up.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
M3-0.60 mm Hex threading die	1	1	**4932500608**	4058546619107
M3-0.50 mm Hex threading die	1	1	**4932500609**	4058546619114
M4-0.70 mm Hex threading die	1	1	**4932500610**	4058546619121
M4-0.75 mm Hex threading die	1	1	**4932500611**	4058546619138
M5-0.90 mm Hex threading die	1	1	**4932500612**	4058546619145
M5-0.80 mm Hex threading die	1	1	**4932500613**	4058546619152
M6-1.00 mm Hex threading die	1	1	**4932500614**	4058546619169
M7-1.00 mm Hex threading die	1	1	**4932500615**	4058546619176
M9-1.25 mm Hex threading die	1	1	**4932500618**	4058546619206
M9-1.00 mm Hex threading die	1	1	**4932500619**	4058546619213
M10-1.50 mm Hex threading die	1	1	**4932500620**	4058546619220
M10-1.25 mm Hex threading die	1	1	**4932500621**	4058546619237
M11-1.50 mm Hex threading die	1	1	**4932500623**	4058546619251
M12-1.75 mm Hex threading die	1	1	**4932500624**	4058546619268
M12-1.50 mm Hex threading die	1	1	**4932500625**	4058546619275
M8-1.25 mm Hex threading die	1	1	**4932500616**	4058546619183
M8-1.00 mm Hex threading die	1	1	**4932500617**	4058546619190
M10-1.00 mm Hex threading die	1	1	**4932500622**	4058546619244
M12-1.25 mm Hex threading die	1	1	**4932500626**	4058546619282
M14-1.50 mm Hex threading die	1	1	**4932500627**	4058546619299

Tap collet

NEW

- Hex-head design is compatible with Hex-LOK™ 2-in-1 threading handle.
- T-Handle bar slides in or out allowing for tight space threading.
- Forward jaw holds tap sizes up to ¼″.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Tap collet for taps & t-handle bar	2	1	**4932500628**	4058546619305

Hex-LOK™ 2-in-1 Handle & t-bar & tap collet set

NEW

- Hex-LOK™ 2-in-1 Handle offers controlled and smooth threading.
- Hex-LOK™ 2-in-1 Handle is compatible with 1” hex dies & MILWAUKEE® tap collet.
- The tap collet’s recessed jaw holds tap sizes ¼″– ½″, while the forward jaw holds tap sizes up to ¼″.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3pc Hex-LOK™ 2-in-1 handle & T-bar & tap collet Set	3	1	**4932500629**	4058546619312

Metric thread pitch gauge

NEW

- Precision made leaves for accurate thread measuring.
- 16 leaves for a variety of thread measurements.
- Ideal for checking thread measurements before cutting threads.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
0.35-3.00 mm Metric thread pitch gauge	1	1	**4932500630**	4058546619329

Hex-LOK™ 2-in-1 handle

NEW

- Hex-LOK™ 2-in-1 handle is the most versatile threading solution designed for tap and die threading.
- Hex-LOK™ 2-in-1 handle is compatible with 1″ hex dies & MILWAUKEE®tap collet.
- Hex-LOK™ 2-in-1 handle compatibility allows for easy snap in and out, tool-free die and collet changes.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Hex-LOK 2-in-1 tap and die threading handle	1	1	**4932500631**	4058546619336

Metric straight flute plug tap & drill bit sets

NEW

- Precision machined for creating and repairing clean, accurate threads.
- Long lasting laser etch for the clearer markings.
- THUNDERWEB design of the drill bits is characterised by a conical shaped web which gets thicker towards the back of the drill bit.
- Straight flute tap style designed for the most common threading applications.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
2pc M3-0.5mm Plug tap & 2.5mm drill bit set	2	1	**4932500634**	4058546619367
2pc M4-0.7mm Plug tap & 3.3mm drill bit set	2	1	**4932500635**	4058546619374
2pc M5-0.8mm Plug tap & 4.2mm drill bit set	2	1	**4932500636**	4058546619381
2pc M6-1.0mm Plug tap & 5.0mm drill bit set	2	1	**4932500637**	4058546619398
2pc M8-1.25mm Plug tap & 7.0mm drill bit set	2	1	**4932500638**	4058546619404
2pc M10-1.5mm Plug tap & 8.5mm drill bit set	2	1	**4932500639**	4058546619411
2pc M12-1.75mm Plug tap &10.2mm drill bit set	2	1	**4932500640**	4058546619428
2pc M14-2.0mm Plug tap & 12.0mm drill bit set	2	1	**4932500641**	4058546619435

PACKOUT™ Tap and Die Set

- Hex-LOK™ 2-in-1 Handle is a versatile threading solution designed for tap and die threading.
- Hex-LOK™ 2-in-1 Handle is compatible with 1″ hex dies & MILWAUKEEMILWAUKEE® Tap Collet.
- Hex-LOK™ 2-in-1 Handle compatibility allows for easy snap in and out, tool-free die and collet changes.
- Includes precision machined threading accessories and handles for the most common applications.
- Designed for use in metal materials including mild steel, brass and aluminum.
- High carbon chromium bearing steel for durability.
- Black Oxide coated taps and dies for corrosion resistance.
- Taps and dies feature long lasting laser etch for the clearest markings.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
38 pc Metric Tap & Die Packout™ Set w/ Hex-LOK™ 2-in-1 Handle				
Flute Plug Taps M3-0.50 mm, M4-0.70 mm, M4-0.75 mm, M5-0.80 mm, M5-0.90 mm, M6-1.00 mm, M7-1.00 mm, M8-1.00 mm, M8-1.25mm, M9-1.00 mm, M9-1.25 mm, M10-1.25 mm, M10-1.50mm, M11-1.50 mm, M12-1.50 mm, M12-1,75 mm / 1″ Hex Threading Dies M3-0.50 mm, M4-0.70 mm, M5-0.80 mm, M5-0.90 mm, M6-1.00 mm, M7-1.00 mm, M8-1.00 mm, M8-1.25mm, M9-1.25 mm, M10-1.25 mm, M10-1.50mm, M11-1.50 mm, M12-1.50 mm, M12-1,75 mm / Tap Collet / Sliding T-Handle / 0.35-3.00 mm Metric Thread Pitch Gauge / Hex-LOK™ 2-in-1 Handle	38	1	**4932498721**	4058546525903

17pc Tap and die metric set

NEW

- Includes precision machined threading accessories and handles for the most common applications.
- THUNDERWEB design of the drill bits is characterised by a conical shaped web which gets thicker towards the back of the drill bit. Standard drill bits have a constant thickness throughout their length. Even at the narrowest point the THUNDERWEB core is thicker than that of a standard drill bit.
- Taps and dies are made of high carbon chromium bearing steel for durability.
- Designed for use in metal materials including mild steel, brass and aluminum.
- Black Oxide coated taps and dies for corrosion resistance.
- Taps and dies feature long lasting laser etch for the clearest markings.

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Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① 17PC Tap and Die Metric Set	17	1		
Flute Plug Taps M3-0.50 mm, M4-0.70 mm, M5-0.80 mm, M6-1.00 mm, M8, 1.25 mm / 1″ Hex Threading Dies M3-0.50 mm, M4-0.70 mm, M5-0.80 mm, M6-1.00 mm, M8, 1.25 mm / Drill Bits 2.5 mm, 3.3 mm, 4.2 mm, 5.0 mm, 6.8 mm / T-Handle / 1″Hex Die Stock			**4932498720**	4058546525897

STRIKING & DEMOLITION HAND TOOLS











Nail Puller

- Dimpler allows for easy nail removal with limited damage to surface.
- Low profile claw to reach the tightest of nails.
- Handle grip greatly reduces vibration.





Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
9″ nail puller	22.86	1	1	**4932478249**	4058546344269
10″ nail puller	25.40	1	1	**4932478250**	4058546344276
12″ nail puller	30.48	1	1	**4932478251**	4058546344283

Trim Puller

- Low profile trim claw to easily slide between trim/ skirting boards and walls.
- Dimpler allows for easy nail removal with limited damage to surface.
- Handle grip greatly reduces vibration.





Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
10″ trim puller	25.40	1	1	**4932478252**	4058546344290

Wrecking Bar

- Beveled edge improves leverage and accessibility when pulling nails, lifting or prying.
- Nail/ staple puller easily removes nails and staples without damaging flooring or surrounding materials.
- Reinforced strikable tongue for extra material penetration using a hammer.





Description	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
12″ wrecking bar	30.48	1	1	**4932478253**	4058546344306
15″ wrecking bar	38.1	1	1	**4932478254**	4058546344313
21″ wrecking bar	53.3	1	1	**4932492778**	4058546476496

I-Beam Wrecking Bar

NEW

- Durable 450 mm long I-Beam design provides a high strength-to-weight ratio, delivering strong leverage with less weight.
- I-Beam Design makes it easier to hold by giving fingers more to grip and helping prevent slipping.
- Integrated nail notch and the beveled slot on the sharp claw enable versatile nail removal with high leverage.



Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
45	1	1	**4932500678**	4058546619800

Molding Pry Bar

NEW

- 63 mm wide trim claw to easily slide between trim/ skirting boards and walls.
- Smoothpull dimpler for easy removal of nails driven deep into wood.
- Overall length of 400 mm provides higher leverage.
- Optimized handle design features an ergonomic rubber overmold grip to prevent slipping for maximum comfort and control.
- Handle grip provides shock absorption and greatly reduces vibration.



Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	1	1	**4932500677**	4058546619794

Steel RIP claw hammer

- Shockshield grip reduces peak vibration.
- Straight/RIP claw for prying and demolition work.
- Magnetic nail starter for safer application.
- Side nail puller.
- I-Beam handle construction resists bending in prying applications.
- Precise balance for better handling.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
16oz Steel RIP claw hammer	1	1	**4932478653**	4058546348465
20oz Steel RIP claw hammer	1	1	**4932478654**	4058546348472

Steel curved claw hammer

- Shockshield grip reduces peak vibration.
- Curved claw hammer reduces damage when pulling nails.
- Magnetic nail starter for safer application.
- Side nail puller.
- I-Beam handle construction resists bending in prying applications.
- Precise balance for better handling.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
16oz Steel curved claw hammer	1	1	**4932478655**	4058546348489
20oz Steel curved claw hammer	1	1	**4932478656**	4058546348496

Fiberglass curved claw hammer

- Reinforced fiberglass handle
- Over moulded handle for increased grip and reduced vibration
- Curved claw hammer reduces damage when pulling nails
- Magnetic nail starter for safer application
- Precise balance for better handling





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
16oz Fiberglass curved claw hammer	1	1	**4932478657**	4058546348502
20oz Fiberglass curved claw hammer	1	1	**4932478658**	4058546348519

Hickory curved claw hammer

- Hickory handle providing low vibration
- Curved claw hammer reduces damage when pulling nails
- Magnetic nail starter for safer application
- Precise balance for better handling



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
16oz Hickory curved claw hammer	1	1	**4932478659**	4058546348526
20oz Hickory curved claw hammer	1	1	**4932478660**	4058546348533

Fiberglass engineers hammer

- Reinforced fiberglass handle
- Over moulded handle for increased grip and reduced vibration
- Reinforced head connection for added durability
- Precise balance for better handling
- DIN 1041





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
200g Fiberglass engineers hammer	1	1	**4932478661**	4058546348540
300g Fiberglass engineers hammer	1	1	**4932478662**	4058546348557
500g Fiberglass engineers hammer	1	1	**4932478663**	4058546348564
800g Fiberglass engineers hammer	1	1	**4932478664**	4058546348571
1000g Fiberglass engineers hammer	1	1	**4932478665**	4058546348588

Hickory engineers hammer

- Hickory handle providing low vibration
- Reinforced head connection for added durability
- Precise balance for better handling
- DIN 1041





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
200g Hickory engineers hammer	1	1	**4932478666**	4058546348595
300g Hickory engineers hammer	1	1	**4932478667**	4058546348601
500g Hickory engineers hammer	1	1	**4932478668**	4058546348618
800g Hickory engineers hammer	1	1	**4932478669**	4058546348625
1000g Hickory engineers hammer	1	1	**4932478670**	4058546348632

Fiberglass Cross-Peen Hammer

- Longer handle for controlled strikes and additional power.
- Reinforced overstrike protection for more support at the most common failure point.
- High strength fiberglass core provides increased durability and power.
- Overmold handle for increased grip and reduced vibration.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1.13kg / 2.5 lbs Fiberglass Cross-Peen Hammer	1	1	**4932498306**	4058546521752
1.81kg / 4 lbs Fiberglass Cross-Peen Hammer	1	1	**4932498308**	4058546521776

Fiberglass Sledge Hammer

- Longer handle for controlled strikes and additional power.
- Reinforced overstrike protection for more support at the most common failure point.
- High strength fiberglass core provides increased durability and power.
- Overmold handle for increased grip and reduced vibration.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1.13kg / 2.5 lbs Fiberglass Sledge Hammer	1	1	**4932498305**	4058546521745
1.81kg / 4 lbs Fiberglass Sledge Hammer	1	1	**4932498307**	4058546521769

Club hammer

- Duel Face Versatility: Milled face provides additional grip and minimizes movement of face when striking chisels or large nails, the smooth face prevents damage to struck objects.
- Reinforced Overstrike Protection: Increases durability in the most common failure point.
- Fiberglass handle with over molded grip: Provides durability with improved grip capacity and comfort.
- Lanyard Hole: Easily comply with safety regulations working at height.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1.36 kg / 3 lbs club hammer	1	1	**4932478255**	4058546344320
0.91 kg / 2 lbs Club Hammer	1	1	**4932498304**	4058546521738

Steel ball peen hammer

- SHOCKSHIELD™ grip reduces peak vibration.
- Precise balance for better handling and control.
- I-Beam handle construction resists bending.
- Strong steel head prevents chipping on contact.
- Durable grip handle with an anti-slip design.





Description	Weight (g)	Weight (oz)	Pack quantity	Min. order quantity	Article Number	EAN Code
450g Ball peen hammer	450	16	1	1	**4932492346**	4058546417130
680g Ball peen hammer	680	24	1	1	**4932492347**	4058546417147

Dead blow ball peen hammer

- Precision balanced design and steel shot-filled head for optimised control.
- Durable metal faces preventing chipping on contact.
- Steel reinforced handle for higher durability.
- Over molded handle for more control and better grip.





Description	Weight (g)	Weight (oz)	Pack quantity	Min. order quantity	Article Number	EAN Code
450g Dead blow ball peen hammer	450	16	1	1	**4932492348**	4058546417154
907g Dead blow ball peen hammer	907	32	1	1	**4932492349**	4058546417161

Dead blow hammer

- Steel shot-filled head for increased rebound reduction and maximised impact.
- High-performance cover preventing damage to surfaces.
- Precision balanced design and over molded handle for more control and better grip.
- Steel reinforced handle for higher durability.





Description	Weight (g)	Weight (oz)	Pack quantity	Min. order quantity	Article Number	EAN Code
790g Dead blow hammer	790	28	1	1	**4932492350**	4058546417178
1360g Dead blow hammer	1360	48	1	1	**4932492351**	4058546417185

Roofing Hammer

NEW

- Forged from one single piece for highest durability & long life; Increased strength through elimination of weak points.
- Reduces peak vibration & increased comfort and grip through ergonomic design.
- Fast and easy nail placement; for one handed operations & reduced risk of damaging fingers



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Roofing Hammer 750g	1	1	**4932493655**	4058546485269

Beveled Edge Chisels

- All metal core for maximum durability.
- Metal striking cap for a longer handle life.
- Permanent size markings on the blade and handle for quick identification.
- Blade storage for safe transportation or storage.

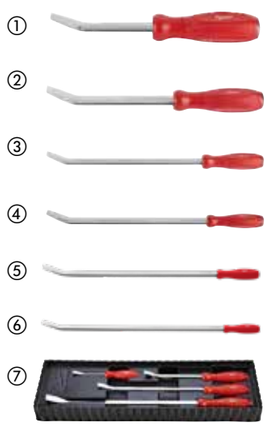




Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Beveled Edge Chisel 6mm	1	1	**4932479892**	4058546376864
Beveled Edge Chisel 12mm	1	1	**4932479893**	4058546376871
Beveled Edge Chisel 19mm	1	1	**4932479894**	4058546376888
Beveled Edge Chisel 25mm	1	1	**4932479895**	4058546376895
① Beveled Edge Chisel 32mm	1	1	**4932479896**	4058546376901
② Beveled Edge Chisel Set 4pc 6mm, 12mm, 19mm, 25mm	4	1	**4932479897**	4058546376918

Pry bar

- I-Beam design for added durability.
- All-metal core for improved durability.
- Hammer-ready strike cap improves leverage when working in tight spaces.
- Comfortable Tri-Lobe handles for better grip.
- All-chrome shafts for increased durability.
- Curved claw design reduces damage when pulling nails.



	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	200mm Pry bar	1	1	**4932480595**	4058546408800
②	300mm Pry bar	1	1	**4932480596**	4058546408817
③	450mm Pry bar	1	1	**4932480597**	4058546408824
④	600mm Pry bar	1	1	**4932480598**	4058546408831
⑤	900mm Pry bar	1	1	**4932480599**	4058546408848
⑥	1000mm Pry bar	1	1	**4932480600**	4058546408855
⑦	Pry bar set - 4 pcs 200 mm - 300 mm - 450 mm - 600 mm	4	1	**4932501195**	4058546639112

Hook & pick sets

- All-metal core for long-lasting durability and rust protection.
- Chrome-plated shanks reduce corrosion and provide rust protection.
- Comfort grip handle and precision knurling increase tool control and user comfort.
- Supplied in an easy-access storage tray for long-term tool storage.



	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Hose Pick - Flat Tip	1	1	**4932480570**	4058546408558
②	Hose Pick - Hook	1	1	**4932480571**	4058546408565
③	Hose Pick - Bent 90 Degree	1	1	**4932480572**	4058546408572
④	Hose Pick - Bent 45 Degree	1	1	**4932480573**	4058546408589
⑤	Hook & pick set offset pick, straight pick, hook, 90° pick	4	1	**48229215**	045242508105
⑥	Heavy Duty Hook & Pick Set (4 pc) HD Flat hose pick, HD 90° hose pick, HD 45°hose pick, HD Hook hose pick, Storage tray	4	1	**4932480568**	4058546408534
⑦	Hook & Pick Set (8 pc) HD Flat hose pick, HD 90°hose pick, HD 45°hose pick, HD Hook hose pick, Straight pick, Offset hook, Hook, 90°hook, Storage tray	8	1	**4932480569**	4058546408541

SCREWDRIVERS + ELECTRICIAN HAND TOOLS











Hex key wrenches with comfort grip

NEW



- T-STRIKE™ provides a striking cap for protection to the tool itself and better access to rounded or rusted bolts, while having an all-metal core for extra-durability.
- Hex ball end on the long side allows 30°access to any hex screw.
- Quick and easy size identification with markings on the tool and on the storage holder.
- Burnished tips for a precise fit.

Size (mm)	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
2	144	1	1	**4932498678**	4058546525477
2.5	144	1	1	**4932498679**	4058546525484
3	205	1	1	**4932498680**	4058546525491
3.5	205	1	1	**4932498681**	4058546525507
4	205	1	1	**4932498682**	4058546525514
4.5	205	1	1	**4932498683**	4058546525521
5	205	1	1	**4932498684**	4058546525538
6	266	1	1	**4932498685**	4058546525545
7	266	1	1	**4932498686**	4058546525552
8	266	1	1	**4932498687**	4058546525569
10	266	1	1	**4932498688**	4058546525576

Hex Key Wrenches with Comfort Grip Set

NEW



- T-STRIKE™ provides a striking cap for protection to the tool itself and better access to rounded or rusted bolts, while having an all-metal core for extra-durability.
- Hex ball end on the long side allows 30°access to any hex screw.
- Quick and easy size identification with markings on the tool and on the storage holder.
- Magnetic storage tray with pre-drilled holes for best and easy organization in the workshop.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
7pc Hex key wrenches with comfort grip set with rack 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm and Storage rack	7	1	**4932498677**	4058546525460

Torx key wrenches with comfort grip

NEW



- T-STRIKE™ provides a striking cap for protection to the tool itself and better access to rounded or rusted bolts, while having an all-metal core for extra-durability.
- Short end has a Torx tip for more durability and long side tamper-proof Torx for security screws.
- Quick and easy size identification with markings on the tool and on the storage holder.
- Burnished tips for a precise fit.

Size (mm)	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
T6	144	1	1	**4932498691**	4058546525606
T7	144	1	1	**4932498692**	4058546525613
T8	144	1	1	**4932498693**	4058546525620
T9	144	1	1	**4932498694**	4058546525637
T10	144	1	1	**4932498695**	4058546525644
T15	205	1	1	**4932498696**	4058546525651
T20	205	1	1	**4932498697**	4058546525668
T25	205	1	1	**4932498698**	4058546525675
T27	205	1	1	**4932498699**	4058546525682
T30	205	1	1	**4932498700**	4058546525699
T40	266	1	1	**4932498701**	4058546525705
T45	266	1	1	**4932498702**	4058546525712
T50	266	1	1	**4932498703**	4058546525729

Torx Key Wrenches with Comfort Grip Set

NEW



- T-STRIKE™ provides a striking cap for protection to the tool itself and better access to rounded or rusted bolts, while having an all-metal core for extra-durability.
- Short end has a Torx tip for more durability and long side tamper-proof Torx for security screws.
- Quick and easy size identification with markings on the tool and on the storage holder.
- Magnetic storage tray with pre-drilled holes for best and easy organization in the workshop.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
7pc Torx key wrenches with comfort grip set with rack T9, T10, T15, T20, T25, T30, T40 and rack	7	1	**4932498690**	4058546525590

Nut driver with t-handle grip

NEW



- T-STRIKE™ provides a striking cap for protection to the tool itself and better access to rounded or rusted bolts, while having an all-metal core for extra-durability.
- Short end has a deep hex socket for more durability and on the long side deep 12-point socket for better access in hard-to-reach spots.
- Deep sockets to work on bolts with long threads.
- Quick and easy size identification with markings on the tool and on the storage holder.

Size (mm)	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
5	180	1	1	**4932498705**	4058546525743
5.5	180	1	1	**4932498706**	4058546525750
6	200	1	1	**4932498707**	4058546525767
7	200	1	1	**4932498708**	4058546525774
8	220	1	1	**4932498709**	4058546525781
9	220	1	1	**4932498710**	4058546525798
10	236	1	1	**4932498711**	4058546525804
11	236	1	1	**4932498712**	4058546525811
12	255	1	1	**4932498713**	4058546525828
13	255	1	1	**4932498714**	4058546525835
14	275	1	1	**4932498715**	4058546525842

Nut driver wrenches with comfort grip set

NEW



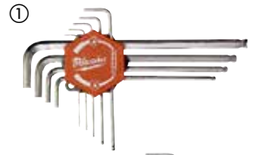
- T-STRIKE™ provides a striking cap for protection to the tool itself and better access to rounded or rusted bolts, while having an all-metal core for extra-durability.
- Short end has a deep hex socket for more durability and on the long side deep 12-point socket for better access in hard-to-reach spots.
- Deep sockets to work on bolts with long threads.
- Quick and easy size identification with markings on the tool and on the storage holder.
- Magnetic storage tray with pre-drilled holes for best and easy organization in the workshop.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
7pc Nut driver with comfort grip set with rack 5mm, 6mm, 7mm, 8mm, 10mm, 12mm, 13mm and rack	7	1	**4932498704**	4058546525736

L-Form hex key sets

- Twist and lock case for easy access to keys.
- Ball end for up to 30° access to screw.
- Size identification to easily identify the key.
- Lanyard hole for easy attachment to the Milwaukee lanyard range allowing use at height.

	Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Hex Keys 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	-	9	1	**4932478621**	4058546348144
	Hex Key - 1.5mm	91.5	1	1	**4932492409**	4058546417765
	Hex Key - 2mm	102	1	1	**4932492410**	4058546417772
	Hex Key - 2.5mm	114.5	1	1	**4932492411**	4058546417789
	Hex Key - 3mm	129	1	1	**4932492412**	4058546417796
	Hex Key - 4mm	144	1	1	**4932492413**	4058546417802
	Hex Key - 5mm	165	1	1	**4932492414**	4058546417819
	Hex Key - 6mm	186	1	1	**4932492415**	4058546417826
	Hex Key - 8mm	208	1	1	**4932492416**	4058546417833
	Hex Key - 10mm	234	1	1	**4932492417**	4058546417840
②	Compact Hex Key 9pc Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	-	9	1	**4932492399**	4058546417666
	Compact Hex Key - 1.5mm	46.5	1	1	**4932492400**	4058546417673
	Compact Hex Key - 2mm	52	1	1	**4932492401**	4058546417680
	Compact Hex Key - 2.5mm	58.5	1	1	**4932492402**	4058546417697
	Compact Hex Key - 3mm	66	1	1	**4932492403**	4058546417703
	Compact Hex Key - 4mm	74	1	1	**4932492404**	4058546417710
	Compact Hex Key - 5mm	85	1	1	**4932492405**	4058546417727
	Compact Hex Key - 6mm	96	1	1	**4932492406**	4058546417734
	Compact Hex Key - 8mm	108	1	1	**4932492407**	4058546417741
	Compact Hex Key - 10mm	122	1	1	**4932492408**	4058546417758

① 

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L-Form torx key set

- Unique patented twist and lock function case to allow easy access to keys.
- Torx ball end allows for 25° access to any torx screw.
- Size labels directly at the keys for easy and quick identification of the tool.
- Long keys for extra reach in hard-to-reach spaces.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.

	Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	9 PC L-Form Torx Key Set T8, T9, T10, T15, T20, T25, T27, T30, T40	-	9	1	**4932492693**	4058546475642
	Torx Key - T8	91.5	1	1	**4932492694**	4058546475659
	Torx Key - T9	102	1	1	**4932492695**	4058546475666
	Torx Key - T10	114.5	1	1	**4932492696**	4058546475673
	Torx Key - T15	129	1	1	**4932492697**	4058546475680
	Torx Key - T20	144	1	1	**4932492698**	4058546475697
	Torx Key - T25	165	1	1	**4932492699**	4058546475703
	Torx Key - T27	186	1	1	**4932492700**	4058546475710
	Torx Key - T30	208	1	1	**4932492701**	4058546475727
	Torx Key - T40	234	1	1	**4932492702**	4058546475734
②	9 PC compact L-form Torx key set T8, T9, T10, T15, T20, T25, T27, T30, T40	-	9	1	**4932492703**	4058546475741
	Compact torx key - T8	46.5	1	1	**4932492704**	4058546475758
	Compact torx key - T9	52	1	1	**4932492705**	4058546475765
	Compact torx key - T10	58.5	1	1	**4932492706**	4058546475772
	Compact torx key - T15	66	1	1	**4932492707**	4058546475789
	Compact torx key - T20	74	1	1	**4932492708**	4058546475796
	Compact torx key - T25	85	1	1	**4932492709**	4058546475802
	Compact torx key - T27	96	1	1	**4932492710**	4058546475819
	Compact torx key - T30	108	1	1	**4932492711**	4058546475826
	Compact torx key - T40	122	1	1	**4932492712**	4058546475833

① 

② 

L-form hex key set

- Pivoting key holder for easy access to keys.
- Ball end for up to 30° access to screw.
- High contrast size markings to easily identify the key.
- Easy key ID with lasting laser etched markings.
- Offset slots for quick key access.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
13pc Imperial L-form hex key set	13	1	**4932493615**	4058546484866

3/8˝, 5/16˝, 1/4˝, 7/32˝, 3/16˝, 5/32˝, 9/64˝, 1/8˝, 7/64˝, 3/32˝, 5/64˝, 1/16˝, 0.05˝

Folding Key Sets

- Foldable keys enable easy access & storage solution
- High contrast size callouts for quick and easy identification
- Ergonomically handle provides comfortable and secure grip
- Metal housing for increased durability



	Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	8pc Metric folding hex key set 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm	118	8	1	**4932480978**	4058546412630
②	8pc Folding Torx key set T9, T10, T15, T20, T25, T27, T30, T40	118	8	1	**4932480979**	4058546412647
③	9pc Imperial folding hex key set 5/64˝, 3/32˝, 7/64˝, 1/8˝, 9/64˝, 5/32˝, 3/16˝, 7/32˝, 1/4˝	116	9	1	**4932493614**	4058546484859



Tri-lobe screwdrivers

- Comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Permanent visible ID markings allows for quick tool identification.
- Landyard hole for easy attachment to a safety system.
- Hardened magnetic tips for maximum durability and fastener retention.
- Anti role, 3 sided collar on the handle
- Wrench ready shank allows extra leverage to be applied.



	Description	Shank type	Pack quantity	Min. order quantity	Article Number	EAN Code
Slotted	SL 0.4 x 2 x 65	Round	1	1	**4932471773**	4058546296728
	SL 0.4 x 2.5 x 75	Round	1	1	**4932471774**	4058546296735
	SL 0.5 x 3 x 75	Round	1	1	**4932471775**	4058546296742
	SL 0.5 x 3 x 150	Round	1	1	**4932471776**	4058546296759
	SL 0.6 x 3.5 x 100	Round	1	1	**4932471777**	4058546296766
	SL 0.8 x 4 x 100	Round	1	1	**4932471778**	4058546296773
	SL 1.0 x 5.5 x 125	Round	1	1	**4932471779**	4058546296780
	SL 1.2 x 6.5 x 45	Wrench ready	1	1	**4932471780**	4058546296797
	SL 1.2 x 6.5 x 125	Wrench ready	1	1	**4932471781**	4058546296803
	SL 1.2 x 8 x 150	Wrench ready	1	1	**4932471782**	4058546296810
	SL 1.6 x 8 x 175	Wrench ready	1	1	**4932471783**	4058546296827
	SL 1.2 x 10 x 200	Wrench ready	1	1	**4932471784**	4058546296834
Philips	PH0 x 75	Wrench ready	1	1	**4932471785**	4058546296841
	PH1 x 100	Wrench ready	1	1	**4932471786**	4058546296858
	PH2 x 45	Wrench ready	1	1	**4932471787**	4058546296865
	PH2 x 125	Wrench ready	1	1	**4932471788**	4058546296872
	PH3 x 150	Wrench ready	1	1	**4932471789**	4058546296889
Pozidrive	PZ0 x 75	Wrench ready	1	1	**4932471790**	4058546296896
	PZ1 x 100	Wrench ready	1	1	**4932471791**	4058546296902
	PZ2 x 45	Wrench ready	1	1	**4932471792**	4058546296919
	PZ2 x 125	Wrench ready	1	1	**4932471793**	4058546296926
	PZ3 x 150	Wrench ready	1	1	**4932471794**	4058546296933
TORX	T6 x 65	Round	1	1	**4932471795**	4058546296940
	T7 x 65	Round	1	1	**4932471796**	4058546296957
	T8 x 65	Round	1	1	**4932471797**	4058546296964
	T9 x 75	Round	1	1	**4932471798**	4058546296971
	T10 x 75	Round	1	1	**4932471799**	4058546296988
	T15 x 75	Round	1	1	**4932471800**	4058546296995
	T20 x 100	Round	1	1	**4932471801**	4058546297008
	T25 x 100	Round	1	1	**4932471802**	4058546297015
	T30 x 125	Round	1	1	**4932471803**	4058546297022
	T40 x 125	Round	1	1	**4932471804**	4058546297039

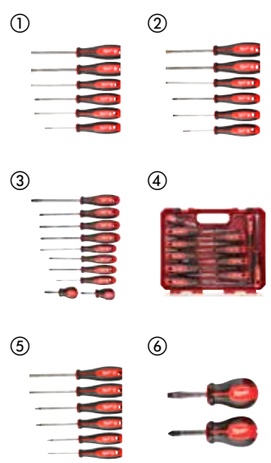








	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**Tri-lobe screwdriver set 1 (6 pc)** PZ1 / PZ2 / SL3 / SL4 / SL5.5 / SL6.5	6	1	**4932471806**	4058546297053
②	**Tri-lobe screwdriver set 2 (6 pc)** PH1 / PH2 / SL3 / SL4 / SL5.5 / SL6.5	6	1	**4932471807**	4058546297060
③	**Tri-lobe screwdriver set 3 (10 pc)** PZ1 / PZ2 / PH1 / PH2 / SL3 / SL5.5 / SL6.5 / SL8 / PH2X45 / SL6.5 x 45	10	1	**4932471808**	4058546297077
④	**Tri-lobe screwdriver set 4 (12 pc)** PZ0 / PZ1 / PZ2 / PH0 / PH1 / PH2 / SL2.5 / SL4 / SL5.5 / SL6.5 / SL6.5 / SL8	12	1	**4932472003**	4058546323998
⑤	**Tri-lobe screwdriver Torx set (6 pc)** T10 / T15 / T20 / T25 / T30 / T40	6	1	**4932471809**	4058546297084
⑥	**Tri-lobe screwdriver stubby set (2 pc)** PZ2 x 45mm / SL6.5 x 45mm	2	1	**4932471810**	4058546297091



Tri-lobe demolition screwdriver

- Hammer ready strike caps.
- All metal core.
- Wrench ready shank.
- Comfortable Tri-Lobe handle.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Tri-lobe demolition screwdriver set PH2 / SL7.9 mm	2	1	**4932471872**	4058546297718

Demolition driver

- Hardened all metal core giving maximum shank durability.
- Multiple striking caps to give user more force when prying and chiseling.

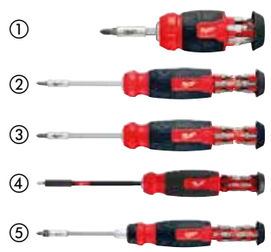


Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Demo driver	287	1	1	**4932480975**	4058546412609

Multi-Bit screwdriver

- In-handle bit storage for quick and easy bit access.
- Easy visible when a bit is missing.
- Removable bit holder for access in tighter spaces.
- Power-tool ready bit holder with a ¼″ reception.
- Double-sided bits in the 27 in 1 multi-bit screwdriver for widest range of applications.Laser engraved sizing on the bits for easier identification.

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	8 in 1 Compact Multi-Bit Screwdriver PH1 / PH2 / PZ1 / PZ2 / T15 / SL 0.6x4.5 / SL 1.2x6.5	1	6	**4932492807**	4058546476786
②	14 in 1 Multi-Bit Screwdriver Hex 3 mm / Hex 4 mm / Hex 5 mm / PH1 / PH2 / PZ1 / PZ2 / T10 / T15 / T20 / T25 / SL 0.8x5.5 / SL 1.2x6.5	1	6	**4932492806**	4058546476779
③	14 in 1 Torx Multi-Bit Screwdriver PH1 / PH2 / T6 / T7 / T8 / T9 / T10 / T15 / T20 / T25 / T27 / T30 / T40	1	6	**4932492810**	4058546476816
④	14 in 1 Shockwave Multi-Bit Screwdriver Hex 3mm/ Hex 4mm/ Hex 5mm/ PH1 / PH2 / PZ1 / PZ2 / T10 / T15 / T20 / T25 / SL 0.8x5.5 / SL 1.2x6.5	1	1	**4932498174**	4058546520434
⑤	27 in 1 Multi-Bit Screwdriver Hex 2 mm & Hex 3mm / Hex 2.5mm & Hex 4mm / Hex 5mm & Hex 6mm / PH0 & SL 1.2x6.5 / PH1 & SL 0.6x4.5 / PH2 & SL 0.5x5.0 / PH3 & SL 0.8x5.5 / T10 & T15 / T20 & T30 / PZ1 & T25 / PZ2 & T27 / PZ3 & T40 / Hex 1.5mm & T9	1	6	**4932492808**	4058546476793





Ratcheting multi-bit screwdriver

- In-handle bit storage for quick and easy bit access.
- Easy visible when a bit is missing.
- Removable bit holder for access in tighter spaces.
- Power-tool ready bit holder with a ¼" reception.
- Double-sided bits in the 27 in 1 ratchet multi-bit screwdriver for widest range of applications.
- Laser engraved sizing on the bits for easier identification.





	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	8 in 1 Compact Ratcheting Multi-Bit Screwdriver PH1 / PH2 / PZ1 / PZ2 / T15 / SL 0.6x4.5 / SL 1.2x6.5	1	6	**4932480581**	4058546408664
②	14 in 1 Ratchet Multi-Bit Screwdriver Hex 3 mm / Hex 4 mm / Hex 5 mm / PH1 / PH2 / PZ1 / PZ2 / T10 / T15 / T20 / T25 / SL 0.8x5.5 / SL 1.2x6.5	1	6	**4932480582**	4058546408671
③	27 in 1 Ratchet Multi-Bit Screwdriver Hex 2 mm & Hex 3mm / Hex 2.5mm & Hex 4mm / Hex 5mm & Hex 6mm / PH0 & SL 1.2x6.5 / PH1 & SL 0.6x4.5 / PH2 & SL 0.5x5.0 / PH3 & SL 0.8x5.5 / T10 & T15 / T20 & T30 / PZ1 & T25 / PZ2 & T27 / PZ3 & T40 / Hex 1.5mm & T9	1	6	**4932480583**	4058546408688
④	2 pc Ratcheting and Compact Ratcheting Multi-Bit Screwdriver Kit 14 in 1 Ratchet Multi-Bit Screwdriver - 4932480582, 8 in 1 Compact Ratcheting Multi-Bit Screwdriver - 4932480581	1	6	**4932492811**	4058546476823

8 in 1 compact ratcheting multi-bit screwdriver

- Full metal high torque ratchet for 2x driving speed and control.
- Chrome plated marine grade rust protected bits.
- Revolver style bit storage in handle.
- Precision hardened bit tips: Durable driving tips for secure fitment and long life.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
8 in 1 compact ratcheting multi-bit screwdriver PH1 / PH2 / PZ1 / PZ2 / T15 / SL4.8 / SL6.4	1	1	**4932471868**	4058546297671

9 in 1 ratcheting multi-bit screwdriver

- Ergonomic 152 mm long screwdriver with ¼" Hex nut driver (in reception) and built in loop maker.
- Full metal high torque ratchet for 2x driving speed and control.
- 88 mm long power groove bits, power tool compatibility.
- Precision hardened bit tips: Durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- Chrome plated marine grade rust protected bits.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
9 in 1 ratchet multi-bit screwdriver - universal PH1 / PH2 / PZ1 / PZ2 / T15 / T20 / Slotted 0.8 x 5.5 mm	1	12	**4932471598**	4058546294977

Precision Multi-Bit Screwdriver

- 360° rotating back cap, giving greater control for speed and precision and optimised for any kind of maintenance applications.
- On-board bit storage for an easy access to the bits and no carrying case needed.
- Double-sided bits for a quick bit switching.
- Non-slip grip for comfortable handling and maximum control.





	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	4 in 1 Precision Multi-Bit Screwdriver PH00 & SL 0.23x1.5 / PH0 & SL 0.5x3.0	1	6	**4932480584**	4058546408695
②	4 in 1 Torx Precision Multi-Bit Screwdriver T B08 & T B015 / T B07 & T B010	1	1	**4932498175**	4058546520441
	27 in 1 Precision Multi-Bit Screwdriver	1	1	**4932498176**	4058546520458
③	PH0 & PH2 / PH00 & PH1 / PH000 & SL2.5 / SL1 & SL3 / SL2 & H1.3mm / H0.9mm & HT 2.5mm / T4 & H1.5mm/ T3 & HT 2mm / T B05 & T B08 / T B07 & T B010 / T B06 & S0 / PL2 & PL5 / Y000 & Y0				

39 in 1 Precision Screwdriver Set

- 360° rotating back cap, giving greater control for speed and precision and optimised for any kind of maintenance applications.
- Supplied in a durable PACKOUT™ compatible case designed to get the bits out easily.
- Dual-length shank providing a compact and a standard size.
- Non-slip grip for comfortable handling and maximum control.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
39 in 1 Precision Screwdriver Set with Case PH2 / PH1 / PH0 / PH00 / PH000 / SL3.5 / SL3 / SL2.5 / SL2 / SL1.5 / SL1 / SPANNER 6 / SPANNER 4 / S0 / HT3.5mm / HT3mm / HT2.5mm / HT2mm / H1.5mm / H1.3mm / H0.9mm / T B015 / T B010 / T B09 / T B08 / T B07 / T B06 / T B05 / T4 / T3 / Y1 / Y0 / Y000 / P5 / P2 / TA3 / TA2 / SQ2 / SQ1	1	1	**4932498177**	4058546520465

Precision screwdrivers

- All metal core for improved durability.
- 360° rotating back cap.
- Chrome plated shanks increase tool life by reducing corrosion.
- Durable case with robust zipper included to store tools.
- Longer shanks for improved visibility and extended reach.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Precision screwdriver set (6 pc) PH00 / PH0, SL1.6 / SL2 / SL3.2 / SL4	6	1	**4932471869**	4058546297688
Torx precision screwdriver (6 pc) T6, T7, T8, T9, T10, T15	6	1	**4932471870**	4058546297695

HOLLOWCORE™ Magnetic Nut Drivers

- HOLLOWCORE™ unlimited depth handle for use on long threaded rod while driving and fastening.
- 6 point head for better fit on common fasteners.
- Magnetic retention driver heads for secure fitment in fastening applications.
- Wrench ready hex shank for added leverage.
- Tri-lobe handle delivers more torque during applications.
- Colour coded ID markings allow for quick tool identification on jobsite.



Description	Size (mm)	Colour code	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
5mm HOLLOWCORE™ Magnetic Nut Driver	5	Black	-	1	1	**4932479884**	4058546376789
5.5mm HOLLOWCORE™ Magnetic Nut Driver	5.5	Brown	M3	1	1	**4932479885**	4058546376796
6mm HOLLOWCORE™ Magnetic Nut Driver	6	Red	M3.5	1	1	**4932479886**	4058546376802
7mm HOLLOWCORE™ Magnetic Nut Driver	7	Orange	M4	1	1	**4932479887**	4058546376819
8mm HOLLOWCORE™ Magnetic Nut Driver	8	Yellow	M5	1	1	**4932479888**	4058546376826
10mm HOLLOWCORE™ Magnetic Nut Driver	10	Blue	M6	1	1	**4932479889**	4058546376833
13mm HOLLOWCORE™ Magnetic Nut Driver	13	Orange	M8	1	1	**4932479890**	4058546376840
17mm HOLLOWCORE™ Magnetic Nut Driver	17	Green	M10	1	1	**4932498571**	4058546524401
HOLLOWCORE™ Magnetic Nut Driver Set - 7 pc	5 , 5.5, 6, 7, 8, 10, 13	-	M3 - M8	7	1	**4932500080**	4058546572440

HOLLOWCORE™ Nut Drivers

- HOLLOWCORE™ unlimited depth handle for use on long threaded rod while driving and fastening.
- 6 point head for better fit on common fasteners. Wrench ready hex shank for added leverage.
- Tri-lobe handle delivers more torque during applications.
- Colour coded ID markings allow for quick tool identification on jobsite.



Description	Size (mm)	Colour code	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
5mm HOLLOWCORE™ Nut Driver	5	Black	-	1	1	**4932492365**	4058546417321
5.5mm HOLLOWCORE™ Nut Driver	5.5	Brown	M3	1	1	**4932492366**	4058546417338
6mmHOLLOWCORE™ Nut Driver	6	Red	M3.5	1	1	**4932492367**	4058546417345
7mm HOLLOWCORE™ Nut Driver	7	Orange	M4	1	1	**4932492368**	4058546417352
8mm HOLLOWCORE™ Nut Driver	8	Yellow	M5	1	1	**4932492369**	4058546417369
10mm HOLLOWCORE™ Nut Driver	10	Blue	M6	1	1	**4932492370**	4058546417376
13mmHOLLOWCORE™ Nut Driver	13	Orange	M8	1	1	**4932492371**	4058546417383
17mm HOLLOWCORE™ Nut Driver	17	Green	M10	1	1	**4932498572**	4058546524418
HOLLOWCORE™ Nut Driver Set - 7 pc	5, 5.5, 6, 7, 8, 10, 13	-	M3 - M8	7	1	**4932500081**	4058546572457

Multi-Nut Driver

NEW

- 3 SHOCKWAVE™ IMPACT DUTY flip nut drivers with 7, 8, 10, 12, 13 and 17mm.
- Designed to hold more nut drivers in one solution.
- Shank and nut drivers compatible with impact drivers.
- Magnetic SHOCKWAVE™ IMPACT DUTYshank.
- On shank storage for easy access.
- Anti-peel cushion grip provides the best ergonomics.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
6 in 1 Impact Multi-Nut Driver	1	1	**4932498179**	4058546520489

Tri-Lobe VDE screwdrivers

- VDE tested to 10, 000 V and guaranteed to 1,000 V.
- Slim shank diameter for access to low lying screw applications.
- Comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Permanent visible ID markings allows for quick tool identification.
- Anti role, 3 sided collar on the handle
- Landyard hole for easy attachment to a safety system.



	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	Tri-Lobe VDE screwdriver - slotted 0.4 x 2.5 x 75	1	1	**4932478712**	4058546349059
	Tri-Lobe VDE screwdriver - slotted 0.5 x 3 x 100	1	1	**4932478713**	4058546349066
	Tri-Lobe VDE screwdriver - slotted 0.6 x 3.5 x 100	1	1	**4932478714**	4058546349073
	Tri-Lobe VDE screwdriver - slotted 0.8 x 4 x 100	1	1	**4932478715**	4058546349080
	Tri-Lobe VDE screwdriver - slotted 1.0 x 5.5 x 125	1	1	**4932478716**	4058546349097
	Tri-Lobe VDE screwdriver - slotted 1.2 x 6.5 x 150	1	1	**4932478717**	4058546349103
	Tri-Lobe VDE screwdriver - slotted 1.6 x 8 x 175	1	1	**4932478718**	4058546349110
	Tri-Lobe VDE screwdriver PH0 x60	1	1	**4932478720**	4058546349134
	Tri-Lobe VDE screwdriver PH1 x80	1	1	**4932478721**	4058546349141
	Tri-Lobe VDE screwdriver PH2 x100	1	1	**4932478722**	4058546349158
	Tri-Lobe VDE screwdriver PH3 x150	1	1	**4932478723**	4058546349165
	Tri-Lobe VDE screwdriver PZ0 x60	1	1	**4932478724**	4058546349172
	Tri-Lobe VDE screwdriver PZ1 x80	1	1	**4932478725**	4058546349189
	Tri-Lobe VDE screwdriver PZ2 x100	1	1	**4932478726**	4058546360085
	Tri-Lobe VDE screwdriver PZ3 x150	1	1	**4932478727**	4058546360092
	Tri-Lobe VDE screwdriver T10 x60	1	1	**4932478728**	4058546360108
	Tri-Lobe VDE screwdriver T15 x75	1	1	**4932478729**	4058546360115
	Tri-Lobe VDE screwdriver T20 x100	1	1	**4932478730**	4058546360122
	Tri-Lobe VDE screwdriver T25 x100	1	1	**4932478731**	4058546360139
	Tri-Lobe VDE screwdriver T30 x100	1	1	**4932478732**	4058546360146
	Tri-Lobe VDE screwdriver PH/S L1 x80	1	1	**4932478733**	4058546360153
	Tri-Lobe VDE screwdriver PH/ SL2 x100	1	1	**4932478734**	4058546360160
	Tri-Lobe VDE screwdriver PZ/ SL1 x80	1	1	**4932478735**	4058546360177
	Tri-Lobe VDE screwdriver PZ/ SL2 x100	1	1	**4932478736**	4058546360184
	Voltage tester 0.5 x 3 x 65	1	1	**4932478719**	4058546349127
①	**Tri-Lobe VDE screwdriver set - 5 pc** PZ1 / PZ2 / SL3 / SL4 and voltage tester	5	1	**4932478737**	4058546360191
②	**Tri-Lobe VDE screwdriver PZ set - 7 pc** SL2.5 / SL3 / SL4, PH2, PZ1 / PZ2 and voltage tester	7	1	**4932478738**	4058546360207
③	**Tri-Lobe VDE screwdriver PH set - 7 pc** SL2.5 / SL3 / SL4 / SL5.5 / PH1 / PH2 and voltage tester	7	1	**4932478739**	4058546360214
④	**Tri-Lobe VDE screwdriver 12 pc set** SL2.5 / SL3 / SL4 / SL5.5 / PH1 / PH2 / PZ1 / PZ2 / T10 / T15 / T20 and voltage tester	12	1	**4932479095**	4058546368890

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Insulated Multi-Bit Screwdriver

- VDE (DIN EN/IEC 60900) certified tools for added security. Tested to 10,000 volts and guaranteed to 1,000 volts.
- Slim shank diameter for easier access to low lying screws.
- Compact, soft pouch included for quick and easy bit access.
- Laser engraved sizing on the bits for easier identification.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.

	Description	Min. order quantity	Pack quantity	Article Number	EAN Code
①	Insulated 10 in 1 Multi-Bit Screwdriver Set PH1 / PH2 / PZ1 / PZ2 / T10 / T15 / T20 / T25 / SL5.5 / SL/PZ2	1	1	**4932493657**	4058546485283
②	Insulated 4 in 1 Torx Multi-Bit Screwdriver Set T10 / T15 / T20 / T25	1	1	**4932493658**	4058546485290
③	Insulated 8 in 1 Precision Multi-Bit Screwdriver Set PH00 / PH0 / PZ0 / SL2 / T6 / T7 / T8 / T10	1	1	**4932493659**	4058546485306

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Automatic Wire Stripper

- Fully automatic, self-adjusting wire stripper for all common stranded and solid wires from 0.2 mm²to 16 mm².
- Adjustable length stop from 5 mm to 25 mm for precise working.
- Integrated side cutter to cut wires up to 3 mm Cu/Al.
- The slim head design allows easier access to difficult areas.
- Two component handle design for comfortable handling and maximum force transmission.
- Locking mechanism for a safe storage and space-saving.
- Integrated name tag to customise the tool.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.



Description	Min. order quantity	Pack quantity	Article Number	EAN Code
Automatic Wire Stripper	1	1	**4932498268**	4058546521370

Cable Stripper

- Increased cable strip capacity for all standard round cables with a diameter of 4 mm to 28 mm.
- The adjusting wheel helps to regulate and adjust the cutting depth.
- Automatic changeover from round to longitudinal cut.
- Integrated hook blade for more versatility. Safety cap on the blade reduces the risk of injury.
- Two component handle design for comfortable handling and non-slip.





Description	Min. order quantity	Pack quantity	Article Number	EAN Code
Cable Stripper	1	1	**4932498269**	4058546521387

4 in 1 Multi-Purpose Stripper

- Cable stripping of all common round and flat cable. Standard round cable strip capacity with a diameter of 6 mm to 13 mm. Standard flat cable up to a width of 18mm.
- Automatic changeover from round to longitudinal cut.
- Wire stripping capacity for all standard stranded and solid wires with the sizes 0.5 mm², 0.8 mm² , 1.5 mm² , 2.5 mm² , 4 mm² , 6 mm².
- Cutting blade depth easy adjustable from 0-3mm with a lockable adjusting screw.
- Built in loop maker to bend conductors to loop.
- Ergonomically shaped handle and ridges on the housing to not slip off while working.





Description	Min. order quantity	Pack quantity	Article Number	EAN Code
4 in 1 Multi-Purpose Stripper	1	1	**4932498270**	4058546521394

Multi-Purpose Wire Stripper with Crimper

- Wire stripping capacity for 6 sizes from 0.75mm², 1 mm², 1.5mm², 2.5 mm², 4 mm² to 6mm².
- Wire cutter with double-sided laser hardened cutting edges for the best cut.
- Bolt cutter for M2.5, M3, M3.5, M4 and M5.
- Integrated crimper for insulated and noninsulated terminals.
- The cutting and stripping holes are positioned in front of the pivot to easily fit into tight spaces.
- Ergonomic handle and spring loaded design for fast, one-handed use.
- Rust protection increases tool life by reducing corrosion.



Description	Min. order quantity	Pack quantity	Article Number	EAN Code
Multi-Purpose Wire Stripper with Crimper	1	1	**4932493816**	4058546509767

Fish tape

- High flexibility tape for easier feeding.
- Thicker tape for better pushing.
- Triple strand design, won't kink.
- Low friction case for smooth pay out.
- Square inner grip for easier winding.

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	Description	Length (m)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Steel fish tape 7.5 m	7.5	1	1	**4932472120**	4058546325169
	Steel fish tape 15 m	15	1	1	**4932472121**	4058546325176
②	Polyester fish tape 15 m	15	1	1	**4932472118**	4058546325145
	Polyester fish tape 30 m	30	1	1	**4932472119**	4058546325152

Ratcheting Insulated Terminals Crimper

- 3 crimping cavities to crimp multiple size connectors with one tool. Red (0.3 - 1.0mm²), blue (1.5 - 2.5mm²) and yellow (4.0 - 6.0mm²).
- Dual-ratcheting action provides a full, complete crimp that ensures secure connections.
- High-contrast color-coded markings provides better visibility.
- Quick-release lever for increased productivity.
- Ergonomic handle designed with comfort grips that will not peel.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Ratcheting Insulated Terminals Crimper	1	1	**4932499025**	4058546528942

PLIERS





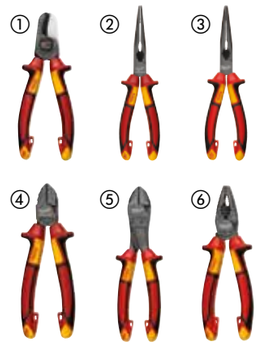






VDE pliers

- VDE (DIN EN/IEC 60900) certified tools. Tested to 10,000 volts and guaranteed to 1,000 volts. Tested against cold to -40°.
- Steel blades are fully forged , hardened and tempered for best durability . Grey titanium surface finish is non reflective and ensures maximum corrossion resistance.
- Induction hardened cutting edges to cut even the hardest of materials.
- Precision machined joint for maximum power transmission with optimum leverage for easy and effortless work.
- Ergonomic grip with softgrip for comfortable handling and good grip.





Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① VDE cable cutter	160	1	1	**4932464562**	4058546225070
	210	1	1	**4932464563**	4058546225087
② VDE long round nose plier	205	1	1	**4932464564**	4058546225094
③ VDE long 45 deg. round nose pliers	205	1	1	**4932464565**	4058546225100
④ VDE diagonal cutter	145	1	1	**4932464566**	4058546225117
	160	1	1	**4932464567**	4058546225124
	180	1	1	**4932464568**	4058546225131
⑤ VDE heavy duty diagonal cutter	180	1	1	**4932464569**	4058546225148
	200	1	1	**4932464570**	4058546225155
⑥ VDE combination plier	165	1	1	**4932464571**	4058546225162
	180	1	1	**4932464572**	4058546225179
⑦ VDE wire stripping plier	160	1	1	**4932464573**	4058546225186
⑧ VDE water pump plier	240	1	1	**4932464574**	4058546225193
⑨ VDE plier set (3 pc) - Diagonal cutter (160 mm), long nose plier (205 mm), combi plier (180 mm)	3	1	1	**4932464575**	4058546225209

Slip Joint Pliers

NEW

- Large Capacity with up to 9mm more jaw capacity in each of the 3 settings, reducing amount of adjustment needed throughout work on different sizes of nuts, bolts, etc..
- Multi-Functional Gripping Zones With Maxbite™- combines front & side grip, allows tight & precise grip in wide variety of shapes (e.g. nails, wires, nuts, hose clamps and snap rings) with counter-aligned teeth for perfect grip of rounded off fasteners, bolts & screws.
- Slim Design & Head Shape for optimal access to tight spaces and odd angles e.g. when gripping bolts; perfect for axial rotations.
- Lanyard Hole ensuring increased safety and preventing accidental drops when working at heights.
- Grip Handle with comfortable and firm grip through rubber anti-peel material which is easy to clean.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Slip Joint Pliers 200mm	1	1	**4932501153**	4058546649623

Pliers Wrenches

NEW

- Smooth Jaws for damage free work on chrome surfaces e.g. installation of fittings.
- Large Jaw Capacity with up to 12 mm more jaw opening than main competition in same sizes Plier wrench allowing a reduction in tool switching for different size fasteners.
- Smooth Quick Adjust Button for fast & precise size changes directly on the workpiece.
- Best Ratchet-Ability - best range of additional motion at each setting, allows quicker tightening & loosening of fasteners.
- Fully covered handle to avoid reaming, prying & prevent scratching on chrome surfaces.
- Comfortable and firm grip through rubber anti-peel material which is easy to clean.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Pliers Wrench 125 mm	1	1	**4932501148**	4058546624507
② Pliers Wrench 180 mm	1	1	**4932501149**	4058546624514
③ Pliers Wrench 250 mm	1	1	**4932501150**	4058546624521
④ Pliers Wrench 300 mm	1	1	**4932501151**	4058546624538
⑤ 2pc Pliers Wrench set 180 mm & 250 mm	2	1	**4932501152**	4058546624545

Pliers

- Precision machined joint for maximum power transmission with optimum leverage for up to 60% less effort needed.
- Induction hardened cutting edges to cut even the hardest of materials.
- Grey titanium surface finish is non reflective and ensures maximum corrosion resistance.
- Two component handle design for comfortable handling and ergonomic grip.
- The combination plier and long nose plier features an Integrated ring spanner to tighten or untighten metric bolts (M8 to M10) .
- The combination plier have a Gripping zone with integrated nail bender and holder.Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.
- The adjustable water pump plier features a push button for quick and precise adjustments on the workpiece.
- Double toothed jaw for maximum grip and Induction hardened teeth with self-locking serration to not slipp on the workpiece.
- The adjustable water pump plier has an integrated nail and wire holder.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Combination Plier - 165mm	1	1	4932492461	4058546418281
Combination Plier - 180mm	1	1	4932492462	4058546418298
② Diagonal Cutting Plier - 160mm	1	1	4932492463	4058546418304
③ Heavy Duty Diagonal Cutting Plier - 200mm	1	1	**4932492464**	4058546418311
④ Long Nose Plier - 205mm	1	1	**4932492465**	4058546418328
⑤ 45° Long Nose Plier - 205mm	1	1	4932492466	4058546418335
⑥ Adjustable Water Pump Plier - 180mm	1	1	**4932492458**	4058546418250
Adjustable Water Pump Plier - 250mm	1	1	**4932492459**	4058546418267
Adjustable Water Pump Plier - 300mm	1	1	**4932492460**	4058546418274
⑦ 3 Piece Plier Set	3	1	**4932492773**	4058546476441

1 x Combination plier 180mm 4932492462, 1x Long nose plier 205mm 4932492465, 1 x Diagonal cutting plier 160mm 4932492463

Nipping pliers

- Iron carbide edge: Longer blade life.
- Comfort grips: More comfortable than dipped plastic. Grips will not peel.
- Smooth head: Will not mark surface during pull / pry applications.
- Forged design: Tool durability in abusive environments.
- Rust protection: Black oxide finish protect from rust.



Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Nipping pliers	180	1	1	**48226407**	045242356096

Fencing plier

- Multi-purpose design with 6 different features including a staple puller, staple pincher, fencing wire cutter, fencing wire puller, fencing wire crimper and general purpose hammer.
- Forged head design for the toughest applications.
- Comfort grip handle design that will not peel.
- Black oxide finish protects from rust and is optimal for tough jobsite conditions.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Fencing Plier	1	1	**4932493926**	4058546510862

7 in 1 wire stripping pliers

- Wire stripper : Strips wire sizes 0.75 mm², 1.0 mm², 1.5 mm², 2.5 mm², 4.0 mm², 6.0 mm².
- Wire cutter: With curved laser hardened cutting edges.
- Plier suitable for gripping and bending cables.
- Reaming head for smoothing 12 - 25 mm pipe.
- Loop maker: Built in loop maker function for wire.
- Integrated crimper.
- Integrated bolt cutter.
- One-handed swing lock: Easy one-handed use and remains locked while in pouch. Spring loaded for easy opening.
- Rust protection increases tool life by reducing corrosion.





Description	Stripping capacities (mm²)	Cutting capacity in hard wire 1800N/mm² (Max. Ø mm)	Cutting capacity in cable Al and Cu (Max. Ø mm)	De-burring head (Max. mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
7 in 1 combination plier	0.75, 1.0, 1.5, 2.5, 4.0, 6.0	2.5	6.0	25	1	1	**4932478554**	4058546347475

Heavy Duty Lineman's pliers

- For universal gripping, cutting applications.
- High leverage design: Long handles for maximum cutting power and leverage.
- Deburrer: Deburring ribs on head for up to 25 mm pipe. No need for extra tools.
- Nail puller: Powerful gripping and high leverage.
- Laser hardened durable cutting edges: Cuts wire, bolts, screws and nails. Extra hardened jaws to 64 HRC.
- Serrated gripping zone for strong gripping and pulling.
- Made from Chrome Vanadium steel for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- With crimping facility.





Cut cap. in hard wire (mm)	Cutting capacity soft wire (mm)	Total length (mm)	Weight (g)	Deburring head (Max. mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3.0	4.6	250	480	25	1	1	**48226100**	045242342228

PVC/Oil filter pliers

- Versatile 89mm jaw capacity in a compact 229mm size, offering a solution for multiple plumbing and automotive applications
- Comfort grips that will not peel
- Forged designs for rust protection and increased durability





Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PVC/Oil filter pliers	229	1	1	**4932492511**	4058546418786

Long reach pliers

- Deep-reach cross handles for increased reach in tight spaces for best access.
- Multi-function gripping zones for grabbing a wide variety of materials such as screws, cables and round parts.
- Single-joint grip force for more control and better grip compared to double joint.
- Textured nose maintains control when grabbing and twisting with serrated nose.





Description	Length (mm)	Tip Angle (°)	Pack quantity	Min. order quantity	Article Number	EAN Code
Long reach plier - Straight	332	0°	1	1	**4932492497**	4058546418649
Long reach plier - 45°	326	45°	1	1	**4932492498**	4058546418656
Long reach pliers 2 pc ets			2	1	**4932492499**	4058546418663
Straight long reach plier, 45° long reach plier						

Hose grip pliers

- Deep-reach cross handles for increased reach in tight spaces for best access.
- Multi-function gripping zones for grabbing a wide variety of materials such as screws, cables and round parts.
- Single-joint grip force for more control and better grip compared to double joint.
- Rounded tips to grab hoses without damaging these.





Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Small diameter hose grip plier	327	1	1	**4932492500**	4058546418670
Medium diameter hose grip plier	324	1	1	**4932492501**	4058546418687
Large diameter hose grip plier	321	1	1	**4932492502**	4058546418694
Hose grip pliers 3 pc set Small diameter hose grip plier (8mm), medium diameter hose grip plier (12.7mm), large diameter hose grip plier (19mm)		3	1	**4932492503**	4058546418700

Circlip pliers

- Easier and quicker internal-external conversion with anti-slip grooved dial.
- All-metal convertible dial for resistance against wear and prevents reduction in joint integrity.
- Slip-resistant grips with double-dipped handles.





Description	Length (mm)	Tip	Tip Angle (°)	Diameter of circle (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Small circlip plier - Straight	154	0.9mm	18°	9.5 - 25.4	1	1	**4932492487**	4058546418540
Small circlip plier - 45°	152	0.9mm	45°	9.5 - 25.4	1	1	**4932492488**	4058546418557
Small circlip plier - 90°	147	0.9mm	90°	9.5 - 25.4	1	1	**4932492489**	4058546418564
Medium circlip plier - Straight	154	1.2mm	18°	15.8 - 34.9	1	1	**4932492490**	4058546418571
Medium circlip plier - 45°	152	1.2mm	45°	15.8 - 34.9	1	1	**4932492491**	4058546418588
Medium circlip plier - 90°	147	1.2mm	90°	15.8 - 34.9	1	1	**4932492492**	4058546418595
Large circlip plier - Straight	188	1.8mm	18°	26.9 - 50.8	1	1	**4932492493**	4058546418601
Large circlip plier - 45°	186	1.8mm	45°	26.9 - 50.8	1	1	**4932492494**	4058546418618
Large circlip plier - 90°	179	1.8mm	90°	26.9 - 50.8	1	1	**4932492495**	4058546418625
Circlip pliers 9 pc set Storage case with a magnetic base, small circlip plier - straight - 0.9mm tip, small circlip plier - 45° - 0.9mm tip, small circlip plier - 90° - 1.2mm tip, medium circlip plier - straight - 1.2mm tip, medium circlip plier - 45° - 1.2mm tip, medium circlip plier - 90° - 1.2mm tip, large circlip plier - straight - 1.8mm tip, large circlip plier - 45° - 1.8mm tip, large circlip plier - 90° - 1.8mm tip					9	1	**4932492496**	4058546418632



TORQUE LOCK™ locking pliers

- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: Better grip force on jobsite material.
- Rust protection: Chrome plated tool increases life by reducing corrosion.
- Lever release design: Traditional release lever for jobsite convenience.
- MAXBITE™ pliers have special jaw geometry for maximum grip.

	Total length (mm)	Total length (inch)	Jaw type	Jaw capacity flat (mm)	Jaw opening capacity for pipe (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	170	7	MAXBITE™	-	38	1	1	**4932471730**	4058546296292
②	250	10	MAXBITE™	-	50	1	1	**4932471729**	4058546296285
③	72	4	curved	-	18	1	1	**4932493618**	4058546484897
④	127	5	curved	-	26	1	1	**4932472263**	4058546339098
⑤	170	7	curved	-	38	1	1	**4932471732**	4058546296315
⑥	250	10	curved	-	51	1	1	**4932471725**	4058546296247
⑦	250	10	flat	30	-	1	1	**4932471726**	4058546296254
⑧	100	4	flat long nose	42	-	1	1	**4932472262**	4058546339081
⑨	150	6	flat long nose	52	-	1	1	**4932471731**	4058546296308
⑩	230	9	flat long nose	76	-	1	1	**4932471733**	4058546296322
⑪	343	12	large capacity	-	90	1	1	**4932493619**	4058546484903

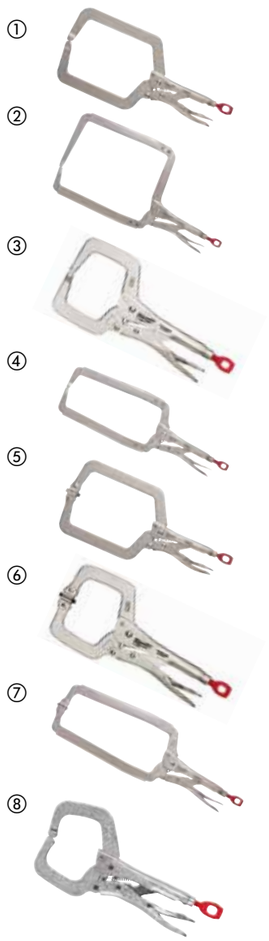




TORQUE LOCK™ locking C clamps

- TORQUE LOCK™: Faster set up and easy release when clamping flat and round materials for welding. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: Better grip force on jobsite material.
- Rust protection: Chrome plated tool increases life by reducing corrosion.
- Lever release design: Traditional release lever for jobsite convenience.

	Total length (mm)	Total length (inch)	Jaw type	Jaw capacity flat (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	230	9	Deep reach regular pointed pads	114	1	1	**4932472257**	4058546339036
②	480	18	Deep reach regular pointed pads	170	1	1	**4932472259**	4058546339050
③	280	11	Regular pointed pads	90	1	1	**4932471728**	4058546296278
④	480	18	Regular pointed pads	170	1	1	**4932472260**	4058546339067
⑤	230	9	Deep reach swivel pads	114	1	1	**4932472258**	4058546339043
⑥	280	11	Swivel pads	100	1	1	**4932471727**	4058546296261
⑦	480	18	Swivel pads	170	1	1	**4932472261**	4058546339074
⑧	152	6	Regular pointed pads	57.2	1	1	**4932493617**	4058546484880





TORQUE LOCK™ locking welder's clamp

- TORQUE LOCK™ enables faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Special U-shaped jaws for a claw-like grip on both round and square-shaped tubing during welding.
- Hardened jaws for better grip force on jobsite material.
- Chrome plated tool increases life by reducing corrosion.



Description	Length (mm)	length (Inch)	Pack quantity	Min. order quantity	Article Number	EAN Code
9" - 229mm TORQUE LOCK™ locking welder's clamp	229	9	1	1	**4932493616**	4058546484873

TORQUE LOCK™ seamer

- TORQUE LOCK™: Faster set up and easy release when clamping flat material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: Better grip force on jobsite material.
- Rust protection: Chrome plated tool increases life by reducing corrosion.
- Lever release design: Traditional release lever for jobsite convenience.
- The seamer makes all kinds of bendings, forming, crimping tasks with ease.
- It is ideal for holding sheet metal parts.



Description	Total length (mm)	Total length (inch)	Jaw capacity flat (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TORQUE LOCK™ seamer	200	8	42	1	1	**4932471734**	4058546296339

TORQUE LOCK™ chain wrench

- TORQUE LOCK™: Faster set up and easy release when clamping round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: Chrome plated tool increases life by reducing corrosion.
- Lever release design: Traditional release lever for jobsite convenience.
- Locking chain wrench holds and locks around any shape object.
- It adjusts quickly for ratchet action in either direction.



Description	Total length (mm)	Total length (inch)	Jaw opening capacity for pipe (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TORQUE LOCK™ chain wrench	270	9	79	1	1	**4932500043**	4058546572075

SPANNERS & WRENCHES











Basin wrench

- Ratchet-compatible design: Accepts 3/8″ ratchet.
- Hi-leverage design: Achieve break-away torque on stuck fasteners.
- Door-knob handle: More comfortable than square.
- Easy to adjust handle: Best-in-class adjustability.



Description	Jaw size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Basin wrench compact	10 - 32	1	1	**4932500044**	4058546572082
Basin wrench	32 - 65	1	1	**4932500045**	4058546572099

S Jaw pipe wrench

- Made of forged chrome vanadium steel and oil hardened for durability according to DIN 5234.
- Slim, S shaped 45° angled jaws for best reach in confined areas.
- Assymetric serrated induction hardened jaws for maximum grip.
- I-Beam handle design for maximum strength.



Total length (mm)	Capacity pipe [Max. ⌀ mm]	Weight (g)	Pack quantity	Min. order quantity	Article Number	EAN Code
340	52	965	1	1	**4932464576**	4058546225216
450	67	1570	1	1	**4932464577**	4058546225223
550	83	3000	1	1	**4932464578**	4058546225230

MAX BITE™ combination spanner

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- Ink-filled labels for better visibility.
- 15° offset box for better accessibility.



Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
6 mm MAX BITE™ combination spanner	128	1	1	**4932480197**	4058546404826
7 mm MAX BITE™ combination spanner	135	1	1	**4932480198**	4058546404833
8 mm MAX BITE™ combination spanner	140	1	1	**4932471516**	4058546294151
9 mm MAX BITE™ combination spanner	150	1	1	**4932471517**	4058546294168
10 mm MAX BITE™ combination spanner	158	1	1	**4932471518**	4058546294175
11 mm MAX BITE™ combination spanner	165	1	1	**4932471519**	4058546294182
12 mm MAX BITE™ combination spanner	172	1	1	**4932471520**	4058546294199
13 mm MAX BITE™ combination spanner	180	1	1	**4932471521**	4058546294205
14 mm MAX BITE™ combination spanner	190	1	1	**4932471522**	4058546294212
15 mm MAX BITE™ combination spanner	200	1	1	**4932471523**	4058546294229
16 mm MAX BITE™ combination spanner	210	1	1	**4932471524**	4058546294236
17 mm MAX BITE™ combination spanner	225	1	1	**4932471525**	4058546294243
18 mm MAX BITE™ combination spanner	235	1	1	**4932471526**	4058546294250
19 mm MAX BITE™ combination spanner	250	1	1	**4932471527**	4058546294267
20 mm MAX BITE™ combination spanner	262	1	1	**4932471528**	4058546294274
21 mm MAX BITE™ combination spanner	272	1	1	**4932471529**	4058546294281
22 mm MAX BITE™ combination spanner	295	1	1	**4932471530**	4058546294298
23 mm MAX BITE™ combination spanner	310	1	1	**4932480199**	4058546404840
24 mm MAX BITE™ combination spanner	315	1	1	**4932480200**	4058546404857
25 mm MAX BITE™ combination spanner	340	1	1	**4932480201**	4058546404864
26 mm MAX BITE™ combination spanner	340	1	1	**4932480202**	4058546404871
27 mm MAX BITE™ combination spanner	367	1	1	**4932480203**	4058546404888
28 mm MAX BITE™ combination spanner	367	1	1	**4932480204**	4058546404895
29 mm MAX BITE™ combination spanner	393	1	1	**4932480205**	4058546404901
30 mm MAX BITE™ combination spanner	393	1	1	**4932480206**	4058546404918
32 mm MAX BITE™ combination spanner	429	1	1	**4932480207**	4058546404925
36 mm MAX BITE™ combination spanner	513	1	1	**4932480208**	4058546404932

MAX BITE™ combination spanner sets

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- Optimised storage: 7 pc set with carry handle, 15 pc set in tray for easy storage and connection to tool roller cabinet drawers.
- Ink-filled labels for clear visibility.
- 15° offset box for better accessibility.
- Chrome alloy steel, chrome plated.

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	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**MAX BITE™ metric combination spanner set (7 pc)** 8, 10, 12, 13, 14, 15, 17 mm	7	1	**4932464257**	4058546222024
②	**MAX BITE™ metric combination spanner set (15 pc)** 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	15	1	**4932464258**	4058546222031

15 pc MAXBITE combination spanner set with PACKOUT™ compact organiser

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- Optimised storage: 7 pc set with carry handle, 15 pc set in tray for easy storage and connection to tool roller cabinet drawers.
- Ink-filled labels for clear visibility.
- 15° offset box for better accessibility.
- Part of the PACKOUT™ modular storage system & constructed with impact resistant polymers for jobsite durability.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
15 pc MAXBITE combination spanner set with PACKOUT™ compact organiser PACKOUT™ compact organiser (4932464083), MAXBITE combination spanners 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 & 22mm, tray inlay	15	1	**4932498141**	4058546513016

MAX BITE™ ratcheting combination spanner

- 144 Ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Durable double stacked pawls for longer ratchet life.
- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- Ink-filled labels for better visibility.
- Chrome alloy steel, chrome plated.



Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
6 mm MAX BITE™ ratcheting combination spanner	134	1	1	**4932480209**	4058546404949
7 mm MAX BITE™ ratcheting combination spanner	142	1	1	**4932480210**	4058546404956
8 mm MAX BITE™ ratcheting combination spanner	146	1	1	**4932471501**	4058546294007
9 mm MAX BITE™ ratcheting combination spanner	156	1	1	**4932471502**	4058546294014
10 mm MAX BITE™ ratcheting combination spanner	165	1	1	**4932471503**	4058546294021
11 mm MAX BITE™ ratcheting combination spanner	172	1	1	**4932471504**	4058546294038
12 mm MAX BITE™ ratcheting combination spanner	179	1	1	**4932471505**	4058546294045
13 mm MAX BITE™ ratcheting combination spanner	187	1	1	**4932471506**	4058546294052
14 mm MAX BITE™ ratcheting combination spanner	198	1	1	**4932471507**	4058546294069
15 mm MAX BITE™ ratcheting combination spanner	208	1	1	**4932471508**	4058546294076
16 mm MAX BITE™ ratcheting combination spanner	218	1	1	**4932471509**	4058546294083
17 mm MAX BITE™ ratcheting combination spanner	234	1	1	**4932471510**	4058546294090
18 mm MAX BITE™ ratcheting combination spanner	243	1	1	**4932471511**	4058546294106
19 mm MAX BITE™ ratcheting combination spanner	258	1	1	**4932471512**	4058546294113
20 mm MAX BITE™ ratcheting combination spanner	272	1	1	**4932471513**	4058546294120
21 mm MAX BITE™ ratcheting combination spanner	282	1	1	**4932471514**	4058546294137
22 mm MAX BITE™ ratcheting combination spanner	303	1	1	**4932471515**	4058546294144
24 mm MAX BITE™ ratcheting combination spanner	320	1	1	**4932480211**	4058546404963
25 mm MAX BITE™ ratcheting combination spanner	341	1	1	**4932480212**	4058546404970
27 mm MAX BITE™ ratcheting combination spanner	367	1	1	**4932480213**	4058546404987
30 mm MAX BITE™ ratcheting combination spanner	393	1	1	**4932480214**	4058546404994
32 mm MAX BITE™ ratcheting combination spanner	429	1	1	**4932480215**	4058546405007

MAX BITE™ ratcheting combination spanner sets

- 144 Ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Durable double stacked pawls for long-lasting ratchet life.
- MAX BITE™ open-end grip reduces rounding and stripping.
- Ink-filled labels for clear visibility.
- Chrome alloy steel, chrome plated.
- Rounded I-Beam handle for comfortable handling grip.

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	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**MAX BITE™ ratcheting metric combination spanner set (7 pc)** 8, 10, 12, 13, 14, 15, 17 mm	7	1	**4932464993**	4058546229382
②	**MAX BITE™ ratcheting metric combination spanner set (15 pc)** 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	15	1	**4932464994**	4058546229399

MAX BITE™ flexible head ratcheting combination spanner

- 180° pivoting head for greater access to tight spaces.
- MAX BITE™ open-end grip reduces rounding and stripping.
- 144 ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Durable double stacked pawls for longer ratchet life.
- Rounded I-Beam handle for comfortable handling grip.
- Ink-filled labels for better visibility.
- Chrome alloy steel, chrome plated.



Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
8 mm MAX BITE™ flexible head ratcheting combination spanner	146	1	1	**4932480181**	4058546404666
9 mm MAX BITE™ flexible head ratcheting combination spanner	156	1	1	**4932480182**	4058546404673
10 mm MAX BITE™ flexible head ratcheting combination spanner	165	1	1	**4932480183**	4058546404680
11 mm MAX BITE™ flexible head ratcheting combination spanner	172	1	1	**4932480184**	4058546404697
12 mm MAX BITE™ flexible head ratcheting combination spanner	179	1	1	**4932480185**	4058546404703
13 mm MAX BITE™ flexible head ratcheting combination spanner	187	1	1	**4932480186**	4058546404710
14 mm MAX BITE™ flexible head ratcheting combination spanner	198	1	1	**4932480187**	4058546404727
15 mm MAX BITE™ flexible head ratcheting combination spanner	208	1	1	**4932480188**	4058546404734
16 mm MAX BITE™ flexible head ratcheting combination spanner	218	1	1	**4932480189**	4058546404741
17 mm MAX BITE™ flexible head ratcheting combination spanner	233	1	1	**4932480190**	4058546404758
18 mm MAX BITE™ flexible head ratcheting combination spanner	243	1	1	**4932480191**	4058546404765
19 mm MAX BITE™ flexible head ratcheting combination spanner	256	1	1	**4932480192**	4058546404772
20 mm MAX BITE™ flexible head ratcheting combination spanner	272	1	1	**4932480193**	4058546404789
21 mm MAX BITE™ flexible head ratcheting combination spanner	282	1	1	**4932480194**	4058546404796
22 mm MAX BITE™ flexible head ratcheting combination spanner	303	1	1	**4932480195**	4058546404802

MAX BITE™ flexible head ratcheting combination spanner set

- 180° pivoting head for greater access to tight spaces.
- MAX BITE™ open-end grip reduces rounding and stripping.
- 144 ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Durable double stacked pawls for longer ratchet life.
- Rounded I-Beam handle for comfortable handling grip.
- Ink-filled labels for better visibility.
- Chrome alloy steel, chrome plated.

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	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**MAX BITE™ metric flexible head ratcheting combination spanner set (7 pc)** 8, 10, 12, 13, 14, 15, 17 mm	7	1	**4932478557**	4058546347505
②	**MAX BITE™ metric flexible head ratcheting combination spanner set (15 pc)** 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	15	1	**4932478558**	4058546347512

Double open end spanner

- Slim head dimensions for access in tight areas.
- Rounded I-beam handle for comfortably applying torque.
- Ink-filled size labels for easy and quick size identification.
- Chrome finish for corrosion and rust resistance.



Description	Size (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Double open end spanner - 4x5mm	4x5mm	1	1	**4932492715**	4058546475864
Double open end spanner - 6x7mm	6x7mm	1	1	**4932492716**	4058546475871
Double open end spanner - 8x9mm	8x9mm	1	1	**4932492717**	4058546475888
Double open end spanner - 8x10mm	8x10mm	1	1	**4932492718**	4058546475895
Double open end spanner - 10x11mm	10x11mm	1	1	**4932492719**	4058546475901
Double open end spanner - 10x13mm	10x13mm	1	1	**4932492720**	4058546475918
Double open end spanner - 12x13mm	12x13mm	1	1	**4932492721**	4058546475925
Double open end spanner - 12x14mm	12x14mm	1	1	**4932492722**	4058546475932
Double open end spanner - 13x17mm	13x17mm	1	1	**4932492723**	4058546475949
Double open end spanner - 14x15mm	14x15mm	1	1	**4932492724**	4058546475956
Double open end spanner - 16x17mm	16x17mm	1	1	**4932492725**	4058546475963
Double open end spanner - 17x19mm	17x19mm	1	1	**4932492726**	4058546475970
Double open end spanner - 18x19mm	18x19mm	1	1	**4932492727**	4058546475987
Double open end spanner - 20x22mm	20x22mm	1	1	**4932492728**	4058546475994
Double open end spanner - 21x23mm	21x23mm	1	1	**4932492729**	4058546476007
Double open end spanner - 22x24mm	22x24mm	1	1	**4932492730**	4058546476014
Double open end spanner - 24x26mm	24x26mm	1	1	**4932493258**	4058546481292
Double open end spanner - 24x27mm	24x27mm	1	1	**4932492731**	4058546476021
Double open end spanner - 25x28mm	25x28mm	1	1	**4932492732**	4058546476038
Double open end spanner - 27x29mm	27x29mm	1	1	**4932492733**	4058546476045
Double open end spanner - 30x32mm	30x32mm	1	1	**4932492734**	4058546476052
Double open end spanner - 34x36mm	34x36mm	1	1	**4932492735**	4058546476069
Double open end spanner - 36x41mm	36x41mm	1	1	**4932492736**	4058546476076

Double open end spanner sets

- Slim head dimensions for access in tight areas.
- Rounded I-beam handle for comfortably applying torque.
- Ink-filled size labels for easy and quick size identification.
- Chrome finish for corrosion and rust resistance.
- Sets come in a durable pouch.

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	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Double open end spanner set - 7 pc 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm	7	1	**4932492713**	4058546475840
②	Double open end spanner set - 12 pc 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 20x22mm, 21x23mm, 25x28mm, 27x29mm, 30x32mm	12	1	**4932492714**	4058546475857



Double ring offset spanner

- 75° offset handle for better access in tight spaces.
- Rounded I-beam handle for comfortably applying torque.
- Ink-filled size labels for easy and quick size identification.
- Chrome finish for corrosion and rust resistance.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
6x7mm Double ring offset spanner	1	1	**4932492739**	4058546476106
8x9mm Double ring offset spanner	1	1	**4932492740**	4058546476113
8x10mm Double ring offset spanner	1	1	**4932492741**	4058546476120
10x11mm Double ring offset spanner	1	1	**4932492742**	4058546476137
12x13mm Double ring offset spanner	1	1	**4932492743**	4058546476144
14x15mm Double ring offset spanner	1	1	**4932492744**	4058546476151
16x17mm Double ring offset spanner	1	1	**4932492745**	4058546476168
17x19mm Double ring offset spanner	1	1	**4932492746**	4058546476175
18x19mm Double ring offset spanner	1	1	**4932492747**	4058546476182
19x22mm Double ring offset spanner	1	1	**4932492748**	4058546476199
20x22mm Double ring offset spanner	1	1	**4932492749**	4058546476205
21x23mm Double ring offset spanner	1	1	**4932492750**	4058546476212
22x24mm Double ring offset spanner	1	1	**4932492751**	4058546476229
24x26mm Double ring offset spanner	1	1	**4932492752**	4058546476236
24x27mm Double ring offset spanner	1	1	**4932492753**	4058546476243
25x28mm Double ring offset spanner	1	1	**4932493275**	4058546481469
27x30mm Double ring offset spanner	1	1	**4932492754**	4058546476250
27x32mm Double ring offset spanner	1	1	**4932492755**	4058546476267
30x32mm Double ring offset spanner	1	1	**4932492756**	4058546476274

Double ring offset spanner sets

- 75° offset handle for better access in tight spaces.
- Rounded I-beam handle for comfortably applying torque.
- Ink-filled size labels for easy and quick size identification.
- Chrome finish for corrosion and rust resistance.

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Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① 7pc Double ring offset spanner 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm	7	1	**4932492737**	4058546476083
② 12pc Double ring offset spanner set 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm, 18x19mm, 20x22mm, 21x23mm, 24x27mm, 25x28mm, 30x32mm	12	1	**4932492738**	4058546476090

Flare nut spanners

- Optimized head geometry for secure grip on fasteners to reduce rounding of nuts.
- I-beam handle for more comfort while applying high torque.
- Ink-filled size labels for easy and quick size identification.
- 15°angled heads for better access.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
8 x 10 mm Flare nut spanner	1	1	**4932480626**	4058546409111
9 x 11mm Flare nut spanner	1	1	**4932480575**	4058546408602
10 x 11 mm Flare nut spanner	1	1	**4932480627**	4058546409128
10 x 12 mm Flare nut spanner	1	1	**4932480576**	4058546408619
12 x 14 mm Flare nut spanner	1	1	**4932480629**	4058546409142
13 x 14 mm Flare nut spanner	1	1	**4932480577**	4058546408626
14 x 17 mm Flare nut spanner	1	1	**4932480630**	4058546409159
17 x 19 mm Flare nut spanner	1	1	**4932480631**	4058546409166
19 x 22 mm Flare nut spanner	1	1	**4932480632**	4058546409173

Flare nut spanner set

- Optimized head geometry for secure grip on fasteners to reduce rounding of nuts.
- I-beam handle for more comfort while applying high torque.
- Ink-filled size labels for easy and quick size identification.
- 15°angled heads for better access.
- Durable storage tray.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
6pc Flare nut spanner set 8x10mm, 10x11mm, 12x14mm, 14x17mm, 17x19mm, 19x22mm	6	1	**4932480636**	4058546409210



Steel and aluminium pipe wrenches

- Overbite jaw for secure grip on pipes and fittings.
- Dual coil springs for maximum durability and tool life.
- Ergonomic handle for maximum comfort, won't dig into the palm.
- Hardened jaws for increased durability and better grip.
- Lanyard hole.



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	Description	Total length (mm)	Total length (inch)	Jaw opening capacity for pipe (mm)	Jaw opening capacity for pipe (inch)	Weight (g)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Aluminium pipe wrench 250 mm	250	10	38	1.5	598	1	1	**48227210**	045242342372
	Aluminium pipe wrench 300 mm	300	12	51	2	816	1	1	**48227212**	045242342389
	Aluminium pipe wrench 350 mm	350	14	51	2	1076	1	1	**48227214**	045242342396
	Aluminium pipe wrench 450 mm	450	18	63	2.5	1630	1	1	**48227218**	045242342419
	Aluminium pipe wrench 600 mm	600	24	76	3	2644	1	1	**48227224**	045242342426
②	Steel pipe wrench 250 mm	250	10	38	1.5	916	1	1	**48227110**	045242342334
	Steel pipe wrench 300 mm	300	12	51	2	1270	1	1	**48227112**	045242342341
	Steel pipe wrench 350 mm	350	14	51	2	1627	1	1	**48227114**	045242342358
	Steel pipe wrench 450 mm	450	18	63	2.5	2531	1	1	**48227118**	045242342365

Cheater aluminium adjustable pipe wrench

- All in one adjustable sliding handle design between 450 mm & 600 mm.
- Removable handle to 250 mm length for access to tight spaces.
- Aluminium design for lighter weight.
- Overbite jaw for secure grip on pipes and fittings.
- Ergonomic round handle for maximum comfort, won't dig into the palm.
- Hardened jaws for increased durability and better grip.



Description	Total length (inch)	Jaw opening capacity for pipe (mm)	Jaw opening capacity for pipe (inch)	Weight (g)	Pack quantity	Min. order quantity	Article Number	EAN Code
Cheater aluminium adjustable pipe wrench	10 / 18 / 24	63	2.5	2019	1	1	**4932478672**	4058546348656

CHEATER - adaptable pipe wrench

- 3 handle design - 10″/ 250 mm mode for tight spaces, 18″/ 450 mm mode for general purpose, 24″/ 600 mm mode for maximum leverage and reach.
- Overbite jaw for secure grip on pipes and fittings.
- Dual coil springs for maximum durability and tool life.
- Ergonomic handle for maximum comfort, won't dig into the palm.
- Ergonomic hook jaw design - for easy detachment from the workpiece.
- Hardened jaws for increased durability and better grip.
- Lanyard hole.





Description	Total length (mm)	Total length (inch)	Jaw opening capacity for pipe (mm)	Jaw opening capacity for pipe (inch)	Weight (g)	Pack quantity	Min. order quantity	Article Number	EAN Code
Adaptable pipe wrench	250/450/600	10/18/24	63	2.5	3243	1	1	**48227314**	045242342402

Adjustable wrenches

- Precision adjustment screw with accurate threads and tight tolerances. The jaws won't back off during use.
- Chrome plating for best-in-class rust protection and increased durability.
- Ergonomic rounded handle design for a comfortable fit in the hand and less pressure points on the palm.
- Slim head design for reaching into tight spaces.
- Parallel jaws won't slip or damage finish surfaces.
- Permanent lasered inch and mm markings for accurate adjustment.
- 8″ adjustable wrench (48227508) has an extra wide jaw of 38 mm for increased jaw capacity in confined environments.
- Lanyard hole.



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	Total length (mm)	Total length (inch)	Jaw opening capacity for pipe (mm)	Jaw thickness (mm)	Tip thickness (mm)	Weight (g)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	150	6	24.5	11.5	7,7	186	1	1	**4932499518**	4058546566821
	200	8	30	14	8,7	353	1	1	**4932499520**	4058546566845
	200	8	40	14	8,1	385	1	1	**48227508**	045242356232
	250	10	36.5	16	9,9	535	1	1	**4932499517**	4058546566814
	300	12	42.5	17	10,8	748	1	1	**4932499521**	4058546566852
	380	15	46	22	13,5	1,470	1	1	**4932499516**	4058546566807
②	**Adjustable wrench twin pack** 150 mm (48227406) + 250 mm (48227410)						1	2	**4932499519**	4058546566838
③	**Adjustable wrench triple pack** 150mm (48227406), 200mm (48227408) + 250mm (48227410)						3	1	**4932493414**	4058546482855

RATCHETS & SOCKETS











Ratchet and socket sets

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Comes with a removable inner tray perfectly designed to be stored.
- Sockets are stamped with measurements on the flat side for easy-to-read visibility.
- All metal design for maximum durabilty.
- FOUR FLAT™ sides on socket deter rolling.
- Slim profile head with flush direction lever offers better accessibility.



	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**Metric 1/4" ratchet + socket set (28 pc)**	28	1	**4932464943**	4058546228880
	Standard sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / Deep well sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / 76 mm extension, 152 mm extension, Universal Joint				
②	**Metric & imperial 1/4" ratchet + socket set (50 pc)**	50	1	**4932464944**	4058546228897
	Standard sockets: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / Deep well socket: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / 76 mmextension, 152 mmextension, universal joint				
③	**Metric 3/8" ratchet + socket set (32 pc)**	32	1	**4932464945**	4058546228903
	Standard sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm/ Deep well sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm/ 76 mm extension, 152 mm extension, universal joint				
④	**Metric & imperial 3/8" ratchet + socket set (56 pc)**	56	1	**4932464946**	4058546228910
	Standard sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / Deep well sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / 76 mm extension, 152 mm extension, universal joint				
⑤	**Metric 1/2" ratchet + socket set (28 pc)**	28	1	**4932471864**	4058546297633
	Standard sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm / Deep well sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / 76 mm extension, 127 mm extension & removable storage tray				
⑥	**Metric 1/4" ratchet + socket set (28 pc) in PACKOUT™ compact slim organiser**	28	1	**4932478812**	4058546360948
	Standard sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm/ Deep well sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm/ 76 mmextension, 152 mmextension, Universal Joint				
⑦	**Metric 3/8" ratchet + socket set (32 pc) in PACKOUT™ compact slim organiser**	32		**4932478813**	4058546360955
	Standard sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm/ Deep well sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm/ 76 mm extension, 152 mm extension, universal joint				
⑧	PACKOUT™ 1/4" & 1/2" 63pc ratchet and socket set	63	1	**4932493661**	4058546485320
	PACKOUT SLIM ORGANISER, 1/2" Drive Standard sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 25 mm, 26 mm / Deep sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / 1/2" Drive 76 mm extension, 127 mm extension, 1/2 Drive Universal joint; 1/4" Drive Standard sockets: 4mm, 4.5mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / Deep well sockets: 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / 1/4" Drive 76 mm extension, 152 mm extension, 1/4" Drive Universal Joint				

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1/4" Ratchet, driver & socket set

- 90 tooth design with 4 °of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket deter rolling.
- Sockets are stamped with measurements on the flat side for easy-to-read visibility.
- Comfortable Tri-Lobe screwdriver handle optimised for maximum user comfort and high torque applications.
- SHOCKWAVE™ IMPACT DUTY Screwdriver bits

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	1/4˝ Ratchet, Driver & Socket set in PACKOUT™compatible box	38	1	**4932498381**	4058546522506

1/4 Ratchet , 1/4 Tri-lobe screwdriver handle, Standard sockets: 5.5 mm, 6 mm, 7 mm 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, Extensions: 76 mm, 152 mm, Shockwave Bits: SL4.5 / SL5.5 / SL6.5 / PH1 / PH2 / PH3 / PZ1 / PZ2 / PZ3 / HEX 3 / HEX 4 / HEX 5 / HEX 6 / HEX 8 / TR10 / TR15 / TR20 / TR25 / TR27 / TR30 / TR40, Uni joint, Socket adaptor, 1/4SQ-1/4 Hex socket

① 

1/4˝ Drive ratchet, spanner & deep socket premium set

- MILWAUKEE® ratchet with 90 ratcheting teeth for only 4° of arc swing and stubby handle design for better access.
- FOUR FLAT™ sides on socket deter rolling and wrench-ready design.
- Flex head ratcheting spanner with 144 tooth count providing an arc swing of 2.5° allowing access in tighter spaces.
- SHOCKWAVE™ IMPACT DUTY Screwdriver bits

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
42 pc 1/4˝ Drive ratchet, spanner & deep socket premium set metric	42	1	**4932498382**	4058546522513

1/4˝ Drive deep sockets: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm, Screwdriver handle, SHOCKWAVE™ IMPACT DUTY screwdriver bits: PH1, PH2, PH3, PZ1, PZ2, PZ3, SL 4.5, SL 5.5, Hex 3, Hex 4, Hex 5, Hex 6, Hex 8, T10 BO, T15 BO, T20 BO, T25 BO, T27 BO, T30 BO, T40 BO, Flex Head Ratcheting Combination Spanner: 8 mm, 10 mm, 13 mm



1/4˝ Drive compact ratchet set in PACKOUT™compatible box

NEW

- 90 ratcheting teeth for 4 ° arc swing and stubby handle length to work easily in tight spaces.
- Unique Four Flat Sides™ providing an anti-roll design and wrench-ready solution.
- Designed for use with impact drivers the SHOCKWAVE™ IMPACT DUTY bits line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the user's drilling and fastening needs.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
25 pc 1/4˝ Drive compact ratchet set in PACKOUT™compatible box				
1/4˝ Drive compact ratchet, 1/4˝ drive sockets: 6, 7, 8, 10, 13mm, 1/4˝ drive bit holder socket, SHOCKWAVE™ IMPACT DUTYbits PH1 , PH2, PH3, PZ1, PZ2, PZ3, SL 4.5mm, SL 5.5mm, SL 6.5mm, Hex 3mm, Hex 4mm, Hex 5mm, Hex 6mm, T10, T15, T20, T25, T30	25	1	**4932499470**	4058546566340



1/4˝ Compact ratchet set

- MILWAUKEE® ratchet with 90 ratcheting teeth for only 4° of arc swing and stubby handle design for better access.
- FOUR FLAT SIDES™ sockets providing a wrench ready and anti-roll design.
- Designed for use with impact drivers the SHOCKWAVE™ IMPACT DUTY bits line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the user's drilling and fastening needs.
- High quality textile pouch and removable foam insert.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4˝ Compact Ratchet Set 39 PC	39	1	**4932492672**	4058546475437

1/4˝ compact ratchet, 1/4˝ universal joint, 76mm extension, 13x 1/4˝ sockets (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm) , 1/4˝ Sq to 1/4˝ socket adapter, 22x SHOCKWAVE™ IMPACT DUTY Bits (PH1, PH2, PZ1, PZ2, TX BO8, TX BO10, TX BO15, TX BO20, TX BO25, TX BO30, TX BO40, SL0.8x5x5, TX 10, TX 15, TX 20, TX 25, TX 30, TX 40, Hex 3mm, Hex 4mm, Hex 5mm, Hex 6mm)



Tradesman 3/8˝ ratchet set

- Pivoting ratchet head.
- Slim profile design for better access.
- Square shaped sockets compatible with combination spaners.
- Organised and portable storage solution.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Tradesman 3/8˝ ratchet set (12 pc)				
3/8˝ sockets: 10, 12, 13, 14, 15, 17, 18 and 19 mm. 3/8˝ ratchet. 152 mm extension. 1/4˝ to 3/8˝ adaptor and 3/8˝ to 1/4˝ adaptor	12	1	**4932501196**	4058546639129





7 in 1 Micro ratchet

NEW

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Mini bits PH1, PH2, SL5.5, T15 for access in tight areas.
- 1/4˝ socket adapter to be able to apply on 1/4˝ sockets.
- Versatile usage due to1/4˝ nut driver on one side and 5/16˝ nut driver on the other side of the ratchets head.
- Versatile finger loop with clip for easy storage and a secure grip.
- Attachable bit holder keeps bits with ratchet.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
7 in 1 Micro ratchet	1	1	**4932498792**	4058546526610
Mini bits: PH1, PH2, SL5.5, T15 / 1/4˝ Socket adapter / 1/4˝ and 5/16˝ Nut driver				



1/4" Drive click torque wrench

NEW

- Strong click provides powerful, tactile feedback that lets you know exactly when the set torque is reached - ensuring precision.
- ±3% Accuracy for accurate and precise torque readings.
- 4° Arc swing with a 90 tooth ratcheting design for quick and easy access even in tight spaces.
- Durable, high contrast markings for quick and easy readability.
- Ribbed locking ring on top of the handle helps preventing accidental release.
- Knurled handle for added grip and comfort.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" Drive click torque wrench 5-25NM	1	1	**4932500823**	4058546621254

1/4" drive ratchet

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Slim profile head with flush direction lever offers better accessibility.



	Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	1/4" drive compact ratchet	76	1	1	**4932479646**	4058546374402
②	1/4" drive ratchet	152	1	1	**4932499523**	4058546566876
③	1/4" drive long ratchet	229	1	1	**4932479647**	4058546374419

1/4" drive flex head ratchet

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Versatile lockable flex head: Switch between 7 locking positions and freely moving head.
- Slim profile head with flush direction lever offers better accessibility.
- Standard and extended handle lengths for easier access in tight spaces or extra leverage.



Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" drive flexible head ratchet	140	1	1	**4932479648**	4058546374426
1/4" drive long flexible head ratchet	229	1	1	**4932479649**	4058546374433

Spinner handle

- Ergonomically shaped TRI-LOBE handle design to comfortable apply high torque.
- Anti-roll protection due to TRI-LOBE design.
- Ball detent for a secure hold onto sockets.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" Drive spinner handle	1	1	**4932493960**	4058546511203

1/4" Drive chrome sockets with FOUR FLAT™ sides

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish.



Description	Width (mm)	Diameter (mm)	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" drive - 4 mm	9.7	6.8	25	1	1	**4932479992**	4058546377861
1/4" drive - 4.5 mm	9.7	7.2	25	1	1	**4932479993**	4058546377878
1/4" drive - 5 mm	9.5	8	25	1	1	**4932478312**	4058546345037
1/4" drive - 5.5 mm	9.5	8.6	25	1	1	**4932478313**	4058546345044
1/4" drive - 6 mm	9.5	9.5	25	1	1	**4932478314**	4058546345051
1/4" drive - 7 mm	9.5	10.7	25	1	1	**4932478315**	4058546345068
1/4" drive - 8 mm	9.5	11.8	25	1	1	**4932478316**	4058546345075
1/4" drive - 9 mm	11.1	12.8	25	1	1	**4932478317**	4058546345082
1/4" drive - 10 mm	11.1	14.5	25	1	1	**4932478318**	4058546345099
1/4" drive - 11 mm	12.7	15.8	25	1	1	**4932478319**	4058546345105
1/4" drive - 12 mm	14	16.8	25	1	1	**4932478320**	4058546345112
1/4" drive - 13 mm	14.3	17.8	25	1	1	**4932478321**	4058546345129
1/4" drive - 14 mm	15.9	19.8	25	1	1	**4932478322**	4058546345136
1/4" drive - 15 mm	16	20.8	25	1	1	**4932478323**	4058546345143
1/4" deep drive - 4 mm	9.7	7.2	50	1	1	**4932479994**	4058546377885
1/4" deep drive - 4.5 mm	9.7	20.8	50	1	1	**4932479995**	4058546377892
1/4" drive deep - 5 mm	9.3	8	50	1	1	**4932478324**	4058546345150
1/4" drive deep - 5.5 mm	9.3	8.6	50	1	1	**4932478325**	4058546345167
1/4" drive deep - 6 mm	9.3	9.8	50	1	1	**4932478326**	4058546345174
1/4" drive deep - 7 mm	9.3	10.8	50	1	1	**4932478327**	4058546345181
1/4" drive deep - 8 mm	9.3	11.8	50	1	1	**4932478328**	4058546345198
1/4" drive deep - 9 mm	10.8	12.8	50	1	1	**4932478329**	4058546345204
1/4" drive deep - 10 mm	10.8	14.8	50	1	1	**4932478330**	4058546345211
1/4" drive deep - 11 mm	12.4	15.8	50	1	1	**4932478331**	4058546345228
1/4" drive deep - 12 mm	13.7	16.8	50	1	1	**4932478332**	4058546345235
1/4" drive deep - 13 mm	14	17.8	50	1	1	**4932478333**	4058546345242
1/4" drive deep - 14 mm	15.6	19.8	50	1	1	**4932478334**	4058546345259
1/4" drive deep - 15 mm	15.6	20.8	50	1	1	**4932478335**	4058546345266

1/4" Drive hex bit socket

- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- Slim design for better access in tight spaces.
- Single forged piece adds durability in high torque applications.
- Stamped sizes for better visibility in all lighting conditions.





Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" Drive 2mm hex bit socket	40	1	1	**4932480823**	4058546411084
1/4" Drive 2.5mm hex bit socket	40	1	1	**4932480824**	4058546411091
1/4" Drive 3mm hex bit socket	40	1	1	**4932480825**	4058546411107
1/4" Drive 4mm hex bit socket	40	1	1	**4932480826**	4058546411114
1/4" Drive 5mm hex bit socket	40	1	1	**4932480827**	4058546411121
1/4" Drive 6mm hex bit socket	40	1	1	**4932480828**	4058546411138
1/4" Drive 8mm hex bit socket	40	1	1	**4932480829**	4058546411145
1/4" Drive Metric Hex Bit Socket Set - 6 pc 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm		6	1	**4932480566**	4058546408510

1/4" Drive External Torx Socket

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



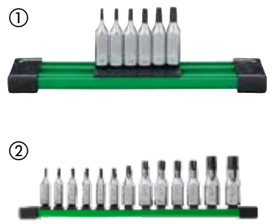
Description	Pack quantity	Min. order quantity	Article Number	EAN Code
¼" Drive E4 External Torx Socket	1	1	**4932498846**	4058546527150
¼" Drive E5 External Torx Socket	1	1	**4932498847**	4058546527167
¼" Drive E6 External Torx Socket	1	1	**4932498848**	4058546527174
¼" Drive E7 External Torx Socket	1	1	**4932498849**	4058546527181
¼" Drive E8 External Torx Socket	1	1	**4932498850**	4058546527198
¼" Drive E10 External Torx Socket	1	1	**4932498851**	4058546527204

1/4" Drive torx bit socket

- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- Slim design for better access in tight spaces.
- Single forged piece adds durability in high torque applications.
- Stamped sizes for better visibility in all lighting conditions.



	Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
	¼" Drive T8 Bit Socket	40	1	1	**4932480792**	4058546410773
	¼" Drive T10 Bit Socket	40	1	1	**4932480793**	4058546410780
	¼" Drive T15 Bit Socket	40	1	1	**4932480794**	4058546410797
	¼" Drive T20 Bit Socket	40	1	1	**4932480795**	4058546410803
	¼" Drive T25 Bit Socket	40	1	1	**4932480796**	4058546410810
	¼" Drive T27 Bit Socket	40	1	1	**4932480797**	4058546410827
	¼" Drive T30 Bit Socket	40	1	1	**4932480798**	4058546410834
	¼" Drive T40 Bit Socket	40	1	1	**4932480799**	4058546410841
①	¼" Drive TX Bit Socket Set - 6 pc T8, T10, T15, T20, T25, T27		6	1	4932480563	4058546414160
②	¼" and ⅜" Drive TX Bit Socket Set - 13 pc		13	1		
	¼" Drive: T8, T10, T15, T20, T25, T27; ⅜" Drive: T30, T40, T45, T47, T50, T55, T60				**4932480565**	4058546408503



1/4" Drive adapter

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Drive size conversion for increasing the drive size of ratchet allowing usage on a wider variety of sockets.
- Laser engraved size ID for easy and quick size identification.
- Chrome finish for corrosion and rust protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
¼" Drive ¼"F X ⅜"M Adapter	1	1	**4932480646**	4058546409319

1/4" Drive universal joint adapter

- Universal Joint provides easier access in hard to reach spaces to get every job done, both in the garage and on the jobsite.
- Ball detent securely holds the socket to the adapter.
- Chrome finish for optimal resistance to corrosion and rust.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
¼" Drive Universal Joint Adapter	1	1	**4932480939**	4058546412241

1/4" Drive bit holder

- Spring collar to securely hold bits.
- Chrome finish for improved rust protection.
- ¼" Hex bit reception to work with the most common bit sizes.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
¼" Drive Bit Holder for ¼" Hex Bits	1	1	**4932493961**	4058546511210

1/4" Drive extensions

- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Laser engraved size ID for quick and easy identification.
- Chrome finish for corrosion and rust protection.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
¼" Drive 38mm extension	1	1	**4932480907**	4058546411923
¼" Drive 76mm extension	1	1	**4932480908**	4058546411930
¼" Drive 152mm extension	1	1	**4932480909**	4058546411947
¼" Drive 356mm extension	1	1	**4932480910**	4058546411954
¼" drive extension set - 4 pc 38mm, 76mm, 152mm, 356mm	4	1	**4932480637**	4058546409227

1/4" Drive locking extensions

NEW

- Knurled locking collar keeps socket securely attached.
- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Chrome finish for corrosion and rust protection.
- Laser engraved size ID for quick and easy identification.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
¼" Drive 76mm locking extension	1	1	**4932480930**	4058546412159
¼" Drive 152mm locking extension	1	1	**4932480931**	4058546412166
¼" Drive 254mm locking extension	1	1	**4932480932**	4058546412173
3pc ¼" Drive locking extension set 76mm, 152mm, 254mm	3	1	**4932480643**	4058546409289

1/4˝ Drive wobble extensions

- Wobble functionality provides additional access in tight spaces and can also be used as a standard extension when fully inserted.
- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Chrome finish for corrosion and rust protection.
- Laser engraved size ID for quick and easy identification.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4˝ Drive 51mm wobble extension	1	1	**4932480919**	4058546412043
1/4˝ Drive 102mm wobble extension	1	1	**4932480920**	4058546412050
1/4˝ Drive 152mm wobble extension	1	1	**4932480921**	4058546412067
1/4˝ Drive 305mm wobble extension	1	1	**4932480922**	4058546412074
4pc 1/4˝ Drive wobble extension set 51mm, 102mm, 152mm, 305mm	4	1	**4932480640**	4058546409258

3/8˝ Drive click torque wrench

NEW

- Strong click provides powerful, tactile feedback that lets you know exactly when the set torque is reached - ensuring precision.
- ±3% Accuracy for accurate and precise torque readings.
- 4° Arc swing with a 90 tooth ratcheting design for quick and easy access even in tight spaces.
- Durable, high contrast markings for quick and easy readability.
- Ribbed locking ring on top of the handle helps preventing accidental release.
- Knurled handle for added grip and comfort.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive click torque wrench 10-50NM	1	1	**4932500850**	4058546621520
3/8˝ Drive click torque wrench 20-100NM	1	1	**4932500824**	4058546621261

3/8˝ drive ratchet

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Slim profile head with flush direction lever offers better accessibility.



Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① 3/8˝ drive compact ratchet	127	1	1	**4932479650**	4058546374440
② 3/8˝ drive ratchet	216	1	1	**4932499524**	4058546566883
③ 3/8˝ drive long ratchet	305	1	1	**4932479651**	4058546374457

3/8˝ drive flex head ratchet

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Versatile lockable flex head: Switch between 9 locking positions and freely moving head.
- Slim profile head with flush direction lever offers better accessibility.
- Standard and extended handle lengths for easier access in tight spaces or extra leverage.



Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ drive flexible head ratchet	216	1	1	**4932479652**	4058546374464
3/8˝ drive long flexible head ratchet	305	1	1	**4932479653**	4058546374471

3/8˝ Drive chrome sockets with FOUR FLAT™ sides

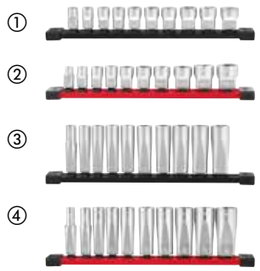
- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish.



Description	Width (mm)	Diameter (mm)	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ drive - 6 mm	14.3	10.3	28	1	1	**4932478336**	4058546345273
3/8˝ drive - 7 mm	14.3	10.9	28	1	1	**4932478337**	4058546345280
3/8˝ drive - 8 mm	14.3	12	28	1	1	**4932478338**	4058546345297
3/8˝ drive - 9 mm	14.3	13.3	28	1	1	**4932478339**	4058546345303
3/8˝ drive - 10 mm	14.3	14.8	28	1	1	**4932478340**	4058546345310
3/8˝ drive - 11 mm	14.3	16.3	28	1	1	**4932478341**	4058546345327
3/8˝ drive - 12 mm	14.3	17.8	28	1	1	**4932478342**	4058546345334
3/8˝ drive - 13 mm	15.9	18.3	28	1	1	**4932478343**	4058546345341
3/8˝ drive - 14 mm	15.9	19.8	28	1	1	**4932478344**	4058546345358
3/8˝ drive - 15 mm	17	21.3	28	1	1	**4932478345**	4058546345365
3/8˝ drive - 16 mm	17.5	22	28	1	1	**4932478346**	4058546345372
3/8˝ drive - 17 mm	19	23.8	28	1	1	**4932478347**	4058546345389
3/8˝ drive - 18 mm	20	24.3	28	1	1	**4932478348**	4058546345396
3/8˝ drive - 19 mm	20	25.8	28	1	1	**4932478349**	4058546345402
3/8˝ drive - 20 mm	22.7	27.8	30	1	1	**4932479996**	4058546377908
3/8˝ drive - 21 mm	22.7	27.8	30	1	1	**4932479997**	4058546377915
3/8˝ drive - 22 mm	23.7	29.8	30	1	1	**4932479998**	4058546377922
3/8˝ drive - 23 mm	26.7	31.8	30	1	1	**4932479999**	4058546377939
3/8˝ drive - 24 mm	26.7	31.8	30	1	1	**4932480000**	4058546377946
3/8˝ drive deep - 6 mm	14	10.3	63	1	1	**4932478350**	4058546345419
3/8˝ drive deep - 7 mm	14	10.9	63	1	1	**4932478351**	4058546345426
3/8˝ drive deep - 8 mm	14	12	63	1	1	**4932478352**	4058546345433
3/8˝ drive deep - 9 mm	14	13.3	63	1	1	**4932478353**	4058546345440
3/8˝ drive deep - 10 mm	14	14.5	63	1	1	**4932478354**	4058546345457
3/8˝ drive deep - 11 mm	14	16.8	63	1	1	**4932478355**	4058546345464
3/8˝ drive deep - 12 mm	14	17.3	63	1	1	**4932478356**	4058546345471
3/8˝ drive deep - 13 mm	16	18.8	63	1	1	**4932478357**	4058546345488
3/8˝ drive deep - 14 mm	17	19.8	63	1	1	**4932478358**	4058546345495
3/8˝ drive deep - 15 mm	18	21.3	63	1	1	**4932478359**	4058546345501
3/8˝ drive deep - 16 mm	19	21.8	63	1	1	**4932478360**	4058546345518
3/8˝ drive deep - 17 mm	21	23.8	63	1	1	**4932478361**	4058546345525
3/8˝ drive deep - 18 mm	21	24.3	63	1	1	**4932478362**	4058546345532
3/8˝ drive deep - 19 mm	22	25.8	63	1	1	**4932478363**	4058546345549
3/8˝ deep drive - 20 mm	22.7	27.8	63	1	1	**4932480001**	4058546377953
3/8˝ deep drive - 21 mm	22.7	27.8	63	1	1	**4932480002**	4058546377960
3/8˝ deep drive - 22 mm	23.7	29.8	63	1	1	**4932480003**	4058546377977
3/8˝ deep drive - 23 mm	26.7	31.8	63	1	1	**4932480004**	4058546377984
3/8˝ deep drive - 24 mm	26.7	31.8	63	1	1	**4932480005**	4058546377991

3/8˝ Drive chrome socket set

- FOUR FLAT™ sides on socket deter rolling
- Wrench ready FOUR FLAT™ sides
- Stamped sizes for easy visibility
- Chrome finish for easy cleaning and corrosion protection
- Stored on a socket rail for better tool organization



	Description	Height (mm)	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	3/8˝ Drive 10PC Metric Chrome Sockets	44	273	10	1	**4932492507**	4058546418748
②	3/8˝ Drive 10PC Imperial Chrome Sockets	44	273	10	1	**4932492508**	4058546418755
③	3/8˝ Drive 10 PC Metric Deep Chrome Sockets	77	273	10	1	**4932492509**	4058546418762
④	3/8˝ Drive 10PC Imperial Deep Chrome Socket Set	77	273	10	1	**4932492510**	4058546418779



3/8˝ Drive spark plug socket

- Dual-material rubber retainer prevents wear down and enables secure hold.
- Stamped sizes for quick and easy identification.
- Knurling area for better finger grip.
- Pin hole to enable securing of socket.





Description	Length (mm)	Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive 9/16˝ Spark Plug Socket	68	14.29	1	1	**4932480674**	4058546409593
3/8˝ Drive 14mm Spark Plug Socket	68	14	1	1	**4932480679**	4058546409647
3/8˝Drive 16mm Spark Plug Socket	68	16	1	1	**4932480676**	4058546409616
3/8˝ Drive 16mm Magnetic Spark Plug Socket	68	16	1	1	**4932480675**	4058546409609
3/8˝ Drive 18mm Spark Plug Socket	68	18	1	1	**4932480680**	4058546409654
3/8˝ Drive 20.8mm Spark Plug Socket	68	20.8	1	1	**4932480677**	4058546409623
3/8˝ Drive 20.8mm Magnetic Spark Plug Socket	68	20.8	1	1	**4932480678**	4058546409630

3/8˝ Drive Metric Standard 12-Point Socket

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive Metric Standard 12-Point Socket - 8mm	1	1	**4932498800**	4058546526696
3/8˝ Drive Metric Standard 12-Point Socket - 9mm	1	1	**4932498801**	4058546526702
3/8˝ Drive Metric Standard 12-Point Socket - 10mm	1	1	**4932498802**	4058546526719
3/8˝ Drive Metric Standard 12-Point Socket - 11mm	1	1	**4932498803**	4058546526726
3/8˝ Drive Metric Standard 12-Point Socket - 12mm	1	1	**4932498804**	4058546526733
3/8˝ Drive Metric Standard 12-Point Socket - 13mm	1	1	**4932498805**	4058546526740
3/8˝ Drive Metric Standard 12-Point Socket - 14mm	1	1	**4932498806**	4058546526757
3/8˝ Drive Metric Standard 12-Point Socket - 15mm	1	1	**4932498807**	4058546526764
3/8˝ Drive Metric Standard 12-Point Socket - 16mm	1	1	**4932498808**	4058546526771
3/8˝ Drive Metric Standard 12-Point Socket - 17mm	1	1	**4932498809**	4058546526788
3/8˝ Drive Metric Standard 12-Point Socket - 18mm	1	1	**4932498810**	4058546526795
3/8˝ Drive Metric Standard 12-Point Socket - 19mm	1	1	**4932498811**	4058546526801
12 pc 3/8˝ Drive 12-Point Standard Socket Set - Metric 3/8˝ Drive 12-Point Standard Sockets: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm	12	1	**4932498795**	4058546526641



3/8˝ Drive Metric Deep 12-Point Socket

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive Metric Deep 12-Point Socket - 8mm	1	1	**4932498812**	4058546526818
3/8˝ Drive Metric Deep 12-Point Socket - 9mm	1	1	**4932498813**	4058546526825
3/8˝ Drive Metric Deep 12-Point Socket - 10mm	1	1	**4932498814**	4058546526832
3/8˝ Drive Metric Deep 12-Point Socket - 11mm	1	1	**4932498815**	4058546526849
3/8˝ Drive Metric Deep 12-Point Socket - 12mm	1	1	**4932498816**	4058546526856
3/8˝ Drive Metric Deep 12-Point Socket - 13mm	1	1	**4932498817**	4058546526863
3/8˝ Drive Metric Deep 12-Point Socket - 14mm	1	1	**4932498818**	4058546526870
3/8˝ Drive Metric Deep 12-Point Socket - 15mm	1	1	**4932498819**	4058546526887
3/8˝ Drive Metric Deep 12-Point Socket - 16mm	1	1	**4932498820**	4058546526894
3/8˝ Drive Metric Deep 12-Point Socket - 17mm	1	1	**4932498821**	4058546526900
3/8˝ Drive Metric Deep 12-Point Socket - 18mm	1	1	**4932498822**	4058546526917
3/8˝ Drive Metric Deep 12-Point Socket - 19mm	1	1	**4932498823**	4058546526924
12 pc 3/8˝ Drive 12-Point Deep Socket Set - Metric 3/8˝ Drive 12-Point Deep Sockets: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm	12	1	**4932498796**	4058546526658



3/8˝ Drive External Torx Socket

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive E12 External Torx Socket	1	1	**4932498852**	4058546527211
3/8˝ Drive E14 External Torx Socket	1	1	**4932498853**	4058546527228
3/8˝ Drive E16 External Torx Socket	1	1	**4932498854**	4058546527235

3/8˝ Drive spark plug socket set 4pc

- Dual-material rubber retainer prevents wear down and enables secure hold.
- Stamped sizes for quick and easy identification.
- Knurling area for better finger grip.
- Pin hole to enable securing of socket.



Description	Min. order quantity	Pack quantity	Article Number	EAN Code
4pc 3/8˝Drive spark plug socket set on rail	1	1	**4932498383**	4058546522520

3/8˝ Drive torx bit socket

- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- Slim design for better access in tight spaces.
- Single forged piece adds durability in high torque applications.
- Stamped sizes for better visibility in all lighting conditions.



Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive T10 Bit Socket	45	1	1	**4932480800**	4058546410858
3/8˝ Drive T15 bit socket	45	1	1	**4932480801**	4058546410865
3/8˝ Drive T20 bit socket	45	1	1	**4932480802**	4058546410872
3/8˝ Drive T25 bit socket	45	1	1	**4932480803**	4058546410889
3/8˝ Drive T27 bit socket	45	1	1	**4932480804**	4058546410896
3/8˝ Drive T30 bit socket	45	1	1	**4932480805**	4058546410902
3/8˝ Drive T40 bit socket	50	1	1	**4932480806**	4058546410919
3/8˝ Drive T45 bit socket	50	1	1	**4932480807**	4058546410926
3/8˝ Drive T47 bit socket	50	1	1	**4932480808**	4058546410933
3/8˝ Drive T50 bit socket	50	1	1	**4932480809**	4058546410940
3/8˝ Drive T55 bit socket	55	1	1	**4932480810**	4058546410957
3/8˝ Drive T60 bit socket	50	1	1	**4932480811**	4058546410964
3/8˝ Drive TX Bit Socket Set - 10 pc T20, T25, T27, T30, T40, T45, T47, T50, T55, T60	10	1	1	**4932480564**	4058546408497

3/8˝ Drive hex bit socket

- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- Slim design for better access in tight spaces.
- Single forged piece adds durability in high torque applications.
- Stamped sizes for better visibility in all lighting conditions.



Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive 3mm hex bit socket	45	1	1	**4932480830**	4058546411152
3/8˝ Drive 4mm hex bit socket	45	1	1	**4932480831**	4058546411169
3/8˝ Drive 5mm hex bit socket	45	1	1	**4932480832**	4058546411176
3/8˝ Drive 6mm hex bit socket	45	1	1	**4932480833**	4058546411183
3/8˝ Drive 7mm hex bit socket	50	1	1	**4932480834**	4058546411190
3/8˝ Drive 8mm hex bit socket	50	1	1	**4932480835**	4058546411206
3/8˝ Drive 9mm hex bit socket	50	1	1	**4932480836**	4058546411213
3/8˝ Drive 10mm hex bit socket	50	1	1	**4932480837**	4058546411220
3/8˝ Drive 11mm hex bit socket	55	1	1	**4932480838**	4058546411237
3/8˝ Drive 12mm hex bit socket	55	1	1	**4932480839**	4058546411244
3/8˝ Drive 13mm hex bit socket	55	1	1	**4932480840**	4058546411251
3/8˝ Drive 14mm hex bit socket	55	1	1	**4932480841**	4058546411268
3/8˝ Drive Metric Hex Bit Socket Set - 11 pc 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm	11	1	1	**4932480567**	4058546408527

3/8˝ Drive adapter

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Drive size conversion for increasing or decreasing the drive size of ratchet allowing usage on a wider variety of sockets.
- Laser engraved size ID for easy and quick size identification.
- Chrome finish for corrosion and rust protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive 3/8˝F X 1/2˝M Adapter	1	1	**4932480647**	4058546409326
3/8˝ Drive 3/8˝F X 1/4˝M Adapter	1	1	**4932480648**	4058546409333

3/8˝ Drive universal joint adapter

- Universal Joint provides easier access in hard to reach spaces to get every job done, both in the garage and on the jobsite.
- Ball detent securely holds the socket to the adapter.
- Chrome finish for optimal resistance to corrosion and rust.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive Universal Joint Adapter	1	1	**4932480940**	4058546412258

3/8˝ Drive bit holder

- Ball detent for a secure hold onto bits.
- Chrome finish for improved rust protection.
- 1/4˝ Hex bit reception to work with the most common bit sizes.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive Bit Holder for 1/4˝Hex Bits	1	1	**4932493962**	4058546511227

3/8˝ Drive extensions

- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Laser engraved size ID for quick and easy identification.
- Chrome finish for corrosion and rust protection.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive 38mm extension	1	1	**4932480911**	4058546411961
3/8˝ Drive 76mm extension	1	1	**4932480912**	4058546411978
3/8˝ Drive 152mm extension	1	1	**4932480913**	4058546411985
3/8˝ Drive 356mm extension	1	1	**4932480914**	4058546411992
3/8˝ drive extension set - 4 pc 38mm, 76mm, 152mm, 356mm	4	1	**4932480638**	4058546409234

3/8˝ Drive locking extensions

NEW

- Knurled locking collar keeps socket securely attached.
- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Chrome finish for corrosion and rust protection.
- Laser engraved size ID for quick and easy identification.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive 76mm locking extension	1	1	**4932480933**	4058546412180
3/8˝ Drive 152mm locking extension	1	1	**4932480934**	4058546412197
3/8˝ Drive 254mm locking extension	1	1	**4932480935**	4058546412203
3pc 3/8˝ Drive locking extension set 76mm, 152mm, 254mm	3	1	**4932480644**	4058546409296

3/8˝ Drive wobble extensions

- Wobble functionality provides additional access in tight spaces and can also be used as a standard extension when fully inserted.
- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Chrome finish for corrosion and rust protection.
- Laser engraved size ID for quick and easy identification.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8˝ Drive 76mm wobble extension	1	1	**4932480923**	4058546412081
3/8˝ Drive 152mm wobble extension	1	1	**4932480924**	4058546412098
3/8˝ Drive 254mm wobble extension	1	1	**4932480925**	4058546412104
3/8˝ Drive 305mm wobble extension	1	1	**4932480926**	4058546412111
4pc 3/8˝ Drive wobble extension set 76mm, 152mm, 254mm, 305mm	4	1	**4932480641**	4058546409265

1/2˝ Drive click torque wrench

NEW

- Strong click provides powerful, tactile feedback that lets you know exactly when the set torque is reached - ensuring precision.
- ±3% Accuracy for accurate and precise torque readings.
- 4° Arc swing with a 90 tooth ratcheting design for quick and easy access even in tight spaces.
- Durable, high contrast markings for quick and easy readability.
- Ribbed locking ring on top of the handle helps preventing accidental release.
- Knurled handle for added grip and comfort.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ Drive click torque wrench 40-200NM	1	1	**4932500851**	4058546621537
1/2˝ Drive click torque wrench 60-340NM	1	1	**4932500825**	4058546621278

1/2˝ drive ratchet

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Slim profile head with flush direction lever offers better accessibility.

① 

② 

Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ drive ratchet	286	1	1	**4932471865**	4058546297640
1/2˝ drive long ratchet	457	1	1	**4932479654**	4058546374488

1/2˝ drive flex head ratchet

- 90 tooth design with 4 °of arc swing for tight work spaces.
- Versatile lockable flex head: Switch between 11 locking positions and freely moving head.
- Slim profile head with flush direction lever offers better accessibility.
- Standard and extended handle lengths for easier access in tight spaces or extra leverage.

① 

② 

Description	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ drive flexible head ratchet	286	1	1	**4932479655**	4058546374495
1/2˝ drive long flexible head ratchet	457	1	1	**4932479656**	4058546374501

1/2˝ Drive adapter

- FOUR FLAT™ sides on socket deter rolling
- Wrench ready FOUR FLAT™ sides
- Drive size conversion for increasing the drive size of ratchet allowing usage on a wider variety of sockets
- Laser engraved size ID for easy and quick size identification
- Chrome finish for corrosion and rust protection



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ Drive 1/2˝F X 3/8M Adapter	1	1	**4932480649**	4058546409340

1/2˝ Drive chrome sockets with FOUR FLAT™ sides

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish.



Description	Width (mm)	Diameter (mm)	Length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2˝ drive - 8 mm	17.7	13.7	38	1	1	**4932480006**	4058546378004
1/2˝ drive - 9 mm	17.7	14.2	38	1	1	**4932480007**	4058546378011
1/2˝ drive - 10 mm	18.8	15.3	38	1	1	**4932480008**	4058546378028
1/2˝ drive - 11 mm	18.8	16.8	38	1	1	**4932480009**	4058546378035
1/2˝ drive - 12 mm	18.8	17.8	38	1	1	**4932480010**	4058546378042
1/2˝ drive - 13 mm	18.8	19	38	1	1	**4932480011**	4058546378059
1/2˝ drive - 14 mm	18.8	20.3	38	1	1	**4932480012**	4058546378066
1/2˝ drive - 15 mm	18.8	21.8	38	1	1	**4932480013**	4058546378073
1/2˝ drive - 16 mm	18.8	21.8	38	1	1	**4932480014**	4058546378080
1/2˝ drive - 17 mm	19.4	23.8	38	1	1	**4932480015**	4058546378097
1/2˝ drive - 18 mm	20.5	25.8	38	1	1	**4932480016**	4058546378103
1/2˝ drive - 19 mm	20.5	25.8	38	1	1	**4932480017**	4058546378110
1/2˝ drive - 20 mm	22.1	27.8	38	1	1	**4932480018**	4058546378127
1/2˝ drive - 21 mm	22.1	27.8	38	1	1	**4932480019**	4058546378134
1/2˝ drive - 22 mm	23.3	29.8	38	1	1	**4932480020**	4058546378141
1/2˝ drive - 23 mm	25.3	31.8	39	1	1	**4932480021**	4058546378158
1/2˝ drive - 24 mm	25.3	31.8	39	1	1	**4932480022**	4058546378165
1/2˝ drive - 25 mm	27.7	33.8	42	1	1	**4932480023**	4058546378172
1/2˝ drive - 26 mm	27.7	33.8	42	1	1	**4932480024**	4058546378189
1/2˝ drive - 27 mm	29.7	35.8	42	1	1	**4932480025**	4058546378196
1/2˝ drive - 28 mm	29.7	37.8	42	1	1	**4932480026**	4058546378202
1/2˝ drive - 30 mm	32.7	39.8	44	1	1	**4932480027**	4058546378219
1/2˝ drive - 32 mm	33.8	41.8	44	1	1	**4932480028**	4058546378226
1/2˝ drive - 36 mm	37.8	45.8	48	1	1	**4932480029**	4058546378233
1/2˝ drive deep - 10 mm	18.8	15	78	1	1	**4932480030**	4058546378240
1/2˝ drive deep - 11 mm	18.8	16.8	78	1	1	**4932480031**	4058546378257
1/2˝ drive deep - 12 mm	18.8	17.8	78	1	1	**4932480032**	4058546378264
1/2˝ drive deep - 13 mm	18.8	19	78	1	1	**4932480033**	4058546420550
1/2˝ drive deep - 14 mm	18.8	20.3	78	1	1	**4932480034**	4058546376048
1/2˝ drive deep - 15 mm	18.8	21.8	78	1	1	**4932480035**	4058546376055
1/2˝ drive deep - 16 mm	18.8	21.8	78	1	1	**4932480036**	4058546376062
1/2˝ drive deep - 17 mm	19.4	23.8	78	1	1	**4932480037**	4058546376079
1/2˝ drive deep - 18 mm	20.5	25.8	78	1	1	**4932480038**	4058546376086
1/2˝ drive deep - 19 mm	20.5	25.8	78	1	1	**4932480039**	4058546376093
1/2˝ drive deep - 20 mm	22.7	27.8	78	1	1	**4932480040**	4058546376109
1/2˝ drive deep - 21 mm	22.7	27.8	78	1	1	**4932480041**	4058546376116
1/2˝ drive deep - 22 mm	23.7	29.8	78	1	1	**4932480042**	4058546403270
1/2˝ drive deep - 23 mm	26.7	31.8	78	1	1	**4932480043**	4058546403287
1/2˝ drive deep - 24 mm	26.7	31.8	78	1	1	**4932480044**	4058546403294
1/2˝ drive deep - 27 mm	29.7	35.8	78	1	1	**4932480045**	4058546403300
1/2˝ drive deep - 30 mm	32.7	39.8	78	1	1	**4932480046**	4058546403317
1/2˝ drive deep - 32 mm	33.8	41.8	78	1	1	**4932480047**	4058546403324
1/2˝ drive deep - 36 mm	37.8	45.8	78	1	1	**4932480048**	4058546403331

1/2˝ Drive hex bit socket

- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- Slim design for better access in tight spaces.
- Single forged piece adds durability in high torque applications.
- Stamped sizes for better visibility in all lighting conditions.



Description	Total length (mm)	Min. order quantity	Pack quantity	Article Number	EAN Code
1/2˝ Drive 4mm hex bit socket	55	1	1	**4932480842**	4058546411275
1/2˝ Drive 5mm hex bit socket	55	1	1	**4932480843**	4058546411282
1/2˝ Drive 6mm hex bit socket	55	1	1	**4932480844**	4058546411299
1/2˝ Drive 7mm hex bit socket	55	1	1	**4932480845**	4058546411305
1/2˝ Drive 8mm hex bit socket	55	1	1	**4932480846**	4058546411312
1/2˝ Drive 9mm hex bit socket	55	1	1	**4932480847**	4058546411329
1/2˝ Drive 10mm hex bit socket	55	1	1	**4932480848**	4058546411336
1/2˝ Drive 12mm hex bit socket	55	1	1	**4932480849**	4058546411343
1/2˝ Drive 14mm hex bit socket	55	1	1	**4932480850**	4058546411350
1/2˝ Drive 17mm hex bit socket	65	1	1	**4932480851**	4058546411367
1/2˝ Drive 19mm hex bit socket	65	1	1	**4932480852**	4058546411374
1/2˝ Drive Metric Hex Bit Socket Set - 10 pc		1	10	**4932480853**	4058546411381

1/2˝ Drive torx bit socket

- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- Slim design for better access in tight spaces.
- Single forged piece adds durability in high torque applications.
- Stamped sizes for better visibility in all lighting conditions.



Description	Total length (mm)	Min. order quantity	Pack quantity	Article Number	EAN Code
1/2˝ Drive T20 Bit Socket	55	1	1	**4932480812**	4058546410971
1/2˝ Drive T25 Bit Socket	55	1	1	**4932480813**	4058546410988
1/2˝ Drive T27 Bit Socket	55	1	1	**4932480814**	4058546410995
1/2˝ Drive T30 Bit Socket	55	1	1	**4932480815**	4058546411008
1/2˝ Drive T40 Bit Socket	55	1	1	**4932480816**	4058546411015
1/2˝ Drive T45 Bit Socket	55	1	1	**4932480817**	4058546411022
1/2˝ Drive T50 Bit Socket	55	1	1	**4932480818**	4058546411039
1/2˝ Drive T55 Bit Socket	55	1	1	**4932480819**	4058546411046
1/2˝ Drive T60 Bit Socket	65	1	1	**4932480820**	4058546411053
1/2˝ Drive T70 Bit Socket	65	1	1	**4932480821**	4058546411060
1/2˝ Drive TX Bit Socket Set - 10 pc		1	9	**4932480822**	4058546411077

½˝ Drive Metric Standard 12-Point Socket

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
½˝ Drive Metric Standard 12-Point Socket - 12mm	1	1	**4932499115**	4058546529840
½˝ Drive Metric Standard 12-Point Socket - 13mm	1	1	**4932499116**	4058546529857
½˝ Drive Metric Standard 12-Point Socket - 14mm	1	1	**4932498824**	4058546526931
½˝ Drive Metric Standard 12-Point Socket - 15mm	1	1	**4932498825**	4058546526948
½˝ Drive Metric Standard 12-Point Socket - 16mm	1	1	**4932498826**	4058546526955
½˝ Drive Metric Standard 12-Point Socket - 17mm	1	1	**4932498827**	4058546526962
½˝ Drive Metric Standard 12-Point Socket - 18mm	1	1	**4932498828**	4058546526979
½˝ Drive Metric Standard 12-Point Socket - 19mm	1	1	**4932498829**	4058546526986
½˝ Drive Metric Standard 12-Point Socket - 20mm	1	1	**4932498830**	4058546526993
½˝ Drive Metric Standard 12-Point Socket - 21mm	1	1	**4932498831**	4058546527006
½˝ Drive Metric Standard 12-Point Socket - 22mm	1	1	**4932498832**	4058546527013
½˝ Drive Metric Standard 12-Point Socket - 23mm	1	1	**4932498833**	4058546527020
½˝ Drive Metric Standard 12-Point Socket - 24mm	1	1	**4932498834**	4058546527037
13 pc ½˝ 12 Point Standard Socket Set - Metric ½˝ Drive 12-Point Standard Sockets: 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm	13	1	**4932498797**	4058546526665

½˝ Drive Metric Deep 12-Point Socket

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
½˝ Drive Metric Deep 12-Point Socket - 12mm	1	1	**4932499117**	4058546529864
½˝ Drive Metric Deep 12-Point Socket - 13mm	1	1	**4932499118**	4058546529871
½˝ Drive Metric Deep 12-Point Socket - 14mm	1	1	**4932498835**	4058546527044
½˝ Drive Metric Deep 12-Point Socket - 15mm	1	1	**4932498836**	4058546527051
½˝ Drive Metric Deep 12-Point Socket - 16mm	1	1	**4932498837**	4058546527068
½˝ Drive Metric Deep 12-Point Socket - 17mm	1	1	**4932498838**	4058546527075
½˝ Drive Metric Deep 12-Point Socket - 18mm	1	1	**4932498839**	4058546527082
½˝ Drive Metric Deep 12-Point Socket - 19mm	1	1	**4932498840**	4058546527099
½˝ Drive Metric Deep 12-Point Socket - 20mm	1	1	**4932498841**	4058546527105
½˝ Drive Metric Deep 12-Point Socket - 21mm	1	1	**4932498842**	4058546527112
½˝ Drive Metric Deep 12-Point Socket - 22mm	1	1	**4932498843**	4058546527129
½˝ Drive Metric Deep 12-Point Socket - 23mm	1	1	**4932498844**	4058546527136
½˝ Drive Metric Deep 12-Point Socket - 24mm	1	1	**4932498845**	4058546527143
13 pc ½˝ 12 Point Deep Socket Set - Metric ½˝ Drive 12-Point Deep Sockets: 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm	13	1	**4932498798**	4058546526672

½˝ Drive External Torx Socket

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
½˝ Drive E10 E-TX Socket	1	1	**4932500314**	4058546616168
½˝ Drive E12 E-TX Socket	1	1	**4932500315**	4058546616175
½˝ Drive E14 E-TX Socket	1	1	**4932500316**	4058546616182
½˝ Drive E16 E-TX Socket	1	1	**4932500317**	4058546616199
½˝ Drive E18 E-TX Socket	1	1	**4932498855**	4058546527242
½˝ Drive E20 E-TX Socket	1	1	**4932498856**	4058546527259
½˝ Drive E24 E-TX Socket	1	1	**4932498858**	4058546527273

12pc ¼˝,⅜˝,½ Drive External Torx Socket Set - Metric

NEW

- FOUR FLAT™ sides on socket deter rolling.
- Wrench ready FOUR FLAT™ sides.
- Stamped sizes for easy visibility.
- Chrome finish for easy cleaning and corrosion protection.
- Stored on a socket rail for better tool organization.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
12 pc ¼˝,⅜˝,½˝ Drive External Torx Standard Socket Set - Metric ¼˝ Drive: E4, E5, E6, E7, E8, E10; ⅜˝ Drive: E12, E14, E16; ½˝ Drive: E18, E20, E24	12	1	**4932498799**	4058546526689

½˝ drive universal joint

- Improved joint durability to withstand higher torque.
- Wobble drive to provide additional access and can also be used in the standard position when socket is fully inserted.
- Allows access to difficult angles that cannot be reached with a fixed ratchet and socket.
- Chrome finish for corrosion and rust resistance.
- Laser engraved size label for quick and easy identification.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
½˝ drive universal joint	1	1	**4932480650**	4058546409357

1/2" Drive extensions

- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Laser engraved size ID for quick and easy identification.
- Chrome finish for corrosion and rust protection.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2" Drive 76mm extension	1	1	**4932480915**	4058546412005
1/2" Drive 127mm extension	1	1	**4932480916**	4058546412012
1/2" Drive 254mm extension	1	1	**4932480917**	4058546412029
1/2" Drive 381mm extension	1	1	**4932480918**	4058546412036
1/2" drive extension set - 4 pc 76mm, 127mm, 254mm, 381mm	4	1	**4932480639**	4058546409241

1/2" Drive locking extensions

NEW

- Knurled locking collar keeps socket securely attached.
- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Chrome finish for corrosion and rust protection.
- Laser engraved size ID for quick and easy identification.
- Sizes available: 76mm, 127mm, 254mm.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2" Drive 76mm locking extension	1	1	**4932480936**	4058546412210
1/2" Drive 127mm locking extension	1	1	**4932480937**	4058546412227
1/2" Drive 254mm locking extension	1	1	**4932480938**	4058546412234
3pc 1/2" Drive locking extension set 76mm, 127mm, 254mm	3	1	**4932480645**	4058546409302

1/2" Drive wobble extensions

- Wobble functionality provides additional access in tight spaces and can also be used as a standard extension when fully inserted.
- Precision knurling located on the shaft and female drive end for better control when hand threading.
- Chrome finish for corrosion and rust protection.
- Laser engraved size ID for quick and easy identification.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2" Drive 76mm wobble extension	1	1	**4932480927**	4058546412128
1/2" Drive 127mm wobble extension	1	1	**4932480928**	4058546412135
1/2" Drive 254mm wobble extension	1	1	**4932480929**	4058546412142
3pc 1/2" Drive wobble extension set 76mm, 127mm, 254mm	3	1	**4932480642**	4058546409272

1/2" drive breaker bar

- Provides Extra leverage for tougher bolts.
- 180° swiveling head.



Description	Total length (mm)	Total length (inch)	Article Number	EAN Code
1/2" drive breaker drive (15")	380	15	**4932471866**	4058546297657
1/2" drive breaker drive (24")	610	24	**4932471867**	4058546297664

1/2" Drive bit holder

- Spring collar to securely hold bits.
- Chrome finish for improved rust protection.
- 1/4" Hex bit reception to work with the most common bit sizes.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2" Drive Bit Holder for 1/4" Hex Bits	1	1	**4932493963**	4058546511234

T-bar handle with swivel socket hex metric

- 180° Durable swiveling socket for best access hard-to-reach angles.
- Sliding handle bar to optimal adjust to different positions for more leverage or narrow spaces.
- Shallow sockets to allow fastening of nuts with longer bolts.
- Available sizes: 6-22mm, 24mm.
- Available sets: 7pc.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
T-bar handle with swivel socket hex 6mm	1	1	**4932492675**	4058546475468
T-bar handle with swivel socket hex 7mm	1	1	**4932492676**	4058546475475
T-bar handle with swivel socket hex 8mm	1	1	**4932492677**	4058546475482
T-bar handle with swivel socket hex 9mm	1	1	**4932492678**	4058546475499
T-bar handle with swivel socket hex 10mm	1	1	**4932492679**	4058546475505
T-bar handle with swivel socket hex 11mm	1	1	**4932492680**	4058546475512
T-bar handle with swivel socket hex 12mm	1	1	**4932492681**	4058546475529
T-bar handle with swivel socket hex 13mm	1	1	**4932492682**	4058546475536
T-bar handle with swivel socket hex 14mm	1	1	**4932492683**	4058546475543
T-bar handle with swivel socket hex 15mm	1	1	**4932492684**	4058546475550
T-bar handle with swivel socket hex 16mm	1	1	**4932492685**	4058546475567
T-bar handle with swivel socket hex 17mm	1	1	**4932492686**	4058546475574
T-bar handle with swivel socket hex 18mm	1	1	**4932492687**	4058546475581
T-bar handle with swivel socket hex 19mm	1	1	**4932492688**	4058546475598
T-bar handle with swivel socket hex 20mm	1	1	**4932492689**	4058546475604
T-bar handle with swivel socket hex 21mm	1	1	**4932492690**	4058546475611
T-bar handle with swivel socket hex 22mm	1	1	**4932492691**	4058546475628
T-bar handle with swivel socket hex 24mm	1	1	**4932492692**	4058546475635
7 pc T-bar handle with swivel socket set 8, 10, 11, 13, 14, 17, 19mm	7	1	**4932492674**	4058546475451



OUTDOOR HAND TOOLS









Pruning Shear

NEW

- Optimized bypass blade design cuts through branches up to Ø25 mm with ease.
- Steel blades deliver long-lasting, reliable cutting performance.
- Innovative blade assembly withstands high force for smooth cutting of tough branches.
- Two-position lock feature limits max opening for faster cuts and reduced hand fatigue.
- Ergonomic handle design comfortably fits small, medium, and large hand sizes.
- Comfortable dipped grips offer a premium feel in the hand.
- Sizes available: 20 mm, 25 mm.



Description	Max. cutting diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
25 mm Bypass Pruning Shear	25	1	1	**4932498621**	4058546524906
20 mm Bypass Pruning Shear	20	1	1	**4932498622**	4058546524913
Pruning Shear - Replacement Springs (3 pcs)				**4932500541**	4058546618438

50 mm Bypass Lopper

NEW

- Optimized bypass blade design cuts through branches up to Ø50 mm with ease.
- Forged steel blades deliver long-lasting, reliable cutting performance.
- Lightweight, durable aluminum handles reduce weight without sacrificing strength.
- The robust 690 mm long handles offer high leverage for larger cuts in hardwoods.
- Dual-Grip zones allow users to have different positions to grab.
- Ergonomic rubber overmold handle for maximum grip.



Max. cutting diameter (mm)	Length (cm)	Pack quantity	Min. order quantity	Article Number	EAN Code
50	85	1	1	**4932498625**	4058546524944

Splitting Axe

NEW

- Precision-beveled blade ensures optimal sharpness for precise, efficient wood splitting
- Forged steel blade for superior strength and long-lasting sharpness.
- Most durable handle with steel reinforcement and a full metal core that resists bending.
- Ergonomic handle with a wear resistant rubber overmold grip for maximum control.
- Includes a sheath for easy transport and safe storage.
- Sizes available for Splitting Axe: 40cm, 66cm, 90cm.
- Sizes available for Splitting Maul: 3.6kg.



Length (cm)	Weight (kg)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	1.1 kg	1	1	**4932498628**	4058546524975
66	2.7 kg	1	1	**4932498629**	4058546524982

Pruning Shear Sheath

NEW

- Durable sheath material prevents the blade tip from piercing through.
- Tough hard plastic at front panel for outdoor use.
- Flexible back panel for more wearing comfort on the belt when working.
- Metal belt clip and loop with a maximum height of up to 50 mm, for highest versatility.
- Multi-Fit design for 20 mm and 25 mm pruning shears.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Pruning Shear Sheath	1	1	**4932498627**	4058546524968

Pruning Shear with Sheath

NEW

- Optimized bypass blade design cuts through branches up to Ø25 mm with ease.
- Forged steel blades deliver long-lasting, reliable cutting performance.
- Innovative blade assembly withstands high force for smooth cutting of tough branches.
- Two-position lock feature limits max opening for faster cuts and reduced hand fatigue.
- Ergonomic handle design comfortably fits small, medium, and large hand sizes.
- Comfortable dipped grips offer a premium feel in the hand.
- Includes a Multi-Fit design Pruning Shear Sheath.
- Sizes available: 20 mm, 25 mm.



Max. cutting diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
20	1	1	**4932499680**	4058546568443
25	1	1	**4932499679**	4058546568436

Curved Saw

NEW



- Highly efficient saw blade with Japanese pull cut teeth design for faster cuts and effortless work.
- Cuts through branches of up to Ø200 mm with ease.
- Quadruple-sharpened teeth stay sharp longer for lasting cutting performance.
- Chrome plated blade resists rust, reduces friction, and ensures smoother, longer-lasting performance.
- Ergonomic softgrip design for maximum hand comfort.
- Handle angle optimized to blade position to reduce fatigue when cutting.
- Variable position of the sheath clip for right or left-handers.

Blade length (mm)	Max. cutting diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
350	200	1	1	**4932498623**	4058546524920

Curved Folding Saw

NEW



- Highly efficient saw blade with Japanese pull cut teeth design for faster cuts and effortless work.
- Cuts through branches of up to Ø150 mm with ease.
- Quadruple-sharpened teeth stay sharp longer for lasting cutting performance.
- Chrome plated blade resists rust, reduces friction, and ensures smoother, longer-lasting performance.
- Ergonomic softgrip design for maximum hand comfort.
- Handle angle optimized to blade position to reduce fatigue when cutting.
- Variable locking position of the saw blade for regular straight cuts or angled cuts in confined areas.
- Different grip positions to reach further or closer branches.
- Folding design for safe, pocket-sized portability.

Blade length (mm)	Max. cutting diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
250	150	1	1	**4932498624**	4058546524937

Pole Saw & Pruner

NEW



- 2-IN-1 — Saw & Pruner combines two tasks in one tool, saving time by eliminating the need to switch tools.
- Saw blade cuts through branches of up to Ø180 mm with ease.
- Integrated pruner with rope pull mechanism for cutting thinner branches of up to Ø30 mm with ease.
- Quadruple-sharpened saw blade teeth stay sharp longer for lasting cutting performance.
- Chrome plated saw blade resists rust, reduces friction, and ensures smoother, longer-lasting performance.
- Telescopic full-aluminum pole, 2,1 m long in its standard position, built for maximum durability.
- Extendable up to 4.9 m for cutting high branches safely from the ground.
- Softgrip handle design for maximum hand comfort.
- Optimized ergonomics with an oval-shaped pole for improved grip and better control.
- Quick and easy replacement of the saw blade.

Blade length (mm)	Max. cutting diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
330	180	1	1	**4932498626**	4058546524951

2.3 kg Splitting Wedge

NEW



- Side Wings boost efficiency by forcing wood apart faster and more splitting control for large, tough logs.
- Fully corrosion resistant coating for long-lasting blade sharpness.
- Large strike face for maximum impact surface and more efficiency.
- 200 mm long and 2.3 kg heavy body made of forged steel for exceptional durability and strength.

Weight (kg)	Pack quantity	Min. order quantity	Article Number	EAN Code
2.3	1	1	**4932500679**	4058546619817

Pole Saw & Pruner - Replacement Saw Blade

NEW



- Quick and easy replacement of the saw blade for the Pole Saw & Pruner.
- Cuts through branches of up to Ø180 mm with ease.
- Quadruple-sharpened saw blade teeth stay sharp longer for lasting cutting performance.
- Chrome plated saw blade resists rust, reduces friction, and ensures smoother, longer-lasting performance.

Blade length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
330	1	1	**4932500540**	4058546618421

TRADE SETS





PACKOUT™ Electrician Set 62pcs

NEW

- PACKOUT™compatible - provides highest levels of durability and tool protection.
- Most innovative inlay design - Clamps the tools and holds them in place for optimal organization.
- Uniform appearance and premium handtools.
- Multiple Inlays & Dividers - suited & unlimited configuration with extra space for favorite hand tools.
- Insulated pliers - VDE certified, Steel blades are fully forged, hardened and tempered for best durability.
- Tri lobe screwdriver - Slim shank diameter for access to low lying screw applications, VDE certified.
- 1/4in Ratchet Driver & Socket set - Ratchet with 90 tooth design and 4° of arc swing, ideal for tight work spaces.
- Automatic Wire Stripper - Fully automatic, self-adjusting wire stripper for all common stranded and solid wires from 0.2 squaremm to 16 squaremm.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ Electrician Set 62pcs	62	1		
VDE Diagonal Cutter 160mm, VDE Heavy Duty Diagonal Cutter 200mm, VDE Long 45deg. Round Nose Pliers 205mm, VDE Combination Plier 180mm, VDE Water pump plier 240mm, Tri-Lobe VDE Screwdriver 0.4X2.5X75, Tri-Lobe VDE Screwdriver 0.6X3.5X100, Tri-Lobe VDE Screwdriver 1.2X6.5X150, Tri-Lobe VDE Screwdriver PZ/ SL1 X80, Tester 0.5X3X65, Cable Stripper, Hex Key 9pc Set, Hickory Engineers Hammer 300g, Level Handy 10 cm, Fastback Flip Utility Knife With Blade Storage, Automatic Wire Stripper, 1/4in Ratchet Driver+Socket set 38pc			**4932499466**	4058546566302

PACKOUT™ Plumbing Set 74pcs

NEW

- PACKOUT™compatible - provides highest levels of durability and tool protection.
- Most innovative inlay design - Clamps the tools and holds them in place for optimal organization.
- No Brand Mix - Uniform appearance and premium handtools.
- Multiple Inlays & Dividers - suited & unlimited configuration with extra space for favorite hand tools.
- VDE pliers - VDE certified, Steel blades are fully forged, hardened and tempered for best durability.
- Tri lobe Demolition screwdriver - Hammer ready strike caps.
- Maxbite Rat Met Comb Spanners -144 Ratcheting teeth positions giving 2.5° arc swing allowing access in tighter space.
- 1/4in Ratchet Driver & Socket set - Ratchet with 90 tooth design and 4° of arc swing, ideal for tight work spaces.
- Tubing Cutter 42mm- 4 roller design delivers accurate cuts and prevents walking.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ Plumbing Set 74pcs	74	1		
VDE Diagonal Cutter 160mm, VDE Heavy Duty Diagonal Cutter 200mm, VDE Long Round Nose Pliers 205mm, VDE Combination Plier 180mm, Adjustable Water pump plier 250mm, 4in1 Multi-Purpose Stripper, Tri-Lobe VDE Screwdriver 0.4X2.5X75, Tri-Lobe VDE Screwdriver 0.6X3.5X100, Tri-Lobe VDE Screwdriver 1.2X6.5X150, Tri-lobe Demolition Screwdriver Set, Tester 0.5X3X65, Maxbite Rat Met Comb Span 10mm, Maxbite Rat Met Comb Span 13mm, Maxbite Rat Met Comb Span 17mm, Maxbite Rat Met Comb Span 19mm, Fiberglass Engineers Hammer 300g, 1/4in Ratchet Driver+Socket set 38pc, Fastback Flip Utility Knife With Blade Storage, Hex Key 9pc Set, Folding Torx Key 8pc Set, Tube Cutter 3.2-42mm			**4932499467**	4058546566319

PACKOUT™ Electrician Box

NEW

- PACKOUT™ compatible - provides highest levels of durability and tool protection
- Most innovative inlay design - clamps the tools and holds them in place for optimal organization
- Multiple inlays & dividers - allows suited & unlimited configuration with lots of space for favorite handtools



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ Electrician Box	1	1	**4932499703**	4058546568672

PACKOUT™ Plumbing Box

NEW

- PACKOUT™ compatible - provides highest levels of durability and tool protection
- Most innovative inlay design - clamps the tools and holds them in place for optimal organization
- Multiple inlays & dividers - allows suited & unlimited configuration with lots of space for favorite handtools



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ Plumbing Box	1	1	**4932499704**	4058546568689

STAY **SAFE.**
STAY **PRODUCTIVE.**

SAFETY. TAKEN SERIOUSLY.

By designing cordless tools without compromise, and creating a range of PPE designed around user needs, at MILWAUKEE®, we're making the jobsite safer and more productive every day.

Today, we're proud to boast over 215 Cordless Tools on our M18™ platform and over 95 Cordless Tools on our M12™ platform, eliminating trip hazards from the jobsite. We've redefined the light equipment market with the launch of our MX Fuel™ range, preventing the need for petrol on the jobsite with the launch of key tools including the 350mm Cut Off Saw, and Cordless Breaker.

Personal Protective Equipment has seen little innovation over the years, driving users to modify their gear to better meet their needs. By taking time to understand our users' needs, we have developed PPE from the ground up, enabling users to adapt to each job. This has paved the way for innovative solutions such as our new safety glasses that can be worn all day with lasting, fog-free lenses.

MILWAUKEE® is committed to creating innovative solutions that help users stay safe and stay productive on the jobsite.

SAFETY GLASSES
USING THE CORRECT
EYE PROTECTION
COULD REDUCE THE SEVERITY OR PREVENT
90%
OF JOBSITE EYE INJURIES

(preventblindness.org, 2019)

GLOVES
70%
OF WORKERS
WHO EXPERIENCED
HAND INJURIES
WERE NOT WEARING
THE CORRECT GLOVES

(Manufacturing.net, 2019)

LANYARDS
A FALLING OBJECT
IS THE 3RD
HIGHEST CAUSE OF
FATALITY
ON A JOBSITE

(Peoplesafe.co.uk, 2019)



UNDERSTANDING THE GUIDANCE

STAY **SAFE.**
STAY **PRODUCTIVE.**

HEAD PROTECTION STANDARDS

EN397: EN12492 HEAD PROTECTION

EN397 is a European standard that sets out the requirements for industrial safety helmets. The standard applies to helmets intended to provide protection against falling objects and other types of head impact in industrial settings.

The EN397 standard specifies a number of requirements that a helmet must meet to be considered suitable for industrial use. These requirements include:



1. Resistance to impact: The helmet must be able to withstand a specified level of impact energy without breaking or deforming.
2. Penetration resistance: The helmet must be able to resist the penetration of objects that may strike the head, such as nails, screws or sharp objects.
3. Shock absorption: The helmet must be designed to absorb the force of an impact and distribute it evenly across the head.
4. Retention system: The helmet must have a chin strap or other retention system to keep it securely on the head.
5. Field of vision: The helmet must provide an adequate field of vision for the wearer.
6. Resistance to flame: The helmet must not ignite or continue to burn after exposure to a flame.
7. Electrical insulation: The helmet must provide protection against electric shocks.

EN397 is one of the most widely recognized standards for industrial safety helmets in Europe and is often used as a basis for certification and testing by third-party organizations.

EN12492

EN12492 is a European standard that sets out the requirements for mountaineering helmets. The standard applies to helmets intended to provide protection against impacts, penetration, and lateral deformation for mountaineers, rock climbers, and other vertical activities.

The EN12492 standard specifies a number of requirements that a helmet must meet to be considered suitable for mountaineering use. These requirements include:

1. Resistance to impact: The helmet must be able to withstand a specified level of impact energy without breaking or deforming.
2. Penetration resistance: The helmet must be able to resist the penetration of objects that may strike the head, such as rocks or ice.
3. Retention system: The helmet must have a chin strap or other retention system to keep it securely on the head during an impact.
4. Lateral deformation: The helmet must be designed to prevent excessive lateral deformation during an impact, which can cause injury to the neck or brain.
5. Field of vision: The helmet must provide an adequate field of vision for the wearer.
6. Ventilation: The helmet must have sufficient ventilation to prevent overheating during physical activity.
7. Compatibility with other equipment: The helmet must be compatible with other equipment, such as goggles or headlamps.
8. Durability: The helmet must be designed to withstand normal wear and tear associated with mountaineering activities.

STANDARDS	FORCE TRANSMISSION (TOP)	PENETRATION (TOP)	FORCE TRANSMISSION (SIDE,FRONT, REAR)
EN397	49J 5KG 1M MAX FORCE: 5.000N	29J 3KG 1M	-
EN12492	100J 5KG 2M MAX FORCE: 10.000N	29J 3KG 1M	25J 5KG 0.5M MAX FORCE: 10.000N

To meet the EN12492 standard, a helmet must undergo a series of tests, including an impact test, a penetration test, and a retention system test. The helmet is also tested for lateral deformation, field of vision, and ventilation. EN12492 is one of the most widely recognized standards for mountaineering helmets in Europe and is often used as a basis for certification and testing by third-party organizations.

EN 50365

EN 50365 is the European standard for electrically insulating helmets used for electrical work up to 1,000 volts AC or 1,500 volts DC. It dictates the necessary design, material, and testing requirements to ensure the wearers safety. Compliance with this standard is crucial for protecting individuals working in electrical environments.

MILWAUKEE®'s BOLT 100 hard hat and BOLT 200 helmet fully comply with EN 50365, and is certified for use up to 1000V A.C. and 1500V D.C. in both vented and unvented versions.

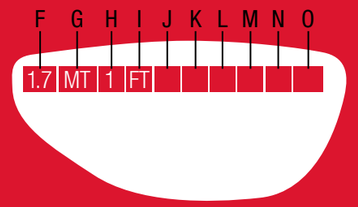
SAFETY GLASSES

EN 166:2001 PERSONAL EYE-PROTECTION

The EN 166 standard specifies requirement for personal eye-protectors, used to combat various hazards as encountered across numerous industries which are likely to damage the eye or impair vision. The EN 170 standard specifies requirements for ultraviolet filters, while EN 172 refers to the sun glare filtration for industrial use.

All MILWAUKEE® safety glasses are certified according to EN 166, to guarantee the eye protection and the resistance to impact. The clear safety glasses are EN 170 certified, to offer an UV protection, even with clear lenses, while the tinted and polarised safety glasses are EN 172 certified to offer a solar protection, ideal for the jobsite and also during leisure time.





- 2C-1.2 MT 1FT CE
- 2 = EN 170 (UV filters standard)
- C = Unimpaired color (clear lenses)
- 1.2 = Protection level (1.2 is the lightest)
- MT = MILWAUKEE® Tool
- 1 = Optical class (avoid diziness)
- F = Impact resistance
  (only F can apply to safety glasses, A & B are for safety goggles)
- T = Extreme temperatures resistance (-5° / +55°)
- K = Anti-scratch
- N = Anti-Fog
- CE = European Certification



Same frame marking for all 6 SKUs

- **MT 166 FT CE**
- MT = MILWAUKEE® Tool
- 166 = Name of the EN standard
- F = Impact resistance
  (only F can apply to safety glasses, A & B are for safety goggles)
- T = Extreme temperatures resistance (-5° / +55°)
- CE = European Certification

HEARING PROTECTION

Hearing protection is crucial on the jobsite to prevent hearing damage from excessive noise exposure. It maintains worker safety, concentration, and productivity. Prioritizing hearing protection safeguards workers' long-term hearing health from permanent damage that may occur and creates a safer work environment.

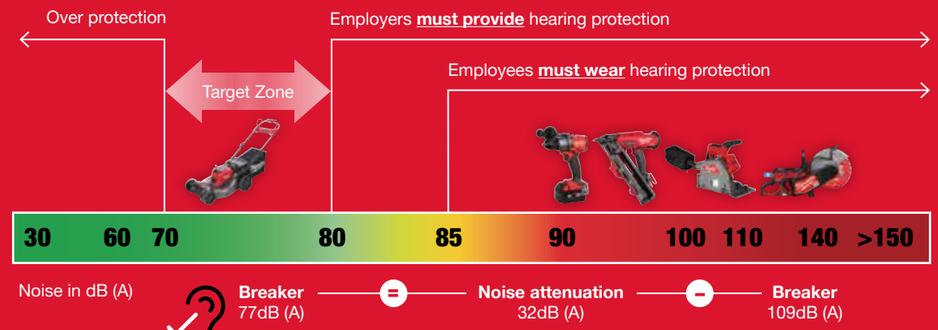
The EN 352 standard that all MILWAUKEE® hearing protection products meet, provides workers with the protection they need to Stay Safe and Stay Productive on the jobsite.

EN 352-2:2020 HEARING PROTECTORS: EARPLUGS

The EN 352-2 standard regulates earplugs that are inserted directly into the ear canal. The standard ensures the earplugs are made with appropriate materials, designed for comfort and effectiveness, meet performance benchmarks, carry necessary markings, and provide clear instructions for users. Adhering to this standard promotes the safety and reliability of earplugs for protecting hearing in noisy environments.

When noise exceeds 85 dB on the jobsite, it is mandatory for employers to provide hearing protection that meets these requirements. All MILWAUKEE® earplugs that are inserted into the ear canal fully meet the EN 352-2 standards and protect workers from long term damage.

Hearing protection is mandatory when noise exceeds 85 dB (upper action level).





SNR (Single Number Rating) = attenuation in dB
H/M/L = High-/ Medium- /Low-frequency attenuation value

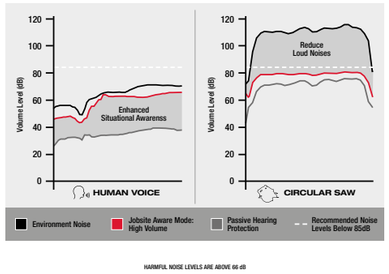
Noise – SNR = residual noise level
Higher SNR or H/M/L value = higher noise attenuation

The REDLITHIUM USB™ Jobsite Earbuds feature advanced technology that not only meets the EN 352-2 standards but also provides additional functionalities for the modern jobsite. Jobsite Awareness Mode ensures that users can safely hear necessary environmental sounds while being protected from harmful noise levels. When fully charged, the earbuds provide up to 10 hours of continuous use, with an additional 70 hour's run time from the case. The earbuds are designed to limit entertainment audio signals to a safe level of 82 dB(A), particularly for Bluetooth A2DP, HFP, and HSP inputs, thereby preventing overexposure to high volume levels that can damage hearing.

To maintain their effectiveness, the foam inserts should be regularly inspected for any signs of wear and tear, such as deterioration or cracking, and cleaned with a damp cloth. It is recommended to replace the inserts periodically to ensure optimal performance and hygiene.

JOBSITE AWARE MODE

Provides controllable situational awareness, while reducing the intensity of loud external noises



EN 352-2:2020 HEARING PROTECTORS: EAR MUFFS

EN 352-3 is a standard for earmuffs designed to be mounted on protective helmets or head/face protection devices. The standard ensures compatibility, effectiveness, and safety by specifying materials, secure fit, noise reduction, compliance markings, and user instructions. Adhering to EN 352-3 guarantees reliable hearing and head/face protection in hazardous environments.

All MILWAUKEE® ear muffs that are attached to protective hard hats/helmets fully meet the EN 352-3 standards.



HAND PROTECTION

EN 388:2016 PROTECTIVE GLOVES AGAINST MECHANICAL RISKS

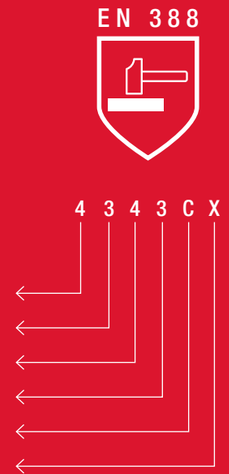


The EN 388 standard specifies requirements, test methods, marking and information to be supplied for protective gloves against the mechanical risks of abrasion, blade cut, tear, puncture and, if applicable, impact.

The impact protection has to fully encompass the back of hand, including the fingers. This standard is intended to be used in conjunction with EN ISO 21420.

All MILWAUKEE® hand protection solutions are certified according to both EN ISO 21420 and EN 388 standards, the rating given varies for each type of gloves. EN ISO 21420 is the European general requirement and test method standard for protective gloves.





Rating	
Abrasion	1-4
Cut (Coup Test)	1-5
Tear	1-4
Puncture	1-4
Cut (TDM-100 Test)	A-F
Impact Protection	P,F

X= Not tested P= Pass F= Fail

WINTER GLOVES

EN 511:2006 PROTECTIVE GLOVES AGAINST COLD



The EN 511 standard specifies the requirements and test methods for protective gloves against convective cold or contact cold down to - 50 ° C solid.

The cold can vary with the climatic conditions or one professional activity. This standard is intended to be used in conjunction with EN 388 and EN ISO 21420.





Min – Max	
Convective Cold	0-4
Contact Cold	0-4
Water Permeability	0-1

X= Not tested

CHEMICAL GLOVES

EN ISO 374-1: 2016 PROTECTIVE GLOVES AGAINST DANGEROUS CHEMICALS AND MICRO-ORGANISMS



The EN ISO 374-1:2016 standard specifies the requirements for gloves designed to protect against dangerous chemicals and micro-organisms. This includes protection through resistance to degradation, permeation, and penetration by chemicals. Gloves must meet key performance criteria, such as resistance to chemical exposure and maintaining material integrity.

Chemicals can penetrate through defects in the glove material, such as holes. Degradation occurs when the glove material is negatively impacted by chemical contact, and the degradation percentage must be included in the user instructions. Permeation refers to chemicals breaking through the glove material at a molecular level, and gloves are tested to ensure they meet minimum breakthrough times.

Type A gloves must withstand a breakthrough time of at least 30 minutes against 6 or more test chemicals. Type B gloves must meet the same time requirement for at least 3 test chemicals, and Type C gloves must withstand 10 minutes for at least 1 test chemical.

HEAT PROTECTION EN 407

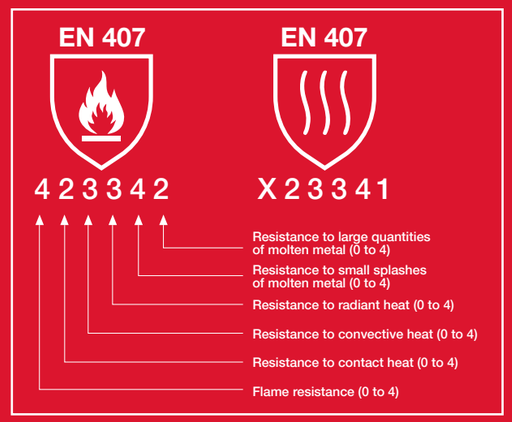
EN ISO 21420 AND EN 407 PROTECTION AGAINST THERMAL RISKS

The EN 407 standard specifies requirements, test methods, marking, and information to be supplied for protective gloves that provide protection against thermal risks such as heat and/or fire.

It covers performance for burning behavior, contact heat, convective heat, radiant heat, small splashes of molten metal, and large quantities of molten metal. Gloves certified under this standard are designed to ensure the user's hands are protected against various heat-related hazards depending on the application.

This standard is intended to be used in conjunction with EN ISO 21420, which defines the general requirements and test methods for protective gloves.

All MILWAUKEE® hand protection solutions that address thermal risks are certified according to both EN ISO 21420 and EN 407 standards, with the rating varying for each type of glove.



HIGH VISIBILITY

EN ISO 20471:2013 HIGH VISIBILITY CLOTHING



The EN ISO 20471 standard specifies requirements for high visibility clothing to ensure it is capable of visually signalling the user's presence. High visibility clothing ensures the user can be seen in all light conditions and is divided into 3 performance classes depending on the requirements.

The MILWAUKEE® high visibility vests are intended for multiple applications and are class 2 certified.

	Class 1	Class 2	Class 3
Reflective Tape	0.10 sqm	0.13 sqm	0.20 sqm
Fluorescent Material	0.14 sqm	0.50 sqm	0.80 sqm
Level of visibility	Lowest	Intermediate	Highest

RIS-3279-TOM (ONLY ORANGE CONTRACTOR HI-VIS VEST)



RIS-3279-TOM (formerly GO-RT 3279) is a high visibility standard specifically for the UK rail industry, unlike the broader EU-wide EN standards. Its purpose is to ensure rail workers near tracks are highly visible to approaching trains or other traffic. The standard requires compliance with color specifications in BS EN 20471 clause 5.1.2 to ensure a specific orange shade, avoiding red hues. The exact chromaticity coordinates for the fluorescent orange color are X: 0.588, Y: 0.371, with a luminance factor of at least 0.4. While the color tolerance follows EN 20471, there is no tolerance for the luminance factor.

	Class 1	Class 2	Class 3
Reflective Tape	0.10 sqm	0.13 sqm	0.20 sqm
Fluorescent Material	0.14 sqm	0.50 sqm	0.80 sqm
Level of visibility	Lowest	Intermediate	Highest

CLOTHING

EN 13758-1:2001 TEXTILES - SOLAR UV PROTECTIVE PROPERTIES - PART 1: METHOD OF TEST FOR CLOTHING FABRICS

The EN 13758-1 standard specifies the requirements and test methods for clothing designed to offer ultraviolet (UV) protection. This standard ensures that the clothing fabric meets the criteria for UV protection and is capable of effectively blocking harmful UV rays, with a rating of UPF50+ (all MILWAUKEE® EN 13758-1 certified products carry a UPF50+ rating) . This standard is intended to be used in conjunction with other relevant textile and clothing standards to ensure comprehensive protection and performance.



MILWAUKEE® products that hold the EN 13758 certification are: PVA Cooling Towel and Cooling Microfiber Towel, Skull Cap, Work T-Shirts, Warm Weather T-Shirts, Baseball Caps, Performance Caps, Red Performance Neck Gaiters.

KNEE PADS

Wearing knee protection on the jobsite is important for several reasons:

- Reduce the risk of knee injuries: Knee pads reduce the risk of knee injuries that occur from kneeling and crawling.
  This can help prevent long-term damage to the knees, such as joint pain, arthritis, and other knee-related conditions.
- Increase comfort and productivity: Knee protection helps to reduce the discomfort and fatigue that can occur
  from working on hard surfaces or kneeling for long periods.
- Meet safety regulations: In many industries and job sites, knee protection is required by law or industry standards to ensure worker safety. Wearing knee protection can help ensure compliance with these regulations and prevent penalties for non-compliance.

EN 14404:2004+A1:2010 KNEE PROTECTORS FOR WORK WHEN KNEELING





In Europe, the most commonly recognized knee protection standard for workers on job sites is EN 14404:2004+A1:2010. This standard specifies the requirements and test methods for knee protectors used in tasks where the user is frequently kneeling. The standard covers the design, construction, performance, and marking of knee protectors, and it is applicable to all types of knee protectors used in occupational environments, including those worn over or integrated into clothing. Knee pads are tested based on their impact absorption, pressure distribution of the entire surface and protection against penetration of sharp or pointy objects.

EN 14404:2004+A1:2010 is recognized throughout the European Union and is widely used by manufacturers, employers, and workers to ensure that knee protectors provide the necessary level of protection and performance for workers who kneel frequently as part of their job duties.



Type 1	Knee pads independent of other clothing, fastened around the legs
Type 2	Knee pads in foam or other padding, secured in pockets on the legs, or which is permanently attached to the pants.
Type 3	Knee pads not stuck to the body but placed in position as the user moves around.
Type 4	Knee pads, which is part of a unit with additional functions, such as the framework for support to stand up, or kneeling seat. Can be worn on the body, or be independent.



Protection Class 0	Flat floor surfaces
Protection Class 1	Flat or uneven floor surface. Protects against penetration by a force of at least (100 ± 5) N
Protection Class 2	Flat or uneven floor surfaces under severe conditions. Protects against penetration by a force of at least (250 ± 10) N

SAFETY FOOTWEAR

EN ISO 20345:2022 SAFETY FOOTWEAR



The EN ISO 20345:2022 standard outlines the requirements for safety footwear designed for general use. This includes protection against mechanical risks, slip resistance, thermal hazards, and ergonomic performance. Safety footwear must meet all fundamental criteria, such as measurements, construction quality, material durability, and resistance to external factors.

Depending on the specific hazards in the workplace, additional requirements may be necessary. In these cases, the footwear must meet the relevant additional standards and be appropriately marked. Each MILWAUKEE® shoe's specific performance ratings are indicated on the tongue label and the shoe box sticker.

Class I	Footwear made entirely from leather and other materials
Class II	All entirely moulded footwear
SBH	Hybrid footwear that cannot be classed as either I or II.
SB	Safety toe cap protection only, tested with 200 J impact and 15 KN compression force.
S1	Class 1 + Closed heel area + SB + A + E
S2	As S1 + WPA
S3	(Metal insert type P) as S2 + P + Cleated Outsole
S3L	(Non-metal insert type PL) as S2 + PL + Cleated Outsole
S3S	(Non-metal insert type PS) as S2 + PS + Cleated Outsole
S4	Upper material of all Rubber or Polymeric as SB + Closed heel area + A + E
S5	(Metal insert type P) as S4 + P + Cleated Outsole
S5L	(Non-metal insert type PL) as S4 + PL + Cleated Outsole
S5S	(Non-metal insert type PS) as S4 + PS + Cleated Outsole
S6	As S2 + WR
S7	(Metal insert type P) as S3 + WR
S7L	(Non-metal insert type PL) as S3 + WR
S7S	(Non-metal insert type PS) as S3 + WR
HRO	Heat resistant outsole compound: Shall withstand 300°C for 60 seconds.
FO	Resistance to fuel oil
LG	Ladder grip
SC	Scuff cap abrasion

P	(Metal insert type P) Penetration resistant outsole: Lowest penetration value required shall not be less than 1100N
PL	(Non-metallic insert type PL) Penetration resistant outsole: Average penetration force shall not be lower than 1100 N and no single value must be lower than 950 N
PS	(Non-metal insert type PS) Penetration resistant outsole: Average penetration value shall not be less than 1100N
A	Anti-static: Electrical resistance between foot and ground of between 0.1 and 1000 Mega Ohms*
C	Partially conductive footwear. The electrical resistance shall not be greater than 0.1 Mega Ohms between foot and ground*
CI	Insulation against cold: 30 minutes at -17°C, the decrease shall not be more than 10°C
HI	Insulation against heat: 30 minutes at 150°C, the rise shall not be higher than 22°C
E	Energy absorption of the seat region: Energy absorbed to be not less than 20J
WPA	Water penetration and absorption (water resistant and breathable)
AN	Ankle protection: 10N impact means transferred force shall not exceed 10KN and no single value shall exceed 15KN
WR	Water resistant footwear (waterproof membrane)
CR	Cut resistant upper: Cut resistance to exceed 2.5 on the index
M	Metatarsal protection 100J impact energy
SR	SR slip resistance test features glycerine on ceramic tile surface. Replaces SRA SRB SRC.
Ø	No test given – for footwear featuring spikes or studs on sole.

ADAPT TO YOUR JOBSITE

The new MILWAUKEE® BOLT Helmets and Bolt Accessories allow each user to tailor their Head protection to best meet the demands of the jobsite.

BOLT™ 100

INDUSTRIAL HARD HAT

COLOURS AVAILABLE



ABS SHELL
LIGHTWEIGHT

ELECTRICALLY INSULATED
For use on low voltage installations EN50365.

PREMIUM RATCHET

BOLT™ 200

WORKING AT HEIGHT HELMET

LEXAN SHELL
SUPERIOR IMPACT RESISTANCE

INNER FOAM TECHNOLOGY
Foam progressively stiffens when impacted: distributes pressure evenly across entire head when impacts, independent of impact location.

ADJUSTABLE CHIN STRAP



COLOURS AVAILABLE

BOLT ACCESSORIES

ATTACHMENTS

MULTI ACCESSORIES COMPATIBILITY

Across BOLT 100 and BOLT 200 products



BOLT™ Visor
Universal Tinted
4932479942
Universal Clear
4932479941



BOLT™ Mesh Face Shield Universal
4932479940



BOLT™ Face Shield
Universal Clear
4932479939
Universal Tinted
4932479938



BOLT™ Contractor Face Shield
4932498237



BOLT™ Sunshade Yellow
4932492101



BOLT™ Headlamp
4933479902



BOLT™ LP Earmuffs
4932478878



BOLT™ HP Earmuffs
4932478877

VENTED

ITEM NO.	DESCRIPTION
4932478122	BOLT 100 White Vented
4932478913	BOLT 100 Yellow Vented
4932478916	BOLT 100 Red Vented
4932478917	BOLT 100 Black Vented
4932478914	BOLT 100 Blue Vented
4932478915	BOLT 100 Green Vented
4932480663	BOLT 100 Orange Vented
4932480664	BOLT 100 Hi Vis Vented*

UNVENTED

ITEM NO.	DESCRIPTION
4932479246	BOLT 100 White Unvented
4932479247	BOLT 100 Yellow Unvented
4932479250	BOLT 100 Red Unvented
4932479251	BOLT 100 Black Unvented
4932479248	BOLT 100 Blue Unvented
4932479249	BOLT 100 Green Unvented
4932480665	BOLT 100 Orange Unvented
4932480666	BOLT 100 Hi Vis Unvented*

VENTED

ITEM NO.	DESCRIPTION
4932478141	BOLT 200 White Vented
4932478918	BOLT 200 Yellow Vented
4932478919	BOLT 200 Red Vented
4932478920	BOLT 200 Black Vented
4932480651	BOLT 200 Blue Vented
4932480652	BOLT 200 Green Vented
4932480653	BOLT 200 Orange Vented
4932480654	BOLT 200 Hi Vis Vented*

UNVENTED

ITEM NO.	DESCRIPTION
4932479252	BOLT 200 White Unvented
4932479253	BOLT 200 Yellow Unvented
4932479254	BOLT 200 Red Unvented
4932479255	BOLT 200 Black Unvented
4932480655	BOLT 200 Blue Unvented
4932480656	BOLT 200 Green Unvented
4932480657	BOLT 200 Orange Unvented
4932480658	BOLT 200 Hi Vis Unvented*

BOLT™ CUSTOMISATION



CUSTOMISE YOUR BOLT™ 200 HELMET

CUSTOMISE YOUR BOLT™ 100 HARD HAT

PRINT CAPABILITIES

- 4 printing zones
- Digital / laser printing
- Text printing
- No colour limitation for logos or images

ORDER INFORMATION

- MOQ: BOLT™ 100= 25pc / BOLT™ 200= 24pc
- Delivery time: 2-3 weeks after order confirmation
- Request more information from local MILWAUKEE® sales representative

INTERACTIVE
Real-time design

BOLT™

ADD YOUR LOGO
Most file types accepted

1. Upload the logos to the online visualiser and view your customised helmet in 3D.
2. Contact your MILWAUKEE® sales representative to confirm the order through the online Order Portal with the corresponding MILWAUKEE® Dealer.
3. Sign the proofing document provided via the online Order Portal.
4. Follow up on the status via the online Order Portal with your dealer.



FRONT



BACK

SAFETY HELMET / HARD HAT LOGO PALCEMENT



LEFT



RIGHT

BOLT™ 100

- BOLT™ system – ensure compatibility among a large range of accessories with an easy and intuitive attachment system.
- Extremely comfortable and easy to adjust wheel ratchet adjustment system.
- Shell made of ABS for light weight.
- 6 points suspension for more comfort.
- Changeable and comfortable sweatband.
- Size: 52 - 68 cm.
- 8 colours available with glossy finish: white, yellow, orange, red, black, green, blue and high visibility yellow.
- Certified as per EN 397:2012 with optional requirement for Multi Metal, extreme temperatures -30°C, Lateral Deformation, and Electrical insulation 440 V a.c. (electrical insulation 440V under EN397 just on the unvented version).
- Certified as per EN 50365:2002 Electrical class 0 for installations with nominal voltage up to 1000V A.C. and 1500V D.C. in vented and unvented version.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™100 White Vented - 1pc	1	1	**4932478122**	4058546340551
BOLT™100 Yellow Vented - 1pc	1	1	**4932478913**	4058546361952
BOLT™ 100 Blue Vented - 1pc	1	1	**4932478914**	4058546361969
BOLT™ 100 Green Vented - 1pc	1	1	**4932478915**	4058546361976
BOLT™ 100 Red Vented - 1pc	1	1	**4932478916**	4058546361983
BOLT™ 100 Black Vented - 1pc	1	1	**4932478917**	4058546361990
BOLT™ 100 Black Vented - 1pc	1	1	**4932480663**	4058546409487
BOLT™ 100 Hi-Vis Yellow Vented - 1pc	1	1	**4932480664**	4058546409494

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™ 100 White Unvented - 1pc	1	1	**4932479246**	4058546370404
BOLT™ 100 Yellow Unvented - 1pc	1	1	**4932479247**	4058546370411
BOLT™ 100 Blue Unvented - 1pc	1	1	**4932479248**	4058546370428
BOLT™ 100 Green Unvented - 1pc	1	1	**4932479249**	4058546370435
BOLT™ 100 Red Unvented - 1pc	1	1	**4932479250**	4058546370442
BOLT™ 100 Black Unvented - 1pc	1	1	**4932479251**	4058546370459
BOLT™ 100 Orange Unvented - 1pc	1	1	**4932480665**	4058546409500
BOLT™ 100 Hi-Vis Yellow Unvented - 1pc	1	1	**4932480666**	4058546409517

BOLT™ headlamp 600 lumens USB rechargeable

- 600 lumens of multi-directional TRUEVIEW™ high definition light output
- Full BOLT™ compatibility with a low profile design that works with all BOLT™ helmets, visors and face shields
- Mount connects to BOLT™ helmet without straps
- 70° pivoting light head to help users direct light where it is needed most
- 4 modes to manage output or run time with up to 32 hours of run time on (1) USB 3.0 Ah battery
- Fuel gauge allows fast checking of REDLITHIUM™ USB battery charge
- Conveniently charge REDLITHIUM™ USB battery internally with micro-USB Type C cable from USB power source or AC outlet (wall plug not included)
- IP54 rating, light is protected from dust and falling water
- Jobsite tough micro-USB braided cable with metal ends
- Includes USB cable



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
USB rechargeable BOLT headlamp 600 lumens	1	1	**4933479902**	4058546376963

BOLT™ 200

- Shell made of Lexan™ - ultra resistant to impacts.
- BOLT™ system – ensure compatibility among a large range of accessories with an easy and intuitive attachment system.
- Extremely comfortable and easy to adjust wheel ratchet adjustment system.
- Foam suspension provides consistent impact performance independent of impact location.
- Comfortable inner foam suspension paired with a crown liner for extra comfort.
- Breathable, washable and replaceable premium sweatband.
- Breathable, washable and replaceable premium crown liner.
- Vented version delivered with a mounted EN 12492 certified chinstrap (colour coded red).
- Unvented version delivered with a mounted EN 397 certified chinstrap (colour coded grey).
- Certified as per EN 397:2012 with optional requirement for Extreme temperatures – 40°C (vented and unvented version), Lateral Deformation (vented and unvented version) and Electrical insulation 440 V a.c. (unvented version).
- Vented version certified as per EN 12492:2012. Unvented version provides protection in conformity of EN12492: 2012 except clause 4.1.4.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™200 White Vented - 1pc	1	1	**4932478141**	4058546340742
BOLT™200 Yellow Vented - 1pc	1	1	**4932478918**	4058546362003
BOLT™200 Red Vented - 1pc	1	1	**4932478919**	4058546362010
BOLT™200 Black Vented - 1pc	1	1	**4932478920**	4058546362027
BOLT™200 Blue Vented - 1pc	1	1	**4932480651**	4058546409364
BOLT™200 Green Vented - 1pc	1	1	**4932480652**	4058546409371
BOLT™200 Orange Vented - 1pc	1	1	**4932480653**	4058546409388
BOLT™200 Hi-Vis Vented - 1pc	1	1	**4932480654**	4058546409395

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™200 White Unvented - 1pc	1	1	**4932479252**	4058546370466
BOLT™200 Yellow Unvented - 1pc	1	1	**4932479253**	4058546370473
BOLT™200 Red Unvented - 1pc	1	1	**4932479254**	4058546370480
BOLT™200 Black Unvented - 1pc	1	1	**4932479255**	4058546370497
BOLT™200 Blue Unvented - 1pc	1	1	**4932480655**	4058546409401
BOLT™200 Green Unvented - 1pc	1	1	**4932480656**	4058546409418
BOLT™200 Orange Unvented - 1pc	1	1	**4932480657**	4058546409425
BOLT™200 Hi-Vis Yellow Unvented - 1pc	1	1	**4932480658**	4058546409432

BOLT™ Earmuff

- BOLT™ LP Earmuff provides an efficient job site noise attenuation SNR = 30 dB.
- BOLT™ HP Earmuffs provides an efficient job site noise attenuation SNR = 33 dB.
- BOLT™ system – ensure compatibility between the accessorize with an easy and intuitive attachment system.
- Vertical adjustment and 360 degrees cup rotation for users' maximum comfort and attenuation.
- Extra comfortable foam in the earmuff's cushions for maximum comfort and protection.
- Compatible with Milwaukee BOLT™ 100 and BOLT™ 200 helmets in the rear and middle slot.
- European Certified hearing protectors: EN 352-3.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™ HP Ear Muffs	1	1	**4932478877**	4058546361594
BOLT™ LP Ear Muffs	1	1	**4932478878**	4058546361600

BOLT™ Low-Profile Headlamp Mount

- Our BOLT™ Low-Profile Headlamp Mount allows headlamp compatibility with BOLT™ eye visors and select BOLT™ full face shields.
- The mount is reversible and secures into the Front or Rear BOLT™ Mount of your MILWAUKEE© head protection for added convenience.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™ Low-Profile Headlamp Mount	1	1	**4932493350**	4058546482213

BOLT™ Face Shield

- Full face shield with panoramic field of vision.
- BOLT™ system – ensure compatibility among a large range of accessories with an easy and intuitive attachment system.
- Compatible with the BOLT™ Lamp: possibility to lift the face shield even with the lamp installed.
- Extremely easy and intuitive installation and removal.
- Lens made of polycarbonate.







Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① BOLT™ Face Shield Compact Clear	1	1	**4932479943**	4058546377373
② BOLT™ Face Shield Compact Grey	1	1	**4932479944**	4058546377380
③ BOLT™ Mesh Face Shield Compact	1	1	**4932479945**	4058546377397
BOLT™ Face Shield Universal Clear	1	1	**4932479938**	4058546377328
BOLT™ Face Shield Universal Grey	1	1	**4932479939**	4058546377335
BOLT™ Mesh Face Shield Universal	1	1	**4932479940**	4058546377342
BOLT™ Face Shield Compact Clear Replacement (5 pc)	5	1	**4932492327**	4058546416942
BOLT™ Face Shield Compact Grey Replacement (5 pc)	5	1	**4932492328**	4058546416959
BOLT™ Face Shield Compact Carrier Replacement	1	1	**4932492329**	4058546416966
BOLT™ Face Shield Universal Clear Replacement	5	1	**4932492324**	4058546416911
BOLT™ Face Shield Universal Grey Replacement	5	1	**4932492325**	4058546416928
BOLT™ Face Shield Universal Carrier Replacement	1	1	**4932492326**	4058546416935

BOLT™ Contractor Face Shield

NEW

- Full face shield with panoramic field of vision.
- BOLT™ system – ensure compatibility among a large range of accessories with an easy and intuitive attachment system.
- Compatible with the BOLT™ Lamp: possibility to lift the face shield even with the lamp installed.
- Extremely easy and intuitive installation and removal.
- Compact lens colours: Clear, Grey. Replacement lenses and carrier available.







Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① BOLT™ Contractor Face Shield KIT	1	1	**4932498237**	4058546521066
② BOLT™ Contractor Face Shield Replacement Lens CLEAR	10	10	**4932498239**	4058546521080
③ BOLT™ Contractor Face Shield FRAME	1	1	**4932498238**	4058546521073
④ BOLT™ W5 Contractor Face Shield replacement lens for gas welding	1	1	**4932498989**	4058546528584

BOLT™ Visor

- Visor with panoramic field of vision.
- BOLT™ system – ensure compatibility among a large range of accessories with an easy and intuitive attachment system.
- Compatible with the BOLT™ Lamp: possibility to lift the visor even with the lamp installed.
- Extremely easy and intuitive installation and removal.

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	BOLT™ Visor Compact Clear	1	1	**4932479946**	4058546377403
②	BOLT™ Visor Compact Tinted	1	1	**4932479947**	4058546377410
	BOLT™ Visor Universal Clear	1	1	**4932479941**	4058546377359
	BOLT™ Visor Universal Tinted	1	1	**4932479942**	4058546377366
	BOLT™ Visor Clear Lens Replacement (5 pc)	5	1	**4932492330**	4058546416973
	BOLT™ Visor Tinted Lens Replacement (5pc)	5	1	**4932492331**	4058546416980
	BOLT™ Visor Compact Carrier Replacement	1	1	**4932492333**	4058546417000
	BOLT™ Visor Universal Carrier Replacement	1	1	**4932492332**	4058546416997

① 

② 

BOLT™ Badge Holder

- BOLT Badge holder allows everyday identification on the job site. Business card or ID size of 85 mm x 54 mm.
- Compatible with MILWAUKEE® BOLT™ 100 and BOLT™ 200 helmets in the front and back slot.
- Compatible with BOLT™ visors, face shield, earmuffs, sunshade.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™ Badge Holder -1pc	1	1	**4932493510**	4058546483814

BOLT™ Cooling Accessories

- Long lasting cooling effect up to 4 hours, prolonging productive work hours and mitigating heat related illnesses.
- Soak or run product under water and wring out excess water to activate cooling effect.
- Quick, 30 second activation time.
- When cooling effect expires, simply re-apply water to reactivate the cooling effect.
- Soft, Comfortable Padding.
- Attaches to Suspension with Hook and Loop.
- Machine washable.

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	BOLT™ 200 Cooling Sweatband	1	1	**4932498078**	4058546512385
②	BOLT™ 200 Cooling Crown Liner	1	1	**4932498079**	4058546512392
③	BOLT™ 100 Cooling Sweatband	1	1	**4932498544**	4058546524135

① 

② 

③ 

BOLT™ IMPACT ARMOR™ Crown Liner BOLT™200

- Advanced slip, trip & fall protection for MILWAUKEE® BOLT™200 helmet.
- BOLT™ IMPACT ARMOR™ liner reduces the risk of Traumatic Brain Injuries (TBI), as it protects from linear and rotational forces.
- Made of an advance energy absorbent super polymer utilizing RHEON™ Technology.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
BOLT™ IMPACT ARMOR™ Crown Liner BOLT™200	1	1	**4932499173**	4058546563370

BOLT™200 Spare Parts

- Padded breathable Crown liner and Sweatband as spare parts, that can be easily removed, machine washed (30°C), and changed.
- Two chin straps that can be easy exchange and replace to adapt to the job conditions. EN397 certified chin strap for on the ground work is colour coded in Black & Grey. EN12492 certified chin strap for work at height is colour coded in Black & Red.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Replacement Sweatband BOLT™200 - Pack of 10	10	1	**4932480659**	4058546409449
Replacement Crown liner BOLT™200 - Pack of 10	10	1	**4932480660**	4058546409456
4pts EN397 chinstrap BOLT™ - 1pc	1	1	**4932480661**	4058546409463
4pts EN12492 chinstrap BOLT™200 - 1pc	1	1	**4932480662**	4058546409470
Sweatband Replacement BOLT 100	1	1	**4932480667**	4058546409524

Premium safety glasses with gasket



INCLUDES A SOFT CASE

	Lens colour	Packaging style	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Clear	Blister packaging	1	1	**4932471885**	4058546297848
②	Polarised	Blister packaging	1	1	**4932471886**	4058546297855

Performance safety glasses



- Comfortable and flexible arms for extended comfort wear.
- Clear and tinted options offer eye protection whether working indoors or outdoors.
- European Certified: EN166 and EN170 / EN172.

	Lens colour	Packaging style	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Clear	Blister packaging	1	1	**4932471883**	4058546297824
		Bulk Pack (48pcs)	48	1	**4932479027**	4058546363178
②	Tinted	Blister packaging	1	1	**4932471884**	4058546297831
		Bulk Pack (48pcs)	48	1	**4932479028**	4058546363185
③	Grey	Blister packaging	1	1	**4932478908**	4058546361907
		Bulk Pack (48pcs)	48	1	**4932479029**	4058546363192
④	Yellow	Blister packaging	1	1	**4932478928**	4058546362102
⑤	Photochromic	Gift box	1	1	**4932498367**	4058546522360
⑥	Mirrored Silver	Gift box	1	1	**4932498366**	4058546522353

Safety glasses



- Light weight for extended comfort while wearing.
- Fully adjustable and removable nose bridge to fit comfortably all face shapes.
- Comfortable and flexible arms for extended comfort wear.
- Clear and tinted options offer eye protection whether working indoors or outdoors.
- European Certified: EN166 and EN170 / EN172.

	Lens colour	Packaging style	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Clear	Polybag	1	12	**4932471881**	4058546297800
②	Tinted	Polybag	1	12	**4932471882**	4058546297817

Hard Case For Safety Glasses



- Hard case to protect the safety glasses of job site conditions.
- Soft terry liner inside to avoid scratches on the lenses.
- Include hook for easy portability on the job site.
- Compatible with Milwaukee safety glasses: Enhanced Safety Glasses, Magnified Safety Glasses, Performance Safety Glasses, Premium Safety Glasses with Gasket.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Hard Case Safety Glasses	1	1	**4932492083**	4058546414504

Enhanced safety glasses



- Light weight for extended comfort while wearing.
- Comfortable and flexible arms for extended comfort wear.
- Clear, yellow and tinted/mirrored options offer eye protection whether working indoors or outdoors.
- European Certified: EN166 and EN170 / EN172.





	Lens colour	Packaging style	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Clear	Polybag	1	1	**4932478763**	4058546360450
		Bulk Pack (144pcs)	144	1	**4932479024**	4058546363147
②	Tinted	Polybag	1	1	**4932478764**	4058546360467
		Bulk Pack (144pcs)	144	1	**4932479025**	4058546363154
③	Grey	Polybag	1	1	**4932478907**	4058546361891
		Bulk Pack (144pcs)	144	1	**4932479026**	4058546363161
④	Yellow	Polybag	1	1	**4932478927**	4058546362096
⑤	Mirrored Red	Gift box	1	1	**4932498548**	4058546524173
⑥	Mirrored Silver	Gift box	1	1	**4932498365**	4058546522346

Magnified safety glasses







- Magnified lenses - Offer users an optical correction to improve their eyesight for close application.
- 4 magnifying intensity: +1 / +1.5 / +2 / +2.5
- Light weight for extended comfort while wearing.
- Durable anti-scratch lenses.
- Comfortable and flexible arms for extended comfort wear.
- European Certified: EN166.

Description	Pack quantity	Min. order quantity	Article number	EAN Code
Clear Safety Glasses (+1)	1	1	**4932478909**	4058546361914
Clear Safety Glasses (+1.5)	1	1	**4932478910**	4058546361921
Clear Safety Glasses (+2)	1	1	**4932478911**	4058546361938
Clear Safety Glasses (+2.5)	1	1	**4932478912**	4058546361945

High-Profile Goggles Non-Vented

- Durable anti-scratch lenses
- Long lasting anti-fog lenses
- Enhanced impact protection
- Protection against splashes and liquids
- Non-vented, for work with gases and vapors
- European Certified: EN166 and EN170 / EN172



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① High-Profile Goggles Non-Vented Grey	1	1	**4932493438**	4058546483098
② High-Profile Goggles Non-Vented Clear	1	1	**4932493437**	4058546483081

High-Profile Goggles Vented

- Durable anti-scratch lenses
- Long lasting anti-fog lenses
- Enhanced impact protection
- Protection against splashes and liquids
- Indirect ventilation
- European Certified: EN166 and EN170 / EN172



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① High-Profile Goggles Vented Clear	1	1	**4932493435**	4058546483067
② High-Profile Goggles Vented Tinted	1	1	**4932493436**	4058546483074

Low-Profile Goggles Vented

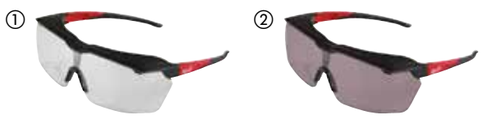
- Durable anti-scratch lenses
- Long lasting anti-fog lenses
- Enhanced impact protection
- Protection against splashes and liquids
- Indirect ventilation
- Compact for narrow space
- European Certified: EN166 and EN170 / EN172



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Low-Profile Goggles Vented Clear	1	1	**4932493433**	4058546483043
② Low-Profile Goggles Vented Tinted	1	1	**4932493434**	4058546483050

Over The Glasses

- Durable anti-scratch lenses
- Long lasting anti-fog lenses
- Comfortable and flexible arms for extended comfort wear
- Fits for wearing over the most popular prescription glasses frames
- Wraparound frame
- European Certified: EN166, EN170 and EN172



Description	Lens colour	Pack quantity	Min. order quantity	Article Number	EAN Code
① Over The Glasses Clear	Clear	1	1	**4932493439**	4058546483104
② Over The Glasses Tinted	Tinted	1	1	**4932493440**	4058546483111

USB RECHARGEABLE HEARING ASSIST EARPLUGS W/BLUETOOTH®

- Jobsite awareness provides controllable situational awareness, while reducing the intensity of loud external noises
- Digital Bluetooth® 5.1 connects devices and allows listening to music/ podcast/ audio books/ media and accept/ talk on/ decline phone calls
- European Certified hearing protectors: EN 352-2:2020 (SNR silicone ear plugs = 26 dB; SNR Foam ear plugs = 32 dB); EN 352-7:2020; EN 352-9:2020; and EN 352-10:2020)
- Designed for on-the-job use, passive hearing protection is provided by silicone and foam ear tips
- Interchangeable foam ear tips and silicone ear tips as well as wings included
- Small enough to not interfere with any PPE or hoods & hats
- Light enough to minimise in-ear fatigue and to sit flush in-ear
- Up to 10 hours of run time on a single charge
- The REDLITHIUM™ USB case battery provides up to 70 hours of run time using multiple in-case charges
- A state of charge light feature allows end user to be informed of low battery status
- Built to endure: IP67-rated earplugs and an IP64-rated charging case protect against dust, water, and toughest jobsite conditions.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
USB RECHARGEABLE HEARING ASSIST EARPLUGS W/BLUETOOTH	1	1	**4933478750**	4058546360320

Memory foam ear tip replacement

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
5 pairs memory foam ear tip L replacement	1	1	**4932493359**	4058546482305
5 pairs memory foam ear tip M replacement	1	1	**4932493360**	4058546482312
5 pairs memory foam ear tip S replacement	1	1	**4932493361**	4058546482329

Ear Tip Double Layer Replacement

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Ear tip silicone S replacement	1	1	**4932493364**	4058546482350
Ear tip silicone M replacement	1	1	**4932493363**	4058546482343
Ear tip silicone L replacement	1	1	**4932493362**	4058546482336



Foam ear plugs

- Efficient jobsite noise attenuation of SNR = 38 dB.
- Comfortable foam - to wear all day.
- Quick expansion to ensure a rapid and secure seal.
- Individually packed pairs (200 pairs), resealable packaging (10 pairs) for hygienic and easy distribution.
- European Certified hearing protectors: EN352-2 (SNR = 38 dB; H = 37; M = 36 dB; L = 32 dB).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Foam Ear Plugs - 10 pairs	1	1	**4932480464**	4058546407490
Foam Ear Plugs - 200 pairs	200	1	**4932480465**	4058546407506

Banded ear plugs

- 3-point wear: above head, below chin and behind the neck.
- Pivoting arms to adjust and pivot the band to a secure and comfortable position while being worn.
- Earplugs can be worn continuously even if the wearing position is changed – permanent protection.
- Interchangeable foam earplugs and tpr flanged earplugs included.
- Durable and comfortable band for a long lifetime.
- European Certified hearing protectors: EN 352-2 (SNR TPR ear plugs = 32 dB; SNR Foam ear plugs = 33 dB).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Banded Ear Plugs	1	1	**4932478135**	4058546340681
② Foam Replacement - 5 pairs	5	1	**4932478550**	4058546347437
③ TPR Replacement - 5 pairs	5	1	**4932478549**	4058546347420

Reusable corded ear plugs

- Efficient jobsite noise attenuation of SNR = 31 dB.
- Corded solution for easy access - can be worn around the neck.
- Comfortable silicone - all day comfort.
- Quick-fit design to quickly insert and remove while achieving a secure seal.
- Storage box included - keep the ear plugs clean.
- European Certified hearing protectors: EN352-2 (SNR = 31 dB).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Reusable corded ear plugs	3	1	**4932471904**	4058546298036

PACKOUT™ First Aid Kit DIN 13157

- Quickly identifiable during an emergency due to red coloured PACKOUT™ Compact Organiser.
- Part of the PACKOUT™modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- IP65 rated weather seal to keep out rain and jobsite debris.
- The interior features 5 removable & mountable bins.
- No-travel bins seals to prevent the bins contents from migrating between bins during transport.
- DIN 13157:2021-11 compliant first aid kit.



DESIGNED FOR USE IN PACKOUT™



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™First Aid Kit DIN 13157	1	1	**4932478879**	4058546361617
PACKOUT™ First Aid Kit XL DIN 13157	1	1	**4932492962**	4058546478339

Premium high-visibility vest

- 15 pockets - increased carrying capacity.
- 1 clear ID badge holder - easy identification on the jobsite.
- 1 back pocket - ideal to carry tablet or notebook.
- Quick internal size adjustment - size up or size down for better fit.
- Padded collar - added comfort for extended wear.
- Harness tethering hole - ideal to fit over harness to add more safety on the jobsite.
- European Certified as Class 2 High Visibility Clothing according to EN ISO 20471: 2013/A1:2016.



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
Premium high-visibility vest yellow - S/M	Yellow	1	1	**4932471895**	4058546297947
Premium high-visibility vest yellow - L/XL	Yellow	1	1	**4932471896**	4058546297954
Premium high-visibility vest yellow - 2XL/3XL	Yellow	1	1	**4932471897**	4058546297961
Premium high-visibility vest orange - S/M	Orange	1	1	**4932471898**	4058546297978
Premium high-visibility vest orange - L/XL	Orange	1	1	**4932471899**	4058546297985
Premium high-visibility vest orange - 2XL/3XL	Orange	1	1	**4932471900**	4058546297992

High-visibility vest

- 10 pockets - increased carrying capacity.
- 1 clear ID badge holder - easy identification on the jobsite.
- Quick internal size adjustment - size up or size down for better fit.
- Harness tethering hole - ideal to fit over harness to add more safety on the jobsite.
- European Certified as Class 2 High Visibility Clothing according to EN ISO 20471: 2013/A1:2016.



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
High-visibility vest yellow - S/M	Yellow	1	1	**4932471889**	4058546297886
High-visibility vest yellow - L/XL	Yellow	1	1	**4932471890**	4058546297893
High-visibility vest yellow - 2XL/3XL	Yellow	1	1	**4932471891**	4058546297909
High-visibility vest orange - S/M	Orange	1	1	**4932471892**	4058546297916
High-visibility vest orange - L/XL	Orange	1	1	**4932471893**	4058546297923
High-visibility vest orange - 2XL/3XL	Orange	1	1	**4932471894**	4058546297930

Contractor High-Visibility Vest

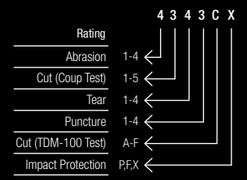
- 1 clear ID badge holder for easy identification on the jobsite.
- Mic tab for convenient radio access.
- 1 Internal pocket for storage of papers, pens, etc.
- Hanger loop to easily hang up your vest after use.
- Durable zipper for open/closure.
- Machine washable.
- European Certified as Class 2 High Visibility Clothing according to EN ISO 20471: 2013/A1:2016.



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
Contractor High-Visibility Vest Yellow S/M	Hi-vis yellow	1	1	**4932493994**	4058546511548
Contractor High-Visibility Vest Yellow L/XL	Hi-vis yellow	1	1	**4932493995**	4058546511555
Contractor High-Visibility Vest Yellow 2XL/3XL	Hi-vis yellow	1	1	**4932493996**	4058546511562
Contractor High-Visibility Vest Yellow 4XL/5XL	Hi-vis yellow	1	1	**4932493997**	4058546511579
Contractor High-Visibility Vest Orange S/M	Hi-vis orange	1	1	**4932493998**	4058546511586
Contractor High-Visibility Vest Orange L/XL	Hi-vis orange	1	1	**4932493999**	4058546511593
Contractor High-Visibility Vest Orange 2XL/3XL	Hi-vis orange	1	1	**4932498000**	4058546511609
Contractor High-Visibility Vest Orange 4XL/5XL	Hi-vis orange	1	1	**4932498001**	4058546511616



MILWAUKEE® GLOVES GUIDE





CUT RESISTANT GLOVES

PROTECTIVE SLEEVES

HI-VIS CUT RESISTANT GLOVES

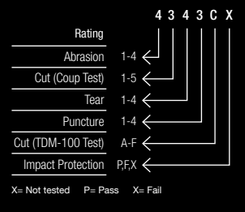
HI-DEX CUT RESISTANT GLOVES



	CUT LEVEL A	CUT LEVEL B	CUT LEVEL C	CUT LEVEL D	CUT LEVEL E	CUT LEVEL F	CUT LEVEL C	CUT LEVEL E	HI-VIS CUT LEVEL A	HI-VIS CUT LEVEL B	HI-VIS CUT LEVEL C	HI-VIS CUT LEVEL D	HI-VIS CUT LEVEL E	HI-DEX CUT LEVEL B	HI-DEX CUT LEVEL C	HI-DEX CUT LEVEL D
FEATURES																
EN 388 RATING	4121A	4242B	4343C	4X43D	4X44E	4X43F	2342C	3X42E	3121A	3242B	4X42C	4X43D	4X43E	4242B	4342C	4X42D
COLOUR CODE																
GAUGE	13	15	15	13	13	18	15	13	15	15	15	13	13	18	18	18
COATING	Nitrile - Sandy	Nitrile - Sandy	Nitrile - Microfoam	Nitrile - Sandy	Nitrile - Sandy	Nitrile - Sandy	-	-	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)
ENVIRONMENT	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	-	-	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)
APPLICATIONS																
AUTOMOTIVE/ TRANSPORTATION	✓	✓	✓	–	–	–	✓	–	✓	✓	✓	✓	✓	✓	✓	✓
CARPENTRY	✓	✓	–	–	–	–	✓	–	✓	✓	–	–	–	✓	✓	–
CIVIL ENGINEERING	✓	✓	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CONSTRUCTION	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DEMOLITION	–	–	✓	✓	✓	–	✓	✓	–	–	–	–	–	–	–	–
DRYWALL, CEILING AND PARTIONING	–	✓	✓	✓	–	–	✓	✓	–	✓	✓	✓	–	✓	✓	✓
LANDSCAPING AND HORTICULTURAL	✓	✓	–	–	–	–	✓	–	–	–	–	–	–	–	–	–
MAINTENANCE, REPAIR AND OPERATIONS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MANUFACTURING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ASSEMBLE	✓	✓	–	–	–	–	✓	–	✓	✓	–	–	–	✓	✓	✓
METALWORKING AND ENGINEERING	–	–	✓	✓	✓	✓	✓	✓	–	–	✓	✓	✓	–	✓	✓
HVAC	–	–	✓	✓	✓	✓	–	✓	–	–	✓	✓	✓	–	✓	✓
PLUMBING	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–
UTILITIES	✓	✓	✓	–	–	–	✓	–	✓	✓	✓	–	–	✓	✓	✓
OIL & GAS	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–

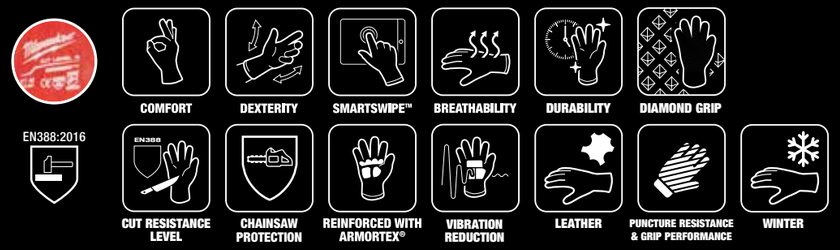


MILWAUKEE® GLOVES GUIDE



X= Not tested P= Pass X= Fail

FEATURES KEY



#MILWAUKEETOOL

milwaukeetool.eu

WINTER CUT RESISTANT GLOVES

WORK GLOVES

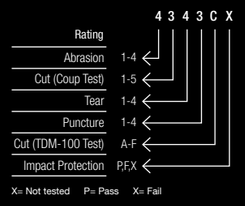
GLOVE TYPES



	CUT LEVEL A	CUT LEVEL B	CUT LEVEL C	CUT LEVEL D	CUT LEVEL E	DEMOX	PERFORMANCE WORK GLOVES	FLEX WORK GLOVES	PAD PRO WORK GLOVES	HYBRID LEATHER	LEATHER	CHAIN SAW
FEATURES												
EN 388 RATING	EN388: 1141A EN511: 01X	EN388: 2242B EN511: X1X	EN388: 2442C EN511: 02X	EN388: 3X43D EN511: X1X	EN 388: 3X43E EN 511: X1X	EN388: 2121A	EN388: 2121A	EN388: 2121A	EN388: 2121A, EN 407: X1XXXX	2122X	2122X	N ISO 11393: class 1, Design A, Typ 1 EN388: 2122A
COLOUR CODE						-	-	-	-	-	-	-
GAUGE	15,10	15,10	15,7	15,10	13,10					-	-	
COATING	Latex	Latex	Latex	Latex	Latex					-	-	
ENVIRONMENT	Cold, damp, dry (WASHABLE)	Cold, damp, dry (WASHABLE)	Cold, damp, dry (WASHABLE)	Cold, damp, dry (WASHABLE)	Cold, damp, dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	Dry (WASHABLE)	-	-	Dry, damp
APPLICATIONS												
AUTOMOTIVE/ TRANSPORTATION	✓	–	–	–	–	–	–	–	–	–	–	–
CARPENTRY	✓	✓	–	–	–	✓	✓	✓	–	✓	✓	–
CIVIL ENGINEERING	–	–	–	–	–	✓	✓	✓	✓	–	–	–
CONSTRUCTION	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	–
DEMOLITION	–	–	✓	✓	✓	✓	–	–	✓	–	–	–
DRYWALL, CEILING AND PARTIONING	–	✓	✓	✓	–	✓	–	–	–	–	–	–
LANDSCAPING AND HORTICULTURAL	✓	✓	–	–	–	–	–	–	–	✓	✓	✓
MAINTENANCE, REPAIR AND OPERATIONS	–	–	–	–	–	–	✓	–	✓	–	–	–
MANUFACTURING	✓	✓	–	–	–	–	–	✓	✓	–	–	–
ASSEMBLE	–	–	–	–	–	–	✓	✓	–	–	–	–
METALWORKING AND ENGINEERING	–	–	–	✓	✓	–	–	–	–	–	–	–
HVAC	–	–	✓	✓	✓	–	–	–	–	–	–	–
PLUMBING	✓	✓	–	–	–	–	–	–	–	–	–	–
UTILITIES	✓	✓	–	–	–	✓	–	–	–	✓	✓	–
OIL & GAS	✓	✓	✓	✓	✓	–	–	–	–	–	–	–



MILWAUKEE® GLOVES GUIDE



FEATURES KEY

EN388:2016



GLOVE TYPES

CHEMICAL GLOVES



CUT RESISTANT GLOVES



IMPACT GLOVES



	CHEMICAL	NITRILE DISPOSABLE GLOVES	FULLY DIPPED	GENERAL GLOVES	WINTER DEMOLITION	IMPACT PRO C	IMPACT PRO E	PAD PRO CUT D	IMPACT DEMO X
FEATURES									
EN RATING	EN ISO 374- 1:2016 Type A/ JKLM-NO, EN388: 4121A, EN 407: X1XXX, Food contact approved	EN ISO 374- 1:2016 Type B / KPT	EN388: 4221A, EN 407: X1XXX	EN388: 3121A	EN 388: 2122A EN 511: 14X	EN388: 4343CP, EN 407: X1XXX	EN388:2016 (4343EP), EN 407 (X1XXX)	EN388: 4X42D, EN 407: X1XXXX	2121AP
COLOUR CODE	-	-			-				-
GAUGE			15	13	-	15		18	-
COATING			Nitrile	Polyurethane (PU)	-	Nitrile - Sandy	Nitrile - Sandy		-
ENVIRONMENT	Damp, wet, chemicals	Damp, wet, oily chemicals	Damp, wet, oily (WASHABLE)	Dry	Cold, damp, dry (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry, damp, oily (WASHABLE)	Dry (WASHABLE)
APPLICATIONS									
AUTOMOTIVE/ TRANSPORTATION	✓	✓	✓	-	-	-	-	-	-
CARPENTRY	-	-	-	✓	✓	-	-	-	-
CIVIL ENGINEERING	✓	-	✓	✓	-	✓	✓	✓	-
CONSTRUCTION	-	-	✓	✓	✓	✓	✓	✓	✓
DEMOLITION	-	-	-	-	✓	✓	✓	✓	✓
DRYWALL, CEILING AND PARTIONING	-	-	-	-	-	✓	✓	-	-
LANDSCAPING AND HORTICULTURAL	✓	✓	✓	-	-	-	-	-	-
MAINTENANCE, REPAIR AND OPERATIONS	-	✓	✓	✓	-	-	-	✓	-
MANUFACTURING	-	✓	✓	✓	-	-	-	✓	-
ASSEMBLE	-	-	-	✓	-	-	-	-	-
METALWORKING AND ENGINEERING	-	✓	-	-	-	-	-	✓	-
HVAC	-	-	✓	-	✓	-	-	-	-
PLUMBING	✓	✓	✓	-	-	-	-	-	-
UTILITIES	✓	-	✓	-	✓	-	-	-	-
OIL & GAS	✓	-	✓	-	✓	-	-	-	✓

Cut resistant dipped gloves

Description	Colour code	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
① Cut A Gloves	White	7 / S	1	1	**4932479712**	4058546375065
		7 / S	12	1	**4932479713**	4058546375072
		8 / M	1	1	**4932471416**	4058546290443
		8 / M	12	1	**4932471614**	4058546295134
		9 / L	1	1	**4932471417**	4058546290450
		9 / L	12	1	**4932471615**	4058546295141
		10 / XL	1	1	**4932471418**	4058546290467
		10 / XL	12	1	**4932471616**	4058546295158
		11 / XXL	1	1	**4932471419**	4058546290474
		11 / XXL	12	1	**4932471617**	4058546295165
② Cut B Gloves	Blue	7 / S	1	1	**4932479906**	4058546377007
		8 / M	1	1	**4932479907**	4058546377014
		9 / L	1	1	**4932479908**	4058546377021
		10 / XL	1	1	**4932479909**	4058546377038
		11 / XXL	1	1	**4932479910**	4058546377045
③ Cut C Gloves	Black	7 / S	1	1	**4932479715**	4058546375096
		7 / S	12	1	**4932479716**	4058546375102
		8 / M	1	1	**4932471420**	4058546290481
		8 / M	12	1	**4932471618**	4058546295172
		9 / L	1	1	**4932471421**	4058546290498
		9 / L	12	1	**4932471619**	4058546295189
		10 / XL	1	1	**4932471422**	4058546290504
		10 / XL	12	1	**4932471620**	4058546295196
		11 / XXL	1	1	**4932471423**	4058546290511
		11 / XXL	12	1	**4932471621**	4058546295202
④ Cut D Gloves	Grey	7 / S	1	1	**4932479911**	4058546377052
		8 / M	1	1	**4932479912**	4058546377069
		9 / L	1	1	**4932479913**	4058546377076
		10 / XL	1	1	**4932479914**	4058546377083
		11 / XXL	1	1	**4932479915**	4058546377090
⑤ Cut E Gloves	Red	7 / S	1	1	**4932479718**	4058546375126
		7 / S	12	1	**4932479719**	4058546375133
		8 / M	1	1	**4932471424**	4058546290528
		8 / M	12	1	**4932471622**	4058546295219
		9 / L	1	1	**4932471425**	4058546290535
		9 / L	12	1	**4932471623**	4058546295226
		10 / XL	1	1	**4932471426**	4058546290542
		10 / XL	12	1	**4932471624**	4058546295233
		11 / XXL	1	1	**4932471427**	4058546290559
		11 / XXL	12	1	**4932471625**	4058546295240

① 

② 

③ 

④ 

⑤ 

Description	Colour code	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
⑥ High Cut F Gloves	Purple	7 / S	1	1	**4932492040**	4058546413521
		7 / S	12	1	**4932492045**	4058546413576
		8 / M	1	1	**4932492041**	4058546413538
		8 / M	12	1	**4932492046**	4058546413583
		9 / L	1	1	**4932492042**	4058546413545
		9 / L	12	1	**4932492047**	4058546413590
		10 / XL	1	1	**4932492043**	4058546413552
		10 / XL	12	1	**4932492048**	4058546413606
		11 / XXL	1	1	**4932492044**	4058546413569
		11 / XXL	12	1	**4932492049**	4058546413613
⑦ General Gloves	White	7 / S	12	1	**4932493238**	4058546481094
		8 / M	12	1	**4932493239**	4058546481100
		9 / L	12	1	**4932493240**	4058546481117
		10 / XL	12	1	**4932493241**	4058546481124
		11 / XXL	12	1	**4932493242**	4058546481131

⑥ 

⑦ 

Cut C Sleeves

- High stretch nylon material with 4-way stretch points to fit users' arms.
- Tapered design, wider on the bicep and tight on the wrist, to fit the natural arm form.
- Elastic band with non-slip dots on the bicep and stretch wrist cuff to keep the sleeves in place and prevent them from sagging.
- Breathable and lightweight material provides good dexterity and all-day comfort.
- Elastic thumb loop avoids pressure points when using gloves.
- Sun UV rays protection with UPF 50+ according to BS EN 13758-1:2002 +A1:2006 for the covered part of the arms.
- European Certified for cut protection: EN ISO 21420, EN388:2016 (2342C), UKCA.



Description	Niveau anti coupure	Colour code	Pack quantity	Min. order quantity	Article Number	EAN Code
Cut C Sleeves - 40cm	C	Black	1	1	**4932478584**	4058546347772
Cut C Sleeves - 45cm	C	Black	1	1	**4932478585**	4058546347789

Cut E Sleeves

- High stretch nylon material with 4-way stretch points to fit users' arms.
- Tapered design, wider on the bicep and tight on the wrist, to fit the natural arm form.
- Elastic band with non-slip dots on the bicep and stretch wrist cuff to keep the sleeves in place and prevent them from sagging.
- Breathable and lightweight material provides good dexterity and all-day comfort.
- Elastic thumb loop avoids pressure points when using gloves.
- Sun UV rays protection with UPF 50+ according to BS EN 13758-1:2002 +A1:2006 for the covered part of the arms.
- European Certified for cut protection: EN ISO 21420, EN388:2016 (3X42E), UKCA.



Description	Niveau anti coupure	Colour code	Pack quantity	Min. order quantity	Article Number	EAN Code
Cut E Sleeves - 40cm	E	Red	1	1	**4932479936**	4058546377304
Cut E Sleeves - 45cm	E	Red	1	1	**4932479937**	4058546377311

Winter cut resistant gloves

	Description	Colour code	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Winter Cut A Gloves	White	7 / S	1	1	**4932479704**	4058546374983
			7 / S	12	1	**4932479705**	4058546374990
			7 / S	72	1	**4932479706**	4058546375003
			8 / M	1	1	**4932471343**	4058546289713
			8 / M	12	1	**4932471606**	4058546295059
			8 / M	72	1	**4932479000**	4058546362904
			9 / L	1	1	**4932471344**	4058546289720
			9 / L	12	1	**4932471607**	4058546295066
			9 / L	72	1	**4932479001**	4058546362911
			10 / XL	1	1	**4932471345**	4058546289737
			10 / XL	12	1	**4932471608**	4058546295073
			10 / XL	72	1	**4932479002**	4058546362928
			11 / XXL	1	1	**4932471346**	4058546289744
			11 / XXL	12	1	**4932471609**	4058546295080
			11 / XXL	72	1	**4932479003**	4058546362935
②	Winter Cut B Gloves	Blue	7 / S	1	1	**4932480601**	4058546408862
			7 / S	12	1	**4932480606**	4058546408916
			8 / M	1	1	**4932480602**	4058546408879
			8 / M	12	1	**4932480607**	4058546408923
			9 / L	1	1	**4932480603**	4058546408886
			9 / L	12	1	**4932480608**	4058546408930
			10 / XL	1	1	**4932480604**	4058546408893
			10 / XL	12	1	**4932480609**	4058546408947
			11 / XXL	1	1	**4932480605**	4058546408909
			11 / XXL	12	1	**4932480610**	4058546408954
③	Winter Cut C Gloves	Black	7 / S	1	1	**4932479707**	4058546375010
			7 / S	12	1	**4932479708**	4058546375027
			7 / S	72	1	**4932479709**	4058546375034
			8 / M	1	1	**4932471347**	4058546289751
			8 / M	12	1	**4932471610**	4058546295097
			8 / M	72	1	**4932479004**	4058546362942
			9 / L	1	1	**4932471348**	4058546289768
			9 / L	12	1	**4932471611**	4058546295103
			9 / L	72	1	**4932479005**	4058546362959
			10 / XL	1	1	**4932471349**	4058546289775
			10 / XL	12	1	4932471612	4058546295110
			10 / XL	72	1	**4932479006**	4058546362966
			11 / XXL	1	1	**4932471350**	4058546289782
			11 / XXL	12	1	**4932471613**	4058546295127
			11 / XXL	72	1	**4932479007**	4058546362973
④	Winter Cut D Gloves	Grey	7 / S	1	1	**4932480611**	4058546408961
			7 / S	12	1	**4932480616**	4058546409012
			8 / M	1	1	**4932480612**	4058546408978
			8 / M	12	1	**4932480617**	4058546409029
			9 / L	1	1	**4932480613**	4058546408985
			9 / L	12	1	**4932480618**	4058546409036
			10 / XL	1	1	**4932480614**	4058546408992
			10 / XL	12	1	**4932480619**	4058546409043
			11 / XXL	1	1	**4932480615**	4058546409005
			11 / XXL	12	1	**4932480620**	4058546409050
⑤	Winter cut E gloves	Red	7 / S	1	1	**4932479710**	4058546375041
			7 / S	12	1	**4932479711**	4058546375058
			8 / M	1	1	**4932479558**	4058546373528
			8 / M	12	1	**4932479562**	4058546373566
			9 / L	1	1	**4932479559**	4058546373535
			9 / L	12	1	**4932479563**	4058546373573
			10 / XL	1	1	**4932479560**	4058546373542
			10 / XL	12	1	**4932479564**	4058546373580
			11 / XXL	1	1	**4932479561**	4058546373559
			11 / XXL	12	1	**4932479565**	4058546373597

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High visibility cut resistant gloves

	Description	Colour code	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Hi-vis Cut A Gloves	White	7 / S	1	1	**4932479916**	4058546377106
			7 / S	12	1	**4932492913**	4058546477844
			8 / M	1	1	**4932479917**	4058546377113
			8 / M	12	1	**4932492914**	4058546477851
			9 / L	1	1	**4932479918**	4058546377120
			9 / L	12	1	**4932492915**	4058546477868
			10 / XL	1	1	**4932479919**	4058546377137
			10 / XL	12	1	**4932492916**	4058546477875
			11 / XXL	1	1	**4932479920**	4058546377144
			11 / XXL	12	1	**4932492917**	4058546477882
②	Hi-Vis Cut B Gloves	Blue	7 / S	1	1	**4932479921**	4058546377151
			8 / M	1	1	**4932479922**	4058546377168
			9 / L	1	1	**4932479923**	4058546377175
			10 / XL	1	1	**4932479924**	4058546377182
			11 / XXL	1	1	**4932479925**	4058546377199
③	Hi-vis Cut C Gloves	Black	7 / S	1	1	**4932479721**	4058546375157
			7 / S	12	1	**4932492918**	4058546477899
			8 / M	1	1	**4932478131**	4058546340643
			8 / M	12	1	**4932492919**	4058546477905
			9 / L	1	1	**4932478132**	4058546340650
			9 / L	12	1	**4932492920**	4058546477912
			10 / XL	1	1	**4932478133**	4058546340667
			10 / XL	12	1	**4932492921**	4058546477929
			11 / XXL	1	1	**4932478134**	4058546340674
			11 / XXL	12	1	**4932492922**	4058546477936
④	Hi-Vis Cut D Gloves	Grey	7 / S	1	1	**4932479926**	4058546377205
			8 / M	1	1	**4932479927**	4058546377212
			9 / L	1	1	**4932479928**	4058546377229
			10 / XL	1	1	**4932479929**	4058546377236
			11 / XXL	1	1	**4932479930**	4058546377243
⑤	Hi-Vis Cut E Gloves	Red	7 / S	1	1	**4932479931**	4058546377250
			8 / M	1	1	**4932479932**	4058546377267
			9 / L	1	1	**4932479933**	4058546377274
			10 / XL	1	1	**4932479934**	4058546377281
			11 / XXL	1	1	**4932479935**	4058546377298

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Hi-Dex Cut Gloves Summary Table

Description	Colour code	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
Hi-Dex Cut B Gloves	Blue	7 / S	1	1	**4932480491**	4058546407766
		7 / S	12	1	**4932480506**	4058546407919
		8 / M	1	1	**4932480492**	4058546407773
		8 / M	12	1	**4932480507**	4058546407926
		9 / L	1	1	**4932480493**	4058546407780
		9 / L	12	1	**4932480508**	4058546407933
		10 / XL	1	1	**4932480494**	4058546407797
		10 / XL	12	1	**4932480509**	4058546407940
		11 / XXL	1	1	**4932480495**	4058546407803
		11 / XXL	12	1	**4932480510**	4058546407957
Hi-Dex Cut C Gloves	Black	7 / S	1	1	**4932480496**	4058546407810
		7 / S	12	1	**4932480511**	4058546407964
		8 / M	1	1	**4932480497**	4058546407827
		8 / M	12	1	**4932480512**	4058546407971
		9 / L	1	1	**4932480498**	4058546407834
		9 / L	12	1	**4932480513**	4058546407988
		10 / XL	1	1	**4932480499**	4058546407841
		10 / XL	12	1	**4932480514**	4058546407995
		11 / XXL	1	1	**4932480500**	4058546407858
		11 / XXL	12	1	**4932480515**	4058546408008
Hi-Dex Cut D Gloves	Grey	7 / S	1	1	**4932480501**	4058546407865
		7 / S	12	1	**4932480516**	4058546408015
		8 / M	1	1	**4932480502**	4058546407872
		8 / M	12	1	**4932480517**	4058546408022
		9 / L	1	1	**4932480503**	4058546407889
		9 / L	12	1	**4932480518**	4058546408039
		10 / XL	1	1	**4932480504**	4058546407896
		10 / XL	12	1	**4932480519**	4058546408046
		11 / XXL	1	1	**4932480505**	4058546407902
		11 / XXL	12	1	**4932480520**	4058546408053

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Chemical Gloves Grip

- Chemical protection, mechanical protection, and heat protection gloves to enhanced user safety.
- Glove length of 350mm with gauntlet cuff style to protect the forearm.
- Triple nitrile coating for increase durability.
- Excellent grip performance on wet and oily surfaces due to the sandy nitrile finish on the palm.
- 18 gauges soft inner liner and latex-free composition to ensure comfort over long periods of used.
- European Certified for chemical, mechanical and heat protection: EN ISO 374- 1:2016 Type A/ JKLMNO, EN ISO 374 -2, EN ISO 374-5 (VIRUS), EN ISO 21420, EN388 (4121A), EN 407 (X1XXX), Food contact approved, UKCA, EAC, UKRAINE



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Chemical Gloves Grip - 7/S - 1pc	1	1	**4932493228**	4058546480998
Chemical Gloves Grip - 8/M - 1pc	1	1	**4932493229**	4058546481001
Chemical Gloves Grip - 9/L - 1pc	1	1	**4932493230**	4058546481018
Chemical Gloves Grip - 10/XL - 1pc	1	1	**4932493231**	4058546481025
Chemical Gloves Grip - 11/XXL - 1pc	1	1	**4932493232**	4058546481032



Fully Dip Cut A Gloves

- Full hand double nitrile dipping to repeal and don't absorb water or oils. Frist coating layer with smooth nitrile on full hand and second layer with Micro-thin foam on palm and thumb.
- Excellent grip performance with foam nitrile finish on the palm. Nitrile material performs better than others in wide range of temperatures and oily surfaces.
- Nitrile reinforcement coating on thumb to provide durability on a weak area.
- Designed to provide all–day comfort, ideal for manufacturing, plumbing, forestry, automotive and transportation, facility management.
- SMARTSWIPE™ fingertips - allows the use of touch screen devices without removing gloves.
- European Certified for cut protection and heat protection: EN ISO 21420, EN388:2016 (4221A), EN 407 (X1XXX).



Description	Packaging style	Pack quantity	Min. order quantity	Article Number	EAN Code
Fully Dip Cut A Gloves - 7/S - 1pc	Hang Card	1	1	**4932493218**	4058546480899
Pack Fully Dip Cut A Gloves - 7/S -12pc	Polybag	12	1	**4932493223**	4058546480943
Fully Dip Cut A Gloves - 8/M - 1pc	Hang Card	1	1	**4932493219**	4058546480905
Pack Fully Dip Cut A Gloves - 8/M - 12pc	Polybag	12	1	**4932493224**	4058546480950
Fully Dip Cut A Gloves - 9/L - 1pc	Hang Card	1	1	**4932493220**	4058546480912
Pack Fully Dip Cut A Gloves - 9/L - 12pc	Polybag	12	1	**4932493225**	4058546480967
Fully Dip Cut A Gloves - 10/XL - 1pc	Hang Card	1	1	**4932493221**	4058546480929
Pack Fully Dip Cut A Gloves - 10/XL -12pc	Polybag	12	1	**4932493226**	4058546480974
Fully Dip Cut A Gloves - 11/XXL - 1pc	Hang Card	1	1	**4932493222**	4058546480936
Pack Fully Dip Cut A Gloves - 11/XXL -12pc	Polybag	12	1	**4932493227**	4058546480981

Nitrile Disposable Gloves

- Durable and resistant disposable nitrile gloves with a thickness 8mil 0.2mm and weight of 8.0gr, reducing the risk of tear, break and increasing productivity.
- Diamond texture pattern to improve grip on metallic tools or in oily and greasy surfaces.
- Chemical resistant ideal to protects from oils, gasoline, thinners, brake fluids, solvents commonly used in automotive garages.
- Excellent dexterity to let users feel the working surface and handle very small parts.
- SMARTSWIPE™ fingertips - allows the use of touch screen devices without removing gloves.
- European Certified for chemical protection: EN ISO 374- 1:2016 Type B / KPT, EN ISO 374 -2, EN ISO 374-5 (VIRUS), EN ISO 21420, UKCA, EAC, UKRAINE



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Nitrile Disposable Gloves Grip - 7/S - 50pc	50pc	1	**4932493233**	4058546481049
Nitrile Disposable Gloves Grip - 8/M - 50pc	50pc	1	**4932493234**	4058546481056
Nitrile Disposable Gloves Grip - 9/L - 50pc	50pc	1	**4932493235**	4058546481063
Nitrile Disposable Gloves Grip - 10/XL - 50pc	50pc	1	**4932493236**	4058546481070
Nitrile Disposable Gloves Grip - 11/XXL - 50pc	50pc	1	**4932493237**	4058546481087



Chain saw Gloves

- Resistant saw cut protection in the right and left glove for forest work.
- Top grain goatskin leather grants extended durability and provides water repellant for working on wet environments.
- Reinforced palm, thumb-index and fingertips with dot pattern TPU for increased grip and durability.
- Smartswipe™ - Allows the use of touch screen devices without removing the gloves on the index finger knuckle.
- European Certified chainsaw protection EN ISO 11393 class 1 (20 m/s) and mechanical protection EN388:2016 (2122A) and EN ISO 21420.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Chain Saw Gloves -8/M - 1pc	1	1	**4932493540**	4058546484118
Chain Saw Gloves - 9/L - 1pc	1	1	**4932493541**	4058546484125
Chain Saw Gloves - 10/XL - 1pc	1	1	**4932493542**	4058546484132
Chain Saw Gloves - 11/XXL - 1pc	1	1	**4932493543**	4058546484149

DemoX Work Gloves

- Updated Demolition Gloves designed, versatile and comfortable work glove.
- ARMORTEX™ reinforced palms and fingertips: Increased durability and hand protection.
- SMARTSWIPE™ Knuckle: Allows the use of touch screen devices without removing the gloves on the index finger knuckle.
- Knuckle protection: TPR padding provides knuckle protection.
- Breathable tri-cot lining: Provides ultimate comfort and breathability.
- Terry cloth thumb: Built in sweat/brow wipe.
- Hook & Loop closure for secure fit.
- European Certified for mechanical protection: EN ISO 21420, EN388:2016 (2121A)



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
DemoX Work Gloves - 7/S - 1pc	1	1	**4932498486**	4058546523558
DemoX Work Gloves -8/M - 1pc	1	1	**4932498487**	4058546523565
DemoX Work Gloves - 9/L - 1pc	1	1	**4932498488**	4058546523572
DemoX Work Gloves - 10/XL - 1pc	1	1	**4932498489**	4058546523589
DemoX Work Gloves - 11/XXL - 1pc	1	1	**4932498490**	4058546523596

Impact Pro Cut C Gloves

- Impact resistant material on back of the hand and fingers reduces and absorbs shock.
- Reinforced nitrile coating with added protection between thumb and fingers.
- Excellent grip performance - nitrile material performs better than other materials in extreme temperatures and oily surfaces.
- SMARTSWIPE™ palm and fingertips - allows the use of touch screen devices without removing gloves.
- European Certified for cut protection including impact testing and heat protection: EN ISO 21420, EN388:2016 (4343CP), EN 407 (X1XXX).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Impact Cut C Gloves - 11/XXL - 1 pc	1	1	**4932498533**	4058546524029
Impact Cut C Gloves - 7/S - 1pc	1	1	**4932498529**	4058546523985
Impact Cut C Gloves - 8/M -1pc	1	1	**4932498530**	4058546523992
Impact Cut C Gloves - 9/L -1pc	1	1	**4932498531**	4058546524005
Impact Cut C Gloves - 10/XL -1pc	1	1	**4932498532**	4058546524012

Impact Pro Cut E Gloves

- Impact resistant material on back of the hand and fingers reduces and absorbs shocks.
- Reinforced nitrile coating with added protection between thumb and fingers.
- Excellent grip performance - nitrile material performs better than other materials in extreme temperatures and oily surfaces.
- SMARTSWIPE™ palm and fingertips - allows the use of touch screen devices without removing gloves.
- European Certified for cut protection including impact testing and heat protection: EN ISO 21420, EN388:2016 (4X43EP), EN 407 (X1XXX).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Impact Pro Cut E Gloves - 7/S - 1 pc	1	1	**4932498534**	4058546524036
Impact Pro Cut E Gloves - 8/M - 1 pc	1	1	**4932498535**	4058546524043
Impact Pro Cut E Gloves - 9/L - 1 pc	1	1	**4932498536**	4058546524050
Impact Pro Cut E Gloves - 10/XL - 1 pc	1	1	**4932498537**	4058546524067
Impact Pro Cut E Gloves - 11/XXL - 1 pc	1	1	**4932498538**	4058546524074

Impact DemoX Work Gloves

- Updated Impact Demolition Gloves designed, durable work glove.
- Impact resistant material, on back of hand and fingers, to reduce and absorb shock.
- Reinforced palms and finger tips: Increased durability and improved grip.
- SMARTSWIPE™ Knuckle: Allows the use of touch screen devices without removing the gloves on the index finger knuckle.
- Hook & Loop closure for secure fit.
- European Certified for cut resistance protection including impact testing: EN ISO 21420 and EN388:2016 (2121AP).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Impact DemoX Work Gloves - 7/S - 1pc	1	1	**4932498481**	4058546523503
Impact DemoX Work Gloves -8/M - 1pc	1	1	**4932498482**	4058546523510
Impact DemoX Work Gloves - 9/L - 1pc	1	1	**4932498483**	4058546523527
Impact DemoX Work Gloves - 10/XL - 1pc	1	1	**4932498484**	4058546523534
Impact DemoX Work Gloves - 11/XXL - 1pc	1	1	**4932498485**	4058546523541

Performance Work Gloves

- Work gloves designed to provide comfort and dexterity for everyday task.
- SMARTSWIPE™ Knuckle: Allows the use of touch screen devices without removing the gloves on the index finger knuckle.
- Breathable tri-cot lining: Provides ultimate comfort and breathability.
- Terry cloth thumb: Built in sweat/brow wipe.
- Hook & Loop closure for secure fit.
- European Certified for mechanical protection: EN ISO 21420, EN388:2016 (2121A)



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Performance Work Gloves - 7/S - 1pc	1	1	**4932498496**	4058546523657
Performance Work Gloves -8/M - 1pc	1	1	**4932498497**	4058546523664
Performance Work Gloves - 9/L - 1pc	1	1	**4932498498**	4058546523671
Performance Work Gloves - 10/XL - 1pc	1	1	**4932498499**	4058546523688
Performance Work Gloves - 11/XXL - 1pc	1	1	**4932498500**	4058546523695

Hybrid leather gloves

- Smartswipe™ - Allows the use of touch screen devices without removing the gloves on the index finger knuckle.
- Leather on the palm for extended durability and reinforced protection of hands.
- Synthetic leather on back of the hand to offer more dexterity and breathability while working.
- Reinforced palm for added comfort and protection while handling heavy objects.
- European Certified for cut resistance protection: EN ISO 21420 and EN388:2016 (2122X).





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Hybrid Leather Gloves - 7/S - 1pc	1	1	**4932479726**	4058546375201
Hybrid Leather Gloves - 8/M - 1pc	1	1	**4932471912**	4058546298111
Hybrid Leather Gloves - 9/L - 1pc	1	1	**4932471913**	4058546298128
Hybrid Leather Gloves - 10/XL - 1pc	1	1	**4932471914**	4058546298135
Hybrid Leather Gloves - 11/XXL - 1pc	1	1	**4932471915**	4058546298142

Leather Gloves

- Top grain goatskin leather gives extended durability and reinforced protection of hands.
- Reinforced palm provides added comfort and protection while handling heavy objects.
- Keystone thumb for comfortable fit and extended wear.
- Smartswipe™ - Allows the use of touch screen devices without removing the gloves on the index finger knuckle.
- European Certified for cut resistance protection: EN ISO 21420 and EN388:2016 (2122X).





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Leather Gloves - 7/S - 1pc	1	1	**4932479727**	4058546375218
Leather Gloves - 8/M - 1pc	1	1	**4932478123**	4058546340568
Leather Gloves - 9/L - 1pc	1	1	**4932478124**	4058546340575
Leather Gloves - 10/XL - 1pc	1	1	**4932478125**	4058546340582
Leather Gloves - 11/XXL - 1pc	1	1	**4932478126**	4058546340599

Winter Demolition Gloves

- Winter insulation and dual acrylic liner to keep the hand warm while working in cold conditions.
- Water and windproof layer on the palm provide superior insolation in extreme environments.
- Padded palm and fingertips for increased durability and comfort.
- SMARTSWIPE™ index finger knuckle that allows to use touch screen devices without removing gloves or using dirty fingertips.
- Built in sweat wipe with terry cloth on the thumb, to easily clean the glasses.
- European Certified for cut and cold resistance protection: EN ISO 21420, EN388:2016 (2122A), EN511 (14X), UKCA.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Winter Demolition Gloves - 7/S - 1pc	1	1	**4932479731**	4058546375256
Winter Demolition Gloves - 8/M - 1pc	1	1	**4932479566**	4058546373603
Winter Demolition Gloves - 9/L - 1pc	1	1	**4932479567**	4058546373610
Winter Demolition Gloves - 10/XL - 1pc	1	1	**4932479568**	4058546373627
Winter Demolition Gloves - 11/XXL - 1pc	1	1	**4932479569**	4058546373634
Winter Demolition Gloves - 12/XXXL - 1pc	1	1	**4932480976**	4058546412616

Pad Pro Cut D Gloves

- Foam padding on the palm provides extra comfort to work with vibrating tools.
- 18 gauge material for extra dexterity on hands.
- Knuckle protection: TPR padding provides knuckle protection.
- Reinforced nitrile coating between thumb and fingers and superior puncture resistance for more durability.
- SMARTSWIPE™ palm and fingertips - allows the use of touch screen devices without removing gloves.
- European Certified for cut resistance protection: EN ISO 21420, EN388:2016 (4X42D), EN 407 (X1XXXX), UKCA.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Pad Pro Cut D Gloves - 7/S - 1pc	1	1	**4932498501**	4058546523701
Pad Pro Cut D Gloves -8/M - 1pc	1	1	**4932498502**	4058546523718
Pad Pro Cut D Gloves - 9/L - 1pc	1	1	**4932498503**	4058546523725
Pad Pro Cut D Gloves - 10/XL - 1pc	1	1	**4932498504**	4058546523732
Pad Pro Cut D Gloves - 11/XXL - 1pc	1	1	**4932498505**	4058546523749

Pad Pro Work Gloves

- Foam padding on the palm provides extra comfort to work with vibrating tools.
- Work gloves for heavy duty applications, like concrete drilling, grinding, sanding, cutting.
- Breathable lining: Provides ultimate comfort and breathability.
- Terry cloth thumb: Built in sweat/brow wipe.
- European Certified for cut resistance protection: EN ISO 21420, EN388:2016 (2121X), EN 407 (X1XXXX), UKCA.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Pad Pro Work Gloves - 7/S - 1pc	1	1	**4932498506**	4058546523756
Pad Pro Work Gloves -8/M - 1pc	1	1	**4932498507**	4058546523763
Pad Pro Work Gloves - 9/L - 1pc	1	1	**4932498508**	4058546523770
Pad Pro Work Gloves - 10/XL - 1pc	1	1	**4932498509**	4058546523787
Pad Pro Work Gloves - 11/XXL - 1pc	1	1	**4932498510**	4058546523794

Flex Work Gloves

- Lightweight and highly breathable general work gloves.
- Textile back of hand gives high dexterity and allows to handle small objects.
- Soft synthetic leather on the palm for handling delicate materials.
- Reinforced thumb and fingers seam for more durability.
- Built-in sweat-wipe on thumb finger.
- SMARTSWIPE™ knuckle and fingertips, allows the use of touch screen devices without removing the gloves.
- European Certified for mechanical protection: EN ISO 21420, EN388:2016 (2121A).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flex Work Gloves - 7/S - 1pc	1	1	**4932498491**	4058546523602
Flex Work Gloves -8/M - 1pc	1	1	**4932498492**	4058546523619
Flex Work Gloves - 9/L - 1pc	1	1	**4932498493**	4058546523626
Flex Work Gloves - 10/XL - 1pc	1	1	**4932498494**	4058546523633
Flex Work Gloves - 11/XXL - 1pc	1	1	**4932498495**	4058546523640

TOOL DROP PREVENTION

MILWAUKEE® LANYARDS





WHY MILWAUKEE® LANYARDS?

A **FALLING OBJECT** IS THE **3RD HIGHEST** CAUSE OF **FATALITY** ON A JOBSITE.

(Peoplesafe.co.uk, 2019)

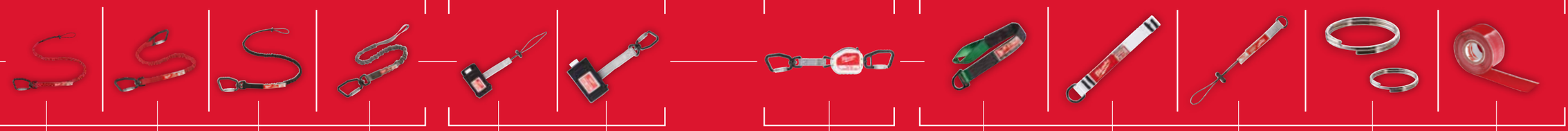
TOOL DROP PREVENTION

LOCKING TOOL LANYARDS

WRIST TOOL LANYARD

RETRACTABLE TOOL LANYARD

TOOL LANYARD ACCESSORIES



NAME	4.5 KG LOCKING TOOL LANYARD	4.5 KG QUICK CONNECT LOCKING TOOL LANYARD	6.8 KG LOCKING TOOL LANYARD	15.8 KG LOCKING TOOL LANYARD	WRIST LANYARD	QUICK CONNECT WRIST LANYARD	QUICK CONNECT RETRACTABLE TOOL LANYARD	ANCHORING STRAP	D-RING WEB	SMALL QUICK CONNECT	SPLIT RINGS 38 mm / 50 mm	SELF-ADHERING TAPE 3.6 m
PART NUMBER	4932471351	4932471429	4932471352	4932471353	4932472107	4932472108	4932472106	4932472105	4932471431	4932471430	4932471433 (38 mm) 4932471434 (50 mm)	48228860
WEIGHT CAPACITY	4.5 KG	4.5 KG	6.8 KG	15.8 KG	2.2 KG	2.2 KG	2.2 KG	22.7 KG	2.2 KG	2.2 KG	1 KG	-
COLOUR CODING	RED	RED	BLACK	GREY	WHITE	WHITE	WHITE	GREEN	WHITE	WHITE	-	-
TETHER MECHANISM											-	-
COMPATIBLE WITH	ANCHORING STRAP	ALL ACCESSORIES	ANCHORING STRAP	ANCHORING STRAP	-	-	ALL ACCESSORIES	ALL LOCKING TOOL LANYARDS	SELF-ADHERING TAPE & 4.5 KG QUICK CONNECT LOCKING TOOL LANYARD	4.5 KG QUICK CONNECT LOCKING TOOL LANYARD	4.5 KG QUICK CONNECT LOCKING TOOL LANYARD	D-RING WEB
INTEGRATED SWIVEL	✓	✓	✓	✓	-	-	✓	-	-	-	-	-
SUITABLE PRODUCTS*	DRILL DRIVER IMPACT DRIVER IMPACT WRENCH JIGSAW HACKZALL SAWZALL™ SHEARS	HANDTOOLS WITH LANYARD ACCESSORY ATTACHED	ANGLE GRINDER DRILL DRIVER IMPACT DRIVER IMPACT WRENCH SDS PLUS HACKZALL SAWZALL™ BANDSAWS	SDS PLUS SDS MAX MAG PRESS IMPACT WRENCH BANDSAWS CHAINSAW	DRILL DRIVERS IMPACT DRIVERS IMPACT WRENCH HANDTOOLS	DRILL DRIVERS IMPACT DRIVERS IMPACT WRENCH HANDTOOLS	DRILL DRIVERS IMPACT DRIVERS IMPACT WRENCH HANDTOOLS	ALL LOCKING TOOL LANYARDS	HANDTOOLS WITHOUT LANYARD HOLE HAMMERS CUTTERS PLIERS	HANDTOOLS WITH LANYARD HOLE SCREWDRIVERS TAPES PLIERS	HANDTOOL WITH LANYARD HOLE KNIVES TAPES PLIERS	D-RING WEB
APPLICATION												

*All product recommendations are only references and are not guaranteed!
Please make sure that the total weight of the tethered product (+ Battery) does not exceed the weight capacity of the tool lanyard!



Locking tool lanyards

- Superior shock absorption - gradually stop the tool if dropped.
- Double locking carabiner - ensures a secure connection that cannot become loose or slip off accidently.
- Integrated swivel - prevents twists and tangles allowing increased mobility.
- Colour coded weight rating - easy identification of lanyard weight capacity.
- High versatility - lanyard accessories can be added to connect all tools to the lanyards.



Description	Bearing force (kg)	Colour code	Pack quantity	Min. order quantity	Article Number	EAN Code
① 4.5 kg locking tool lanyard	4.5	Red	1	1	**4932471351**	4058546289799
② 4.5 kg QUICK-CONNECT™ locking tool lanyard	4.5	Red	1	1	**4932471429**	4058546290573
③ 6.8 kg locking tool lanyard	6.8	Black	1	1	**4932471352**	4058546289805
④ 15.8 kg locking tool lanyard	15.8	Grey	1	1	**4932471353**	4058546289812



TOOL LANYARD ACCESSORIES

STAY SAFE. SECURE ANY TOOL.

EASILY CONNECT

- Creates a secure attachment point
- Different connection system (self-adhering tape or rings)

HIGH VERSATILITY

- Possibility to connect tools with or without lanyard holes
- Allows fast tool swap



Tool lanyard accessories

Description	Colour code	Bearing force (kg)	Pack quantity	Min. order quantity	Article Number	EAN Code
① 2.2 kg small QUICK-CONNECT™ accessory	White	2.2	3	1	**4932471430**	4058546290580
② 2.2 kg D-ring web attachment	White	2.2	5	1	**4932471431**	4058546290597
③ 3.6 m self-adhering tape	-	-	1	1	**48228860**	4058546290603
④ 38 mm split ring	-	1	5	1	**4932471433**	4058546290610
⑤ 50 mm split ring	-	1	5	1	**4932471434**	4058546290627
⑥ Anchoring strap	Green	22.7	1	1	**4932472105**	4058546325015

Retractable tool lanyard

- Automatically retracts, 127 cm when extended.
- Double locking carabiner - ensures a secure connection that cannot become loose or slip off accidently.
- Shuttle lock - greater control during use.
- Integrated swivel - prevents twists and tangles allowing increased mobility.
- Colour coded weight rating - easy identification of lanyard weight capacity.
- High versatility - lanyard accessories can be added to connect all tools to the lanyards.



Description	Colour code	Pack quantity	Min. order quantity	Article Number	EAN Code
2.2 kg Quick-Connect Retractable Tool Lanyard	White	1	1	**4932472106**	4058546325022

Wrist tool lanyard

- Secure and comfortable tools attachment to the wrist.
- Soft and adjustable strap - fits all wrist sizes with a hook and loop closure.
- Hang loop or quick-connect double locking carabiner to securely attach all kind of tools - power tools, tapes, screwdrivers, etc.
- Wrist lanyard allows an easy access to tools in a tight environment or in repetitive work.
- Colour coded weight rating - easy identification of lanyard weight capacity.



Description	Bearing force (kg)	Colour code	Pack quantity	Min. order quantity	Article Number	EAN Code
① Wrist lanyard	2.2	White	1	1	**4932472107**	4058546325039
② Quick connect wrist lanyard	2.2	White	1	1	**4932472108**	4058546325046

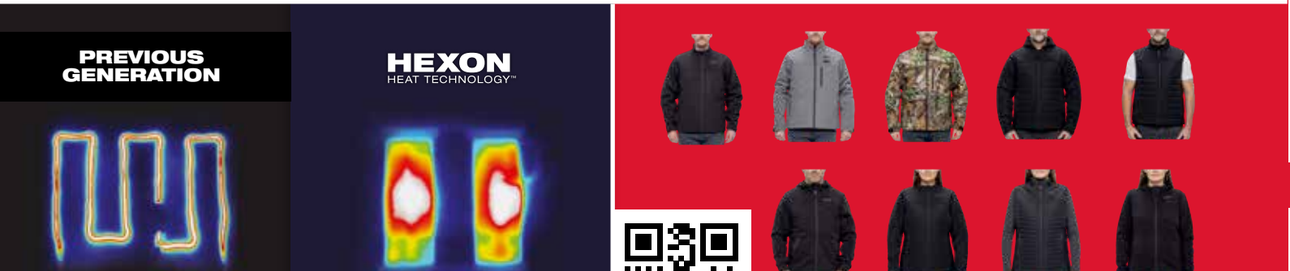
STAYS **WARMER** FOR **LONGER**

GREATEST HEAT **COVERAGE**

HEXON HEAT TECHNOLOGY™

FASTEST HEAT-UP TIME

DURABLE CARBON NANOTUBE HEATING ELEMENTS | **HIGHER SUSTAINED HEAT NO MATTER THE TEMPERATURE** | **FASTEST HEAT UP TIME IN LESS THAN 2 MINUTES** | **LED CONTROLLER WITH 3 HEAT SETTINGS PER ZONE**



◄ **VIEW THE FULL RANGE HERE**

MILWAUKEE HEATED GEAR RANGE

Powered by M12™ REDLITHIUM™ / REDLITHIUM™ USB battery technology or the MILWAUKEE® Flat Pack Battery to access the Heated Gear App features, MILWAUKEE® HEXON Heated Work Gear distributes heat across core body areas. Durable carbon nanotube heating elements have a 40x greater heat coverage than the previous generation and a 9x faster heat up speed. LED controller with 3 heat settings per zone to conveniently adjust to user needs.

EXPLORE OUR RANGE OF HEATED GEAR

M12™Heated Jacket

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 12 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 5 Heat Zones: Chest, Back and Pockets
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- TOUGHSHELL™ stretch 90% polyester and 10% spandex material to withstand harsh working conditions and deliver up to 5x longer life
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Water and wind resistant, provides comfort and durability in harsh environments
- Adjustable waist drawcord and cuffs keep heat in
- Flexible battery system: works with all MILWAUKEEMILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Jacket black	S	Black	1	1	**4932493819**	4058546509798
M12™Heated Jacket black	M	Black	1	1	**4932493820**	4058546509804
M12™Heated Jacket black	L	Black	1	1	**4932493821**	4058546509811
M12™Heated Jacket black	XL	Black	1	1	**4932493822**	4058546509828
M12™Heated Jacket black	XXL	Black	1	1	**4932493823**	4058546509835
M12™Heated Jacket black	XXXL	Black	1	1	**4932493824**	4058546509842
M12™Heated Jacket grey	S	Grey	1	1	**4932493825**	4058546509859
M12™Heated Jacket grey	M	Grey	1	1	**4932493826**	4058546509866
M12™Heated Jacket grey	L	Grey	1	1	**4932493827**	4058546509873
M12™Heated Jacket grey	XL	Grey	1	1	**4932493828**	4058546509880
M12™Heated Jacket grey	XXL	Grey	1	1	**4932493829**	4058546509897
M12™Heated Jacket grey	XXXL	Grey	1	1	**4932493830**	4058546509903

M12™Heated Jacket

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 12 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 5 Heat Zones: Chest, Back and Pockets
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- REALTREE EDGE® QUIETSHELL stretch polyester fabric protects from harsh jobsite conditions while reducing noise from movement
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Water and wind resistant, provides comfort and durability in harsh environments
- Adjustable waist drawcord and cuffs keep heat in
- Flexible battery system: works with all MILWAUKEEMILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Jacket camo	S	Camouflage	1	1	**4932493831**	4058546509910
M12™Heated Jacket camo	M	Camouflage	1	1	**4932493832**	4058546509927
M12™Heated Jacket camo	L	Camouflage	1	1	**4932493833**	4058546509934
M12™Heated Jacket camo	XL	Camouflage	1	1	**4932493834**	4058546509941
M12™Heated Jacket camo	XXL	Camouflage	1	1	**4932493835**	4058546509958
M12™Heated Jacket camo	XXXL	Camouflage	1	1	**4932493836**	4058546509965

M12™ Heated Puffer Jacket black

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 12 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 5 Heat Zones: Chest, Back and Shoulders
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- Lightweight and highly durable ripstop polyester provides a slim design that can be worn as an outer-shell or a mid-layer (100% Polyester outer and inner shell)
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Water and wind resistant, provides comfort and durability in harsh environments
- Adjustable waist drawcord keep heat in
- Flexible battery system: works with all MILWAUKEEMILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Puffer Jacket black	S	Black	1	1	**4932493837**	4058546509972
M12™Heated Puffer Jacket black	M	Black	1	1	**4932493838**	4058546509989
M12™Heated Puffer Jacket black	L	Black	1	1	**4932493839**	4058546509996
M12™Heated Puffer Jacket black	XL	Black	1	1	**4932493840**	4058546510008
M12™Heated Puffer Jacket black	XXL	Black	1	1	**4932493841**	4058546510015

M12™ Heated Puffer Vest black

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 11 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 3 Heat Zones: Chest and Back
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- Lightweight and highly durable ripstop polyester provides a slim design that can be worn as an outer-shell or a mid-layer (100% Polyester outer and inner shell)
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Water and wind resistant, provides comfort and durability in harsh environments
- Adjustable waist drawcord keep heat in
- Flexible battery system: works with all MILWAUKEEMILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Puffer Vest black	S	Black	1	1	**4932493842**	4058546510022
M12™Heated Puffer Vest black	M	Black	1	1	**4932493843**	4058546510039
M12™Heated Puffer Vest black	L	Black	1	1	**4932493844**	4058546510046
M12™Heated Puffer Vest black	XL	Black	1	1	**4932493845**	4058546510053
M12™Heated Puffer Vest black	XXL	Black	1	1	**4932493846**	4058546510060

M12™ Heated Puffer Jacket Ladies black

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 12 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 5 Heat Zones: Chest, Back and Shoulders
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- Lightweight and highly durable ripstop polyester provides a slim design that can be worn as an outer-shell or a mid-layer (100% Polyester outer and inner shell)
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Water and wind resistant, provides comfort and durability in harsh environments
- Adjustable waist drawcord keep heat in
- Flexible battery system: works with all MILWAUKEEMILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Puffer Jacket Ladies black	S	Black	1	1	**4932493847**	4058546510077
M12™Heated Puffer Jacket Ladies black	M	Black	1	1	**4932493848**	4058546510084
M12™Heated Puffer Jacket Ladies black	L	Black	1	1	**4932493849**	4058546510091
M12™Heated Puffer Jacket Ladies black	XL	Black	1	1	**4932493850**	4058546510107
M12™Heated Puffer Jacket Ladies black	XXL	Black	1	1	**4932493851**	4058546510114

M12™ Heated Puffer Vest Ladies black

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 11 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 3 Heat Zones: Chest and Back
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- Lightweight and highly durable ripstop polyester provides a slim design that can be worn as an outer-shell or a mid-layer (100% Polyester outer and inner shell)
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Water and wind resistant, provides comfort and durability in harsh environments
- Adjustable waist drawcord keep heat in
- Flexible battery system: works with all MILWAUKEEMILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Puffer Vest Ladies black	S	Black	1	1	**4932493852**	4058546510121
M12™Heated Puffer Vest Ladies black	M	Black	1	1	**4932493853**	4058546510138
M12™Heated Puffer Vest Ladies black	L	Black	1	1	**4932493854**	4058546510145
M12™Heated Puffer Vest Ladies black	XL	Black	1	1	**4932493855**	4058546510152
M12™Heated Puffer Vest Ladies black	XXL	Black	1	1	**4932493856**	4058546510169

M12™Heated Hoodie

NEW

- HEXON HEAT TECHNOLOGY™ provides superior heat experience with a faster heat up speed and superior heat coverage
- All day run time, up to 11 hours with a single battery charge of M12™REDLITHIUM™ 3.0Ah battery
- 3 Heat Zones: Chest and Back
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- IRPSU3 Heated Gear Flat Power Source compatibility providing comfort and enabling app control
- Rugged heated hoodie made from durable cotton (56%) exterior with durable reinforced utility pockets and polyester fleece (44%) lining to withstand tough outdoor conditions
- Zippered battery pass-though pocket: Position the battery in the front or back pocket to improve comfort
- Three-panel hood design with drawcord for comfortable fit
- Flexible battery system: works with all MILWAUKEE®M12™ batteries
- Washer and dryer safe



Description	Size	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
M12™Heated Hoodie black	S	Black	1	1	**4932499187**	4058546563516
M12™Heated Hoodie black	M	Black	1	1	**4932499188**	4058546563523
M12™Heated Hoodie black	L	Black	1	1	**4932499189**	4058546563530
M12™Heated Hoodie black	XL	Black	1	1	**4932499190**	4058546563547
M12™Heated Hoodie black	XXL	Black	1	1	**4932499191**	4058546563554
M12™Heated Hoodie black	XXXL	Black	1	1	**4932499192**	4058546563561

Heated gear power source

NEW

- Powers all M12™Heated Gear
- USB-C bi-directional charging delivers 15A to charge devices and 36W to re-charge the power source
- Bluetooth connectivity with the MILWAUKEE® Heated Gear app
- 36Wh battery capacity
- Up to 12 hours runtime with M12™ Heated Gear
- Simultaneously power M12™ Heated Gear while charging a device or the power supply
- Select your desired runtime, customise heat levels and zones and save favourites for quick-access in the MILWAUKEE® Heated Gear app
- Personalise heat zones and runtime when paired with HEXON heat technology™ garments



Description	Battery pack capacity (Ah)	Battery type	Pack quantity	Min. order quantity	Article Number	EAN Code
Heated gear power source	3	Li-ion	1	1	**4932492907**	4058546477783



FREEFLEX™ Softshell Hooded Jacket Black

- FREEFLEX™Mobility: Engineered To Move Freely On The Job with a custom 2-way stretch fabric and full range arm movement for working overhead.
- Wind and Water-Resistant Materials: Built to protect against changing jobsite conditions.
- Brushed Fleece Interior: Provides the warmth for early morning jobs without adding bulk.
- Hidden Draw Cords: Stay out of the way when ripping cuts.
- Double-Stitched Reinforced 3-Pocket Design: Allows for added tool storage and functionality.
- Durable Rib Knit Cuffs: Comfortable elastic cuffs shield from wind and are easy to layer without gloves.



Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
FREEFLEX™ Softshell Hooded Jacket Black	S	1	1	**4932498271**	4058546521400
FREEFLEX™ Softshell Hooded Jacket Black	M	1	1	**4932498272**	4058546521417
FREEFLEX™ Softshell Hooded Jacket Black	L	1	1	**4932498273**	4058546521424
FREEFLEX™ Softshell Hooded Jacket Black	XL	1	1	**4932498274**	4058546521431
FREEFLEX™ Softshell Hooded Jacket Black	XXL	1	1	**4932498275**	4058546521448
FREEFLEX™ Softshell Hooded Jacket Black	XXXL	1	1	**4932498276**	4058546521455

FREEFLEX™ Work Jacket Black

- FREEFLEX™ Engineered to move freely on the job: Custom action back design paired with a full range arm movement.
- Insulated Quilted Lining: Provides warmth needed to keep working all winter without adding bulk.
- Jobsite Durability: Ripstop reinforced elbows and shoulders protect whil working.
- Double-stitched reinforced 6-pocket design: allows for added tool storage and functionality.
- Zippers built for the jobsite: shielded front zipper design holds up against jobsite debris.
- Adjustable snap cuffs: allow for seamless and comfortable fitting with work gloves.



Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
FREEFLEX™Work Jacket Black	S	1	1	**4932498277**	4058546521462
FREEFLEX™Work Jacket Black	M	1	1	**4932498278**	4058546521479
FREEFLEX™Work Jacket Black	L	1	1	**4932498279**	4058546521486
FREEFLEX™Work Jacket Black	XL	1	1	**4932498280**	4058546521493
FREEFLEX™Work Jacket Black	XXL	1	1	**4932498281**	4058546521509
FREEFLEX™Work Jacket Black	XXXL	1	1	**4932498282**	4058546521516

GRIDIRON™ Full-Zip Hoodie

- Made from durable, light, and breathable fabric for all-day protection to outlast the job
- Built with a tear- and abrasion-resistant 55/45 cotton/poly blend
- Trade focused features consisting of large front pockets with wide reinforced edges and easy entrance
- 3-panel hood with hidden draw cords providing safety on the job
- Hidden device pocket inside the front pocket

Description	Colour	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
GRIDIRON™ Full-Zip Hoodie Black	Black	S	1	1	**4932499387**	4058546565510
	Black	M	1	1	**4932499388**	4058546565527
	Black	L	1	1	**4932499389**	4058546565534
	Black	XL	1	1	**4932499390**	4058546565541
	Black	XXL	1	1	**4932499391**	4058546565558
	Black	XXXL	1	1	**4932499392**	4058546565565
GRIDIRON™ Full-Zip Hoodie Grey	Grey	S	1	1	**4932499393**	4058546565572
	Grey	M	1	1	**4932499394**	4058546565589
	Grey	L	1	1	**4932499395**	4058546565596
	Grey	XL	1	1	**4932499396**	4058546565602
	Grey	XXL	1	1	**4932499397**	4058546565619
	Grey	XXXL	1	1	**4932499398**	4058546565626
GRIDIRON™ Full-Zip Hoodie Blue	Blue	S	1	1	**4932499399**	4058546565633
	Blue	M	1	1	**4932499400**	4058546565640
	Blue	L	1	1	**4932499401**	4058546565657
	Blue	XL	1	1	**4932499402**	4058546565664
	Blue	XXL	1	1	**4932499403**	4058546565671
	Blue	XXXL	1	1	**4932499404**	4058546565688





Midweight Hoodie

- Midweight hoodie is easy to layer for great seasonal versatility.
- Trade focused design with reinforced front pockets and drop shoulder seams.
- Comfortable design and fit allows to move freely and easily on the job.

Description	Colour	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
① Work hoodie midweight - black	Black	S	1	1	**4932493116**	4058546479879
	Black	M	1	1	**4932493117**	4058546479886
	Black	L	1	1	**4932493118**	4058546479893
	Black	XL	1	1	**4932493119**	4058546479909
	Black	XXL	1	1	**4932493120**	4058546479916
② Work hoodie midweight - grey	Grey	S	1	1	**4932493121**	4058546479923
	Grey	M	1	1	**4932493122**	4058546479930
	Grey	L	1	1	**4932493123**	4058546479947
	Grey	XL	1	1	**4932493124**	4058546479954
	Grey	XXL	1	1	**4932493125**	4058546479961
③ Work hoodie midweight - blue	Blue	S	1	1	**4932493126**	4058546479978
	Blue	M	1	1	**4932493127**	4058546479985
	Blue	L	1	1	**4932493128**	4058546479992
	Blue	XL	1	1	**4932493129**	4058546480004
	Blue	XXL	1	1	**4932493130**	4058546480011
④ Work hoodie midweight - brown	Brown	S	1	1	**4932493131**	4058546480028
	Brown	M	1	1	**4932493132**	4058546480035
	Brown	L	1	1	**4932493133**	4058546480042
	Brown	XL	1	1	**4932493134**	4058546480059
	Brown	XXL	1	1	**4932493135**	4058546480066






Work T-Shirt Summary Table

- Heavy Duty 200 gsm tear and abrasion resistant fabric, perfectly to outlast the jobsite.
- Durable and breathable cotton (60) polyester (40) blend.
- Storage pocket to store pens, ear plugs or other items.
- UV Protection Factor UPF 50+ according to EN 13758-1.

Description	Colour	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
① Work T-Shirt short sleeve black	Black	S	1	1	**4932493003**	4058546478742
	Black	M	1	1	**4932493004**	4058546478759
	Black	L	1	1	**4932493005**	4058546478766
	Black	XL	1	1	**4932493006**	4058546478773
	Black	XXL	1	1	**4932493007**	4058546478780
② Work T-Shirt long sleeve black	Black	S	1	1	**4932493033**	4058546479046
	Black	M	1	1	**4932493034**	4058546479053
	Black	L	1	1	**4932493035**	4058546479060
	Black	XL	1	1	**4932493036**	4058546479077
	Black	XXL	1	1	**4932493037**	4058546479084
③ Work T-Shirt short sleeve blue	Blue	S	1	1	**4932493013**	4058546478841
	Blue	M	1	1	**4932493014**	4058546478858
	Blue	L	1	1	**4932493015**	4058546478865
	Blue	XL	1	1	**4932493016**	4058546478872
	Blue	XXL	1	1	**4932493017**	4058546478889
④ Work T-Shirt long sleeve blue	Blue	S	1	1	**4932493043**	4058546479145
	Blue	M	1	1	**4932493044**	4058546479152
	Blue	L	1	1	**4932493045**	4058546479169
	Blue	XL	1	1	**4932493046**	4058546479176
	Blue	XXL	1	1	**4932493047**	4058546479183
⑤ Work T-Shirt short sleeve green	Green	S	1	1	**4932493018**	4058546478896
	Green	M	1	1	**4932493019**	4058546478902
	Green	L	1	1	**4932493020**	4058546478919
	Green	XL	1	1	**4932493021**	4058546478926
	Green	XXL	1	1	**4932493022**	4058546478933
⑥ Work T-Shirt long sleeve green	Green	S	1	1	**4932493048**	4058546479190
	Green	M	1	1	**4932493049**	4058546479206
	Green	L	1	1	**4932493040**	4058546479114
	Green	XL	1	1	**4932493041**	4058546479121
	Green	XXL	1	1	**4932493042**	4058546479138
⑦ Work T-Shirt short sleeve brown	Brown	S	1	1	**4932493028**	4058546478995
	Brown	M	1	1	**4932493029**	4058546479008
	Brown	L	1	1	**4932493030**	4058546479015
	Brown	XL	1	1	**4932493031**	4058546479022
	Brown	XXL	1	1	**4932493032**	4058546479039
⑧ Work T-shirt long sleeve brown	Brown	S	1	1	**4932493058**	4058546479299
	Brown	M	1	1	**4932493059**	4058546479305
	Brown	L	1	1	**4932493060**	4058546479312
	Brown	XL	1	1	**4932493061**	4058546479329
	Brown	XXL	1	1	**4932493062**	4058546479336










Hybrid T-Shirt Summary Table

- Lightweight and breathable 156 gsm work shirt to stay comfortable and productive.
- Specifically created for mobility with drop shoulder design and full body coverage.
- Breathable and comfortable cotton (33) polyester (67) blend.

	Description	Colour	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Hybrid T-shirt short sleeve black	Black	S	1	1	**4932492963**	4058546478346
		Black	M	1	1	**4932492964**	4058546478353
		Black	L	1	1	**4932492965**	4058546478360
		Black	XL	1	1	**4932492966**	4058546478377
		Black	XXL	1	1	**4932492967**	4058546478384
②	Hybrid T-shirt long sleeve black	Black	S	1	1	**4932492983**	4058546478544
		Black	M	1	1	**4932492984**	4058546478551
		Black	L	1	1	**4932492985**	4058546478568
		Black	XL	1	1	**4932492986**	4058546478575
		Black	XXL	1	1	**4932492987**	4058546478582
③	Hybrid T-shirt short sleeve	Grey	S	1	1	**4932492968**	4058546478391
		Grey	M	1	1	**4932492969**	4058546478407
		Grey	L	1	1	**4932492970**	4058546478414
		Grey	XL	1	1	**4932492971**	4058546478421
		Grey	XXL	1	1	**4932492972**	4058546478438
④	Hybrid T-shirt long sleeve	Grey	S	1	1	**4932492988**	4058546478599
		Grey	M	1	1	**4932492989**	4058546478605
		Grey	L	1	1	**4932492990**	4058546478612
		Grey	XL	1	1	**4932492991**	4058546478629
		Grey	XXL	1	1	**4932492992**	4058546478636
⑤	Hybrid T-shirt short sleeve blue	Blue	S	1	1	**4932492973**	4058546478445
		Blue	M	1	1	**4932492974**	4058546478452
		Blue	L	1	1	**4932492975**	4058546478469
		Blue	XL	1	1	**4932492976**	4058546478476
		Blue	XXL	1	1	**4932492977**	4058546478483
⑥	Hybrid T-shirt long sleeve blue	Blue	S	1	1	**4932492993**	4058546478643
		Blue	M	1	1	**4932492994**	4058546478650
		Blue	L	1	1	**4932492995**	4058546478667
		Blue	XL	1	1	**4932492996**	4058546478674
		Blue	XXL	1	1	**4932492997**	4058546478681
⑦	Hybrid T-shirt short sleeve green	Green	S	1	1	**4932492978**	4058546478490
		Green	M	1	1	**4932492979**	4058546478506
		Green	L	1	1	**4932492980**	4058546478513
		Green	XL	1	1	**4932492981**	4058546478520
		Green	XXL	1	1	**4932492982**	4058546478537
⑧	Hybrid T-shirt long sleeve green	Green	S	1	1	**4932492998**	4058546478698
		Green	M	1	1	**4932492999**	4058546478704
		Green	L	1	1	**4932493000**	4058546478711
		Green	XL	1	1	**4932493001**	4058546478728
		Green	XXL	1	1	**4932493002**	4058546478735



Warm Weather T-Shirt Summary Table

- Light weight to stay productive on the jobsite in hot weather conditions
- Moisture wicking fabric, 100% Polyester
- Fast-drying, multi-layer mesh material in core sweat zones for great ventilation under the armpits, on the sides of the body and on the back
- Raglan sleeves for comfortable carrying of tool bags, backpacks or climbing harnesses and providing a greater range of motion
- UV Protection Factor UPF 50+ according to EN 13758-1.

	Description	Colour	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	WORKSKIN™ warm weather short sleeve performance shirt black	Black	S	1	1	**4932493063**	4058546479343
		Black	M	1	1	**4932493064**	4058546479350
		Black	L	1	1	**4932493065**	4058546479367
		Black	XL	1	1	**4932493066**	4058546479374
		Black	XXL	1	1	**4932493067**	4058546479381
②	WORKSKIN™ warm weather long sleeve performance shirt black	Black	S	1	1	**4932493078**	4058546479497
		Black	M	1	1	**4932493079**	4058546479503
		Black	L	1	1	**4932493080**	4058546479510
		Black	XL	1	1	**4932493081**	4058546479527
		Black	XXL	1	1	**4932493082**	4058546479534
③	WORKSKIN™ warm weather short sleeve performance shirt red	Red	S	1	1	**4932493068**	4058546479398
		Red	M	1	1	**4932493069**	4058546479404
		Red	L	1	1	**4932493070**	4058546479411
		Red	XL	1	1	**4932493071**	4058546479428
		Red	XXL	1	1	**4932493072**	4058546479435
④	WORKSKIN™ warm weather long sleeve performance shirt red	Red	S	1	1	**4932493083**	4058546479541
		Red	M	1	1	**4932493084**	4058546479558
		Red	L	1	1	**4932493085**	4058546479565
		Red	XL	1	1	**4932493086**	4058546479572
		Red	XXL	1	1	**4932493087**	4058546479589
⑤	Warm weather short sleeve performance shirt - yellow	Yellow	S	1	1	**4932493073**	4058546479442
		Yellow	M	1	1	**4932493074**	4058546479459
		Yellow	L	1	1	**4932493075**	4058546479466
		Yellow	XL	1	1	**4932493076**	4058546479473
		Yellow	XXL	1	1	**4932493077**	4058546479480
⑥	Warm weather long sleeve performance shirt - yellow	Yellow	S	1	1	**4932493088**	4058546479596
		Yellow	M	1	1	**4932493089**	4058546479602
		Yellow	L	1	1	**4932493090**	4058546479619
		Yellow	XL	1	1	**4932493091**	4058546479626
		Yellow	XXL	1	1	**4932493092**	4058546479633
⑦	WORKSKIN™ light weight performance short sleeve shirt - Grey	Grey	S	1	1	**4933478194**	4058546341275
		Grey	M	1	1	**4933478195**	4058546341282
		Grey	L	1	1	**4933478196**	4058546341299
		Grey	XL	1	1	**4933478197**	4058546341305
		Grey	XXL	1	1	**4933478198**	4058546341312
⑧	WORKSKIN™ light weight performance long sleeve shirt - Grey	Grey	S	1	1	**4933464108**	4058546220532
		Grey	M	1	1	**4933464194**	4058546221393
		Grey	L	1	1	**4933464195**	4058546221409
		Grey	XL	1	1	**4933464196**	4058546221416
		Grey	XXL	1	1	**4933464197**	4058546221423



FREEFLEX™Work Pants black

- FREEFLEX™ Mobility: Comfortable 4-way stretch material in key movement areas allows maximum range of motion even when loaded with tools.
- Durable mid weight 245 gsm material (65% recycled Polyester / 35% cotton) ideal for indoor and outdoor applications.
- Removable and reinforced holster pockets with loops for more storage versatility (secured with zip and buttons).
- Diagonally opened side pocket to store longer tools (meter stick, pliers, spanners) with additional storage for smaller tools.
- 2x closable side pockets with loops, 2x front pockets and 2x closable back pockets.
- Cordura®reinforced knee pad pockets with flaps to protect against dust and dirt.
- Tool lanyard ready for working safely at height.
- Hammer loop for quick access to hammers.
- The trouser length can be extended by 5 cm at the bottom for maximum adjustment.
- OEKO-TEX® made in green.



Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
FREEFLEX™ Work Pants black	44	1	1	**4932498190**	4058546520595
FREEFLEX™ Work Pants black	46	1	1	**4932498191**	4058546520601
FREEFLEX™ Work Pants black	48	1	1	**4932498192**	4058546520618
FREEFLEX™ Work Pants black	50	1	1	**4932498193**	4058546520625
FREEFLEX™ Work Pants black	52	1	1	**4932498194**	4058546520632
FREEFLEX™ Work Pants black	54	1	1	**4932498195**	4058546520649
FREEFLEX™ Work Pants black	56	1	1	**4932498196**	4058546520656
FREEFLEX™ Work Pants black	58	1	1	**4932498197**	4058546520663
FREEFLEX™ Work Pants black	60	1	1	**4932498198**	4058546520670
FREEFLEX™ Work Pants black	62	1	1	**4932498199**	4058546520687
FREEFLEX™ Work Pants black	64	1	1	**4932498200**	4058546520694

Knee Pad Inserts EVA

NEW

- Lightweight and comfortable foam padding.
- Ergonomically designed to ensure great flexibility in all movements, especially when kneeling.
- Easy insertion in knee pad pockets.
- Compatible with MILWAUKEE®FREEFLEX™Work pants.
- European Certified knee protectors: EN 14404 performance level 1.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Knee Pad Inserts EVA	1	1	**4932498789**	4058546526580

WORKSKIN™ Cold Weather Base Layer Long Sleeve

- Custom sweat wicking fabric: fast sweat wicking performance while working.
- Brushed fleece interior: for added warmth and next-to-skin comfort on long cold days.
- Built to layer: fitted design and flat stitched seams prevent rubbing and layer easily.
- Trade built 4-way stretch and drop shoulder seams: allow for full freedom of movement.



Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
WORKSKIN™Cold Weather Base Layer Long Sleeve Black	S	1	1	**4932498283**	4058546521523
WORKSKIN™Cold Weather Base Layer Long Sleeve Black	M	1	1	**4932498284**	4058546521530
WORKSKIN™Cold Weather Base Layer Long Sleeve Black	L	1	1	**4932498285**	4058546521547
WORKSKIN™Cold Weather Base Layer Long Sleeve Black	XL	1	1	**4932498286**	4058546521554
WORKSKIN™Cold Weather Base Layer Long Sleeve Black	XXL	1	1	**4932498287**	4058546521561
WORKSKIN™Cold Weather Base Layer Long Sleeve Black	XXXL	1	1	**4932498288**	4058546521578

WORKSKIN™ Cold Weather Base Layer Pants

- Custom sweat wicking fabric: fast sweat wicking performance while working.
- Brushed fleece interior: for added warmth and next-to-skin comfort on long cold days.
- Built to layer: fitted design and flat stitched seams prevent irritation and layer easily.
- Trade built 4-way stretch allows for full freedom of movement.



Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
WORKSKIN™Cold Weather Base Layer Pants Black	S	1	1	**4932498289**	4058546521585
WORKSKIN™Cold Weather Base Layer Pants Black	M	1	1	**4932498290**	4058546521592
WORKSKIN™Cold Weather Base Layer Pants Black	L	1	1	**4932498291**	4058546521608
WORKSKIN™Cold Weather Base Layer Pants Black	XL	1	1	**4932498292**	4058546521615
WORKSKIN™Cold Weather Base Layer Pants Black	XXL	1	1	**4932498293**	4058546521622
WORKSKIN™Cold Weather Base Layer Pants Black	XXXL	1	1	**4932498294**	4058546521639

Baseball Cap Summary Table

- Lightweight cap to protect from the sun, on or off the jobsite.
- Flexible band for best fit. Cap sizes include S/M and L/XL available in red, black or grey.
- UV Protection Factor UPF 50+ according to EN 13758-1.



	Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Baseball cap - black	S / M	1	1	**4932493095**	4058546479664
	Baseball cap - black	L / XL	1	1	**4932493096**	4058546479671
②	Baseball cap - grey	S / M	1	1	**4932493097**	4058546479688
	Baseball cap - grey	L / XL	1	1	**4932493098**	4058546479695
③	Baseball cap - red	S / M	1	1	**4932493099**	4058546479701
	Baseball cap - red	L / XL	1	1	**4932493100**	4058546479718

Snapback Trucker cap black

- Lightweight cap to protect from the sun, on or off the jobsite.
- Ripstop polyester in the front panel provides added durability and a rugged look.
- Breathable mesh material for great ventilation.
- Snapnack mechanism to fit all head sizes.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Snapback Trucker cap - black	1	1	**4932493107**	4058546479787

Performance Cap Summary Table

- Lightweight cap to protect from the sun, on or off the jobsite.
- Stay cool, dry fast moisture wicking fabric.
- Flexible band for best fit. Cap sizes include S/M and L/XL available in grey, dark grey and blue.
- UV Protection Factor UPF 50+ according to EN 13758-1.



	Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Baseball cap performance - grey	S / M	1	1	**4932493101**	4058546479725
	Baseball cap performance - grey	L / XL	1	1	**4932493102**	4058546479732
②	Baseball cap performance - dark grey	S / M	1	1	**4932493103**	4058546479749
	Baseball cap performance - dark grey	L / XL	1	1	**4932493104**	4058546479756
③	Baseball cap performance - blue	S / M	1	1	**4932493105**	4058546479763
	Baseball cap performance - blue	L / XL	1	1	**4932493106**	4058546479770

Cuffed Beanie

- The thick, double-layered knit traps heat to keep the head warm in cold conditions.
- Made from soft 100% Acrylic material that feels comfortable against the skin without itching.
- The flexible knit design provides a secure fit that adapts to different head sizes while maintaining its shape.



	Description	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Cuffed Beanie - Black	One size fits most	1	1	**4932499381**	4058546565459
②	Cuffed Beanie - Brown	One size fits most	1	1	**4932499384**	4058546565480
③	Cuffed Beanie - Dark Grey	One size fits most	1	1	**4932499383**	4058546565473
④	Cuffed Beanie - Green	One size fits most	1	1	**4932499382**	4058546565466
⑤	Cuffed Beanie - Red	One size fits most	1	1	**4932499385**	4058546565497

Beanie

- Comfortable beanie protects from cold environments.
- Fleece lined for more comfort and protects from wind.
- Durable 98% Polyester, 2% Spandex construction resists snagging and manages moisture to help prevent sweating and overheating.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
① Beanie - black	1	1	**4932493109**	4058546479800
② Beanie - grey	1	1	**4932493110**	4058546479817
③ Beanie - red	1	1	**4932493111**	4058546479824

WORKSKIN™ Low-Profile Beanie

- The brushed fleece interior provides soft warmth while maintaining a lightweight feel, ideal for all-day comfort.
- The 360-degree stretch fabric ensures a snug, comfortable fit that stays in place throughout the day.
- Made from 100% Polyester, the fabric efficiently wicks away sweat and dries quickly to keep the head dry and comfortable.



Description	Colour	Size	Pack quantity	Min. order quantity	Article Number	EAN Code
WORKSKIN™ Low-Profile Beanie	Black	One size fits most	1	1	**4932499427**	4058546565916

Cooling PVA Towel

- Long lasting cooling effect up to 4 hours, prolonging productive work hours and mitigating heat related illnesses.
- Soak the towel in water and wring out excess water to activate cooling effect.
- Quick, 30 second activation time.
- When cooling effect expires, simply re-apply water to reactivate the cooling effect.
- Blocks out harmful UV rays.
- Highly comfortable material.
- Machine washable.
- UPF 50+ Certified: EN 13758-1.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Cooling PVA Towel	1	1	**4932498146**	4058546513061

Cooling Microfiber Towel

- Long lasting cooling effect up to 4 hours, prolonging productive work hours and mitigating heat related illnesses.
- Soak the towel in water and wring out excess water to activate cooling effect.
- Quick, 30 second activation time.
- When cooling effect expires, simply re-apply water to reactivate the cooling effect.
- Blocks out harmful UV rays.
- Highly comfortable material with durable edge banding.
- Machine washable.
- UPF 50+ Certified: EN 13758-1.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Cooling Microfiber Towel	1	1	**4932498076**	4058546512361

Cooling Skull Cap

- Long lasting cooling effect up to 4 hours, prolonging productive work hours and mitigating heat related illnesses.
- Soak the product in water and wring out excess water to activate cooling effect.
- Quick, 30 second activation time.
- When cooling effect expires, simply re-apply water to reactivate the cooling effect.
- Blocks out harmful UV rays.
- Highly comfortable material with 4-way-stretch to fit most head sizes.
- Machine washable.
- UPF 50+ Certified: EN 13758-1.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Cooling Skull Cap	1	1	**4932498077**	4058546512378

WORKSKIN™ Mid-Weight Cold Weather Balaclava

- The brushed fleece interior provides soft insulation to keep the head, face, and neck warm in cold conditions.
- The 82% Polyester, 18% Spandex panel over the mouth and nose allows for easy breathing while wicking away moisture to keep the skin dry.
- Made from 100% Polyester, the shell dries quickly and fits securely with a stretchy design that accommodates most head sizes.



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
WORKSKIN™ Mid-Weight Cold Weather Balaclava	<attrib	1	1	**4932499386**	4058546565503

Neck gaiter & face mask

- Multi-functional, wear it as a neck gaiter, face mask, headband, sweatband or headgear protection on the jobsite
- Moisture wicking fabric dries quickly, repels sweat & water, keeps users dry on the jobsite
- Breathable, comfortable fabric made from 86 % Polyester and 14 % Spandex
- 50+ UPF sun protection blocks 98 % of UV rays
- Shields from wind, dust and jobsite debris
- Turnback hem prevents the fabric from sliding down
- Washer and dryer safe
- One size fits most
- Available in colours grey and red



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
Neck gaiter & face mask - Red	Red	1	1	**4933478780**	4058546360627
Neck gaiter & face mask - Grey	Grey	1	1	**4933478766**	4058546360481

WORKSKIN™ Performance Neck Gaiter Face Mask

- Multi-functional, wear it as a neck gaiter, face mask, headband, sweatband or headgear to protect from hot conditions, sun or wind.
- Breathable fabric to stay cool and dry fast while working in hot conditions.
- Adjustable neck gaiter has a rear drawstring to customize for more comfort.
- Blocks harmful UV rays. rated UPF 50+ according to EN 13758-1 (red version only)



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
WORKSKIN™ Performance Neck Gaiter Face Mask grey	1	1	**4932493093**	4058546479640
WORKSKIN™ Performance Neck Gaiter Face Mask red	1	1	**4932493094**	4058546479657

Performance Face Covering

- Structured Fit Design - Separates mask from mouth.
- 3 Soft and Breathable Layers - all day comfort for long time wear.
- Comfortable Adjustable Ear Loops - No pressure on the ears.
- Water Repellent Outer Layer.
- Flexible Nose Bridge - Adjustability for a better sealing and to reduce fog on glasses.
- Moisture Wicking Inner Layer - Stay Cool, Dry Fast.
- Machine Washable.





Description	Size	Pack quantity	Min. order quantity	Article number	EAN Code
Performance Face Covering S/M - 3pcs	S / M	3	1	**4932478865**	4058546361471
Performance Face Covering L/XL - 3pcs	L / XL	3	1	**4932478866**	4058546361488

Flexible knee pad

- Flexible, lightweight and comfortable foam padding.
- Water resistant cap.
- Debris guard to prevent debris from entering.
- Size adjustable straps for a custom fit.
- Buckles to quickly put on and off the knee pad.
- European Certified knee protectors: EN 14404 performance level 1.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flexible knee pad - 1 pair	1	1	**4932478136**	4058546340698

Hard knee pad

- Thick comfortable foam padding with a supporting gel zone.
- Durable hard cap which withstands rough surfaces.
- Size adjustable double straps for a better hold and a custom fit.
- Buckles with metal rivets that withstand repeated fastenings.
- 1680D Ballistic Nylon for a long lifetime.
- European Certified knee protectors: EN 14404 performance level 2.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Hard knee pad - 1 pair	1	1	**4932478137**	4058546340704

Premium non-marking knee pad

- High density foam padding with a supporting premium gel injection.
- Non-marking coating to prevent scratches on sensitive surfaces.
- Comfortable and size adjustable double straps with a wider lower strap.
- Buckles with metal rivets that withstand repeated fastenings.
- 1680D Ballistic Nylon for a long lifetime.
- European Certified knee protectors: EN 14404 performance level 1.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Premium non-marking knee pad - 1 pair	1	1	**4932478139**	4058546340728

Milwaukee®

SAFETY FOOTWEAR

ENERGY FOAM

ENERGY FOAM

Expanded TPU provides maximum energy return and comfort

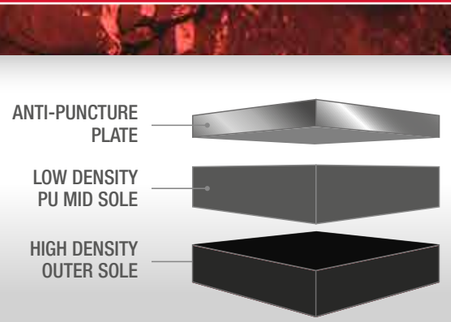
ANTI-PUNCTURE PLATE

Sits underneath ENERGY FOAM technology



VIEW THE MILWAUKEE® SAFETY FOOTWEAR RANGE

TYPICAL JOBSITE SAFETY FOOTWEAR



MILWAUKEE® ENERGY FOAM provides unmatched comfort in every step. With its unique construction, the premium expanded TPU foam sits above the anti-puncture plate allowing users to be in direct contact with the cushioning technology. Ensuring maximum energy return and comfort for all day use on the jobsite.

MILWAUKEE® SAFETY SHOES

TYPE





SHOE MODEL		MILWAUKEE® FLEXTRED™								
SHOE TYPE		Safety Trainer	Safety Trainer	Safety Boot	Safety Boot	Safety Trainer	Safety Trainer	Safety Boot	Safety Trainer	Safety Boot
LACING TYPE		Laces	BOA®	Laces	BOA®	Laces	BOA®	Laces	BOA®	Laces
COLOUR		Black	Black	Black	Black	Black	Black	Black	Black	Beige
UPPER MATERIAL		Textile	Textile	Textile	Textile	Nubuck Leather	Nubuck Leather	Nubuck Leather	Nubuck Leather	Nubuck Leather
SHOE SIZE		36-48	36-48	36-48	36-48	36-48	36-48	36-48	36-48	36-48
METAL FREE (EXCEPT BOA) / SUITABLE FOR SECURITY GATES		yes	yes	yes	yes	yes	yes	yes	yes	yes
SAFETY SHOE CLASS										
SAFETY SHOE CLASS		S1PS	S1PS	S1PS	S1PS	S3S	S3S	S3S	S3S	S3S
TOE CAP (MATERIAL)		Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
MANDATORY SLIP RESISTANCE (FORMERLY SRA)		✓	✓	✓	✓	✓	✓	✓	✓	✓
CLOSED HEEL		✓	✓	✓	✓	✓	✓	✓	✓	✓
A - ELECTROSTATIC DISCHARGE		✓	✓	✓	✓	✓	✓	✓	✓	✓
B - ENERGY ABSORBING UNDER THE HEEL			✓	✓	✓	✓	✓	✓	✓	✓
PUNCTURE PROTECTION / ANTIPUNCTURE PLATE	P - Metal	–	–	–	–	–	–	–	–	–
	PL - Non-Metal - (4.5 mm Test Nail)	–	–	–	–	–	–	–	–	–
	PS - Non-Metal - (3 mm Test Nail)	✓	✓	✓	✓	✓	✓	✓	✓	✓
WPA - WATER PENETRATION & ABSORPTION		–	–	–	–	✓	✓	✓	✓	✓
WR - WATER RESISTANCE (MEMBRANE)			–	–	–	–	–	–	–	–
ADDITIONAL REQUIREMENTS										
FO	Oil and Gasoline Resistance of the Outsole	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI	HI - Heat Insulation of the Shoe Base	–	–	–	–	–	–	–	–	–
CI	Cold Insulation of the Shoe	–	–	–	–	–	–	–	–	–
HRO	Short-term Heat Resistance of the Outsole Material up to 300°C	–	–	–	–	–	–	–	–	–
M	Metatarsal Protection	–	–	–	–	–	–	–	–	–
AN	Ankle Protection	–	–	–	–	–	–	–	–	–
SC	Abrasion Resistance of the Toe Cap Material	–	–	–	–	✓	✓	✓	✓	–
SR	Slip Resistance, tested on a ceramic tile with glycerin	✓	✓	✓	✓	✓	✓	✓	✓	✓
LG	Grip on Ladders through Transverse Inserted Profile (at least 1.5 mm high)	–	–	–	–	–	–	–	–	–
CR	Cut Resistance in the Area above the Sole Edge	–	–	–	–	–	–	–	–	–
ESD	Anti-Static	✓	✓	✓	✓	✓	✓	✓	✓	✓

MILWAUKEE® ARMOURTRED™				
Safety Trainer	Safety Boot	High Safety Boot	Safety Trainer	Safety Boot
Laces	Laces	Laces	BOA®	BOA®
Black	Black	Black	Black	Black
Leather	Leather	Microfiber	Microfiber	Microfiber
39-48	39-48	39-48	39-48	39-48
no	no	no	no	no
SAFETY SHOE CLASS				
S3S	S3S	S7S	S3S	S7S
Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
–	–	–	–	–
–	–	–	–	–
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
–	–	Sympatex ® Membrane	–	Sympatex ® Membrane
ADDITIONAL REQUIREMENTS				
✓	✓	✓	✓	✓
–	–	–	–	–
–	–	–	–	–
✓	✓	✓	✓	✓
–	–	–	–	–
–	–	✓	–	–
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
–	–	–	–	–
✓	✓	–	✓	



Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR



- Flexible and lightweight all-round safety trainers for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Textile upper for all-day ventilation and breathability.
- Reinforced front to protect toe cap from abrasion.
- Metal free construction to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S1PS ESD FO SR.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 36	1	1	**4932493688**	4058546508487
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 37	1	1	**4932493689**	4058546508494
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 38	1	1	**4932493690**	4058546508500
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 39	1	1	**4932493691**	4058546508517
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 40	1	1	**4932493692**	4058546508524
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 41	1	1	**4932493693**	4058546508531
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 42	1	1	**4932493694**	4058546508548
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 43	1	1	**4932493695**	4058546508555
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 44	1	1	**4932493696**	4058546508562
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 45	1	1	**4932493697**	4058546508579
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 46	1	1	**4932493698**	4058546508586
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 47	1	1	**4932493699**	4058546508593
Flextred™ S1PS Safety Trainers black 1L110133 ESD FO SR 48	1	1	**4932493700**	4058546508609

Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR



- Flexible and lightweight all-round safety trainers for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- BOA® Fit system. Strong and reliable speedlacing system for a perfect fit and a fast and effortless use even with gloves.
- Textile upper for all-day ventilation and breathability.
- Reinforced front to protect toe cap from abrasion.
- Metal free construction, except BOA® Fit System which still allows users to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 36	1	1	**4932498080**	4058546512408
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 37	1	1	**4932498081**	4058546512415
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 38	1	1	**4932498082**	4058546512422
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 39	1	1	**4932498083**	4058546512439
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 40	1	1	**4932498084**	4058546512446
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 41	1	1	**4932498085**	4058546512453
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 42	1	1	**4932498086**	4058546512460
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 43	1	1	**4932498087**	4058546512477
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 44	1	1	**4932498088**	4058546512484
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 45	1	1	**4932498089**	4058546512491
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 46	1	1	**4932498090**	4058546512507
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 47	1	1	**4932498091**	4058546512514
Flextred™ S1PS Safety Trainers black B1L110133 ESD FO SR 48	1	1	**4932498092**	4058546512521

Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR

- Flexible and lightweight all-round safety boots for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Textile upper for all-day ventilation and breathability.
- Reinforced front to protect toe cap from abrasion.
- Metal free construction to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S1PS ESD FO SR.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 36	1	1	**4932493701**	4058546508616
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 37	1	1	**4932493702**	4058546508623
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 38	1	1	**4932493703**	4058546508630
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 39	1	1	**4932493704**	4058546508647
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 40	1	1	**4932493705**	4058546508654
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 41	1	1	**4932493706**	4058546508661
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 42	1	1	**4932493707**	4058546508678
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 43	1	1	**4932493708**	4058546508685
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 44	1	1	**4932493709**	4058546508692
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 45	1	1	**4932493710**	4058546508708
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 46	1	1	**4932493711**	4058546508715
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 47	1	1	**4932493712**	4058546508722
Flextred™ S1PS Safety Boots black 1M110133 ESD FO SR 48	1	1	**4932493713**	4058546508739

Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR

- Flexible and lightweight all-round safety boots for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- BOA® Fit System delivers micro adjustable precision fit, engineered to perform in the toughest conditions.
- Textile upper for all-day ventilation and breathability.
- Reinforced front to protect toe cap from abrasion.
- Metal free construction, except BOA® Fit System which still allows users to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 36	1	1	**4932498093**	4058546512538
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 37	1	1	**4932498094**	4058546512545
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 38	1	1	**4932498095**	4058546512552
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 39	1	1	**4932498096**	4058546512569
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 40	1	1	**4932498097**	4058546512576
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 41	1	1	**4932498098**	4058546512583
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 42	1	1	**4932498099**	4058546512590
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 43	1	1	**4932498100**	4058546512606
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 44	1	1	**4932498101**	4058546512613
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 45	1	1	**4932498102**	4058546512620
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 46	1	1	**4932498103**	4058546512637
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 47	1	1	**4932498104**	4058546512644
Flextred™ S1PS Safety Boots black B1M110133 ESD FO SR 48	1	1	**4932498105**	4058546512651

Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR

- Flexible and lightweight all-round safety trainers for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Nubuck water repellent leather upper to protect from water, dust and dirt.
- Scuff cap for increased toe cap protection and durability.
- Metal free construction to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S3S ESD SC FO SR.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 36	1	1	**4932493714**	4058546508746
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 37	1	1	**4932493715**	4058546508753
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 38	1	1	**4932493716**	4058546508760
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 39	1	1	**4932493717**	4058546508777
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 40	1	1	**4932493718**	4058546508784
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 41	1	1	**4932493719**	4058546508791
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 42	1	1	**4932493720**	4058546508807
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 43	1	1	**4932493721**	4058546508814
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 44	1	1	**4932493722**	4058546508821
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 45	1	1	**4932493723**	4058546508838
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 46	1	1	**4932493724**	4058546508845
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 47	1	1	**4932493725**	4058546508852
Flextred™ S3S Safety Trainers black 1L110133 ESD SC FO SR 48	1	1	**4932493726**	4058546508869

Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR

- Flexible and lightweight all-round safety trainers for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- BOA® Fit system. Strong and reliable speedlacing system for a perfect fit and a fast and effortless use even with gloves.
- Nubuck water repellent leather upper to protect from water, dust and dirt.
- Scuff cap for increased toe cap protection and durability.
- Metal free construction, exceptBOA® Fit System which still allows users to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 36	1	1	**4932498106**	4058546512668
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 37	1	1	**4932498107**	4058546512675
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 38	1	1	**4932498108**	4058546512682
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 39	1	1	**4932498109**	4058546512699
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 40	1	1	**4932498110**	4058546512705
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 41	1	1	**4932498111**	4058546512712
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 42	1	1	**4932498112**	4058546512729
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 43	1	1	**4932498113**	4058546512736
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 44	1	1	**4932498114**	4058546512743
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 45	1	1	**4932498115**	4058546512750
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 46	1	1	**4932498116**	4058546512767
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 47	1	1	**4932498117**	4058546512774
Flextred™ S3S Safety Trainers black B1L110133 ESD SC FO SR 48	1	1	**4932498118**	4058546512781

Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR

- Flexible and lightweight all-round safety boots for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Nubuck water repellent leather upper to protect from water, dust and dirt.
- Scuff cap for increased toe cap protection and durability.
- Metal free construction to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S3S ESD SC FO SR.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 36	1	1	**4932493727**	4058546508876
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 37	1	1	**4932493728**	4058546508883
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 38	1	1	**4932493729**	4058546508890
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 39	1	1	**4932493730**	4058546508906
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 40	1	1	**4932493731**	4058546508913
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 41	1	1	**4932493732**	4058546508920
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 42	1	1	**4932493733**	4058546508937
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 43	1	1	**4932493734**	4058546508944
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 44	1	1	**4932493735**	4058546508951
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 45	1	1	**4932493736**	4058546508968
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 46	1	1	**4932493737**	4058546508975
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 47	1	1	**4932493738**	4058546508982
Flextred™ S3S Safety Boots black 1M110133 ESD SC FO SR 48	1	1	**4932493739**	4058546508999

Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR

- Flexible and lightweight all-round safety boots for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- BOA® Fit system. Strong and reliable speedlacing system for a perfect fit and a fast and effortless use even with gloves.
- Nubuck water repellent leather upper to protect from water, dust and dirt.
- Scuff cap for increased toe cap protection and durability.
- Metal free construction, except BOA® Fit System which still allows users to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 36	1	1	**4932498119**	4058546512798
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 37	1	1	**4932498120**	4058546512804
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 38	1	1	**4932498121**	4058546512811
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 39	1	1	**4932498122**	4058546512828
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 40	1	1	**4932498123**	4058546512835
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 41	1	1	**4932498124**	4058546512842
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 42	1	1	**4932498125**	4058546512859
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 43	1	1	**4932498126**	4058546512866
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 44	1	1	**4932498127**	4058546512873
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 45	1	1	**4932498128**	4058546512880
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 46	1	1	**4932498129**	4058546512897
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 47	1	1	**4932498130**	4058546512903
Flextred™ S3S Safety Boots black B1M110133 ESD SC FO SR 48	1	1	**4932498131**	4058546512910

Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR

- Flexible and lightweight all-round safety boots for tradesmen protection.
- ENERGY FOAM heel cushioning construction for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Nubuck water repellent leather upper to protect from water, dust and dirt.
- Metal free construction to conveniently pass through security gates.
- Superior grip to prevent slipping.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S3S ESD FO SR.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 36	1	1	**4932493740**	4058546509002
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 37	1	1	**4932493741**	4058546509019
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 38	1	1	**4932493742**	4058546509026
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 39	1	1	**4932493743**	4058546509033
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 40	1	1	**4932493744**	4058546509040
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 41	1	1	**4932493745**	4058546509057
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 42	1	1	**4932493746**	4058546509064
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 43	1	1	**4932493747**	4058546509071
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 44	1	1	**4932493748**	4058546509088
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 45	1	1	**4932493749**	4058546509095
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 46	1	1	**4932493750**	4058546509101
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 47	1	1	**4932493751**	4058546509118
Flextred™ S3S Safety Boots beige 1M171311 ESD FO SR 48	1	1	**4932493752**	4058546509125





Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR

NEW



- Durable and protective safety trainers for heavy duty jobsite protection.
- ENERGY FOAM heel cushioning system for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- SHOCKSHIELD front hammer for added protection and rubber reinforced outsole with strong studs for best grip in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Full grain cow leather upper to protect from water, dust and dirt and is easy to clean.
- Ladder grip sole area to climb up ladders safely.
- Scuff cap for increased toe cap protection and durability.
- Superior grip to prevent from slips.
- Heat Resistant outsole to 300°C.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S3S ESD CI HI HRO SC FO LG SR .

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 39	1	1	**4932493753**	4058546509132
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 40	1	1	**4932493754**	4058546509149
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 41	1	1	**4932493755**	4058546509156
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 42	1	1	**4932493756**	4058546509163
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 43	1	1	**4932493757**	4058546509170
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 44	1	1	**4932493758**	4058546509187
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 45	1	1	**4932493759**	4058546509194
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 46	1	1	**4932493760**	4058546509200
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 47	1	1	**4932493761**	4058546509217
Armourtred™ S3S Safety Trainers black 1L110111W ESD CI HI HRO SC FO LG SR 48	1	1	**4932493762**	4058546509224

Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR

NEW



- Durable and protective safety trainers for heavy duty jobsite protection.
- ENERGY FOAM heel cushioning system for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- SHOCKSHIELD front hammer for added protection and rubber reinforced outsole with strong studs for best grip in demanding terrain.
- BOA® Fit System delivers micro adjustable precision fit, engineered to perform in the toughest conditions.
- Microfiber light weight upper to protect from water, dust and dirt and is easy to clean.
- Ladder grip sole area to climb up ladders safely.
- Scuff cap for increased toe cap protection and durability.
- Heat Resistant outsole to 300°C.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S3S ESD CI HI HRO SC FO LG SR.

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 39	1	1	**4932493783**	4058546509439
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 40	1	1	**4932493784**	4058546509446
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 41	1	1	**4932493785**	4058546509453
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 42	1	1	**4932493786**	4058546509460
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 43	1	1	**4932493787**	4058546509477
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 44	1	1	**4932493788**	4058546509484
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 45	1	1	**4932493789**	4058546509491
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 46	1	1	**4932493790**	4058546509507
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 47	1	1	**4932493791**	4058546509514
Armourtred™ S3S Safety Trainers black B1L110111W ESD CI HI HRO SC FO LG SR 48	1	1	**4932493792**	4058546509521

Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR

NEW

- Durable and protective safety boots for heavy duty jobsite protection.
- ENERGY FOAM heel cushioning system for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- SHOCKSHIELD front hammer for added protection and rubber reinforced outsole with strong studs for best grip in demanding terrain.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Full grain cow leather upper to protect from water, dust and dirt and is easy to clean.
- Ladder grip sole area to climb up ladders safely.
- Scuff cap for increased toe cap protection and durability.
- Superior grip to prevent from slips.
- Heat Resistant outsole to 300°C.
- ESD (electrostatic discharge) certified.
- Certified according to EN ISO 20345:2022 S3S ESD CI HI HRO SC FO LG SR .



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 39	1	1	**4932493763**	4058546509231
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 40	1	1	**4932493764**	4058546509248
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 41	1	1	**4932493765**	4058546509255
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 42	1	1	**4932493766**	4058546509262
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 43	1	1	**4932493767**	4058546509279
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 44	1	1	**4932493768**	4058546509286
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 45	1	1	**4932493769**	4058546509293
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 46	1	1	**4932493770**	4058546509309
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 47	1	1	**4932493771**	4058546509316
Armourtred™ S3S Safety Boots black 1M110111W ESD CI HI HRO SC FO LG SR 48	1	1	**4932493772**	4058546509323

Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR

NEW

- Durable and protective safety boots for heavy duty jobsite protection.
- ENERGY FOAM heel cushioning system for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- SHOCKSHIELD front hammer for added protection and rubber reinforced outsole with strong studs for best grip in demanding terrain.
- BOA® Fit System delivers micro adjustable precision fit, engineered to perform in the toughest conditions.
- Sympatex® waterproof membrane to stay dry.
- Microfiber light weight upper to protect from water, dust and dirt and is easy to clean.
- Ladder grip sole area to climb up ladders safely.
- Scuff cap for increased toe cap protection and durability.
- Heat Resistant outsole to 300°C.
- Cold insulation of outsole complex.
- Certified according to EN ISO 20345:2022 S7S CI HI HRO SC FO LG SR .



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 39	1	1	**4932493793**	4058546509538
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 40	1	1	**4932493794**	4058546509545
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 41	1	1	**4932493795**	4058546509552
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 42	1	1	**4932493796**	4058546509569
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 43	1	1	**4932493797**	4058546509576
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 44	1	1	**4932493798**	4058546509583
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 45	1	1	**4932493799**	4058546509590
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 46	1	1	**4932493800**	4058546509606
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 47	1	1	**4932493801**	4058546509613
Armourtred™ S7S Safety Boots black B1M110111W CI HI HRO SC FO LG SR 48	1	1	**4932493802**	4058546509620

Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR

NEW

- Durable and protective safety boots for heavy duty jobsite protection.
- ENERGY FOAM heel cushioning system for superior energy return and maximum comfort.
- STEP-RELEASE™ heel for a convenient and rapid shoe removal.
- ROLLCAGE™ heel stabilizer for great stability even in demanding terrain.
- SHOCKSHIELD front hammer for added protection and rubber reinforced outsole with strong studs for best grip in demanding terrain.
- Sympatex® waterproof membrane to stay dry.
- Lace pocket for storing shoelaces to prevent unintentional opening, tripping hazards and lace damage.
- Full grain cow leather upper to protect from water, dust and dirt and is easy to clean.
- Ankle protectors for added durabiliy and protection.
- Ladder grip sole area to climb up ladders safely.
- Scuff cap for increased toe cap protection and durability.
- Heat Resistant outsole to 300°C.
- Cold insulation of outsole complex.
- Certified according to EN ISO 20345:2022 S7S CI HI AN HRO SC FO LG SR .



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 39	1	1	**4932493773**	4058546509330
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 40	1	1	**4932493774**	4058546509347
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 41	1	1	**4932493775**	4058546509354
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 42	1	1	**4932493776**	4058546509361
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 43	1	1	**4932493777**	4058546509378
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 44	1	1	**4932493778**	4058546509385
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 45	1	1	**4932493779**	4058546509392
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 46	1	1	**4932493780**	4058546509408
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 47	1	1	**4932493781**	4058546509415
Armourtred™ S7S Safety Boots black 1H110111W CI HI AN HRO SC FO LG SR 48	1	1	**4932493782**	4058546509422

ARMOURTRED™ Lace Replacement

- Replacement Lace suitable for all MILWAUKEE® ARMOURTRED™ safety footwear.
- 120cm suitable for all low cut versions sizes 39 - 48.
- 160cm suitable for all low cut versions sizes 39 - 48.
- 200cm suitable for all low cut versions sizes 39 - 48.
- Available in black colour.



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
ARMOURTRED™ Lace Replacement Black Low Cut 120 cm	Black	1	1	**4932501765**	4058546644819
ARMOURTRED™ Lace Replacement Black Mid Cut 160 cm	Black	1	1	**4932501766**	4058546644826
ARMOURTRED™ Lace Replacement Black Hi Cut 200 cm	Black	1	1	**4932501767**	4058546644833

FLEXTRED™ Lace Replacement

- Replacement Lace suitable for all MILWAUKEE® FLEXTRED™ safety footwear.
- 120cm suitable for all low cut versions sizes 36 - 48.
- 140cm suitable for all mid cut versions sizes 36 - 41.
- 160cm suitable for all mid cut versions sizes 42 - 48.
- Available in black and red colour.



Description	Colour	Pack quantity	Min. order quantity	Article Number	EAN Code
FLEXTRED™ Lace Replacement Red Low Cut 120 cm	Red	1	1	**4932501675**	4058546643911
FLEXTRED™ Lace Replacement Red Mid Cut 140 cm	Red	1	1	**4932501676**	4058546643928
FLEXTRED™ Lace Replacement Black Low Cut 120 cm	Black	1	1	**4932501672**	4058546643881
FLEXTRED™ Lace Replacement Black Mid Cut 140 cm	Black	1	1	**4932501673**	4058546643898
FLEXTRED™ Lace Replacement Black Mid Cut 160 cm	Black	1	1	**4932501674**	4058546643904
FLEXTRED™ Lace Replacement Red Mid Cut 160 cm	Red	1	1	**4932501677**	4058546643935

ARMOURTRED™ Insole Replacement

- Replacement Insole suitable for all MILWAUKEE® ARMOURTRED™ safety footwear.
- Ergonomic design for advanced stability in safety shoes.
- Foam cushioning in key areas to enhance comfort and reduce heel impact.
- ESD construction.
- Available sizes: 39-48.



Description	Shoe size (EU/UK)	Pack quantity	Min. order quantity	Article Number	EAN Code
ARMOURTRED™ Insole Replacement 39	39/6	1	1	**4932501340**	4058546640569
ARMOURTRED™ Insole Replacement 40	40/6.5	1	1	**4932501341**	4058546640576
ARMOURTRED™ Insole Replacement 41	41/7	1	1	**4932501342**	4058546640583
ARMOURTRED™ Insole Replacement 42	42/8	1	1	**4932501343**	4058546640590
ARMOURTRED™ Insole Replacement 43	43/9	1	1	**4932501344**	4058546640606
ARMOURTRED™ Insole Replacement 44	44/10	1	1	**4932501345**	4058546640613
ARMOURTRED™ Insole Replacement 45	45/10.5	1	1	**4932501346**	4058546640620
ARMOURTRED™ Insole Replacement 46	46/11	1	1	**4932501347**	4058546640637
ARMOURTRED™ Insole Replacement 47	47/12	1	1	**4932501348**	4058546640644
ARMOURTRED™ Insole Replacement 48	48/13	1	1	**4932501349**	4058546640651

FLEXTRED™ Insole Replacement

- Replacement Insole suitable for all MILWAUKEE® FLEXTRED™ safety footwear.
- Ergonomic design for advanced stability in safety shoes.
- Foam cushioning in key areas to enhance comfort and reduce heel impact.
- ESD construction.
- Available sizes: 36-48.



Description	Shoe size (EU/UK)	Pack quantity	Min. order quantity	Article Number	EAN Code
FLEXTRED™ Insole Replacement 36	36/3	1	1	**4932501324**	4058546640408
FLEXTRED™ Insole Replacement 41	41/7	1	1	**4932501329**	4058546640453
FLEXTRED™ Insole Replacement 42	42/8	1	1	**4932501330**	4058546640460
FLEXTRED™ Insole Replacement 43	43/9	1	1	**4932501331**	4058546640477
FLEXTRED™ Insole Replacement 44	44/10	1	1	**4932501332**	4058546640484
FLEXTRED™ Insole Replacement 45	45/10.5	1	1	**4932501333**	4058546640491
FLEXTRED™ Insole Replacement 46	46/11	1	1	**4932501334**	4058546640507
FLEXTRED™ Insole Replacement 47	47/12	1	1	**4932501335**	4058546640514
FLEXTRED™ Insole Replacement 48	48/13	1	1	**4932501336**	4058546640521
FLEXTRED™ Insole Replacement 37	37/4	1	1	**4932501325**	4058546640415
FLEXTRED™ Insole Replacement 38	38/5	1	1	**4932501326**	4058546640422
FLEXTRED™ Insole Replacement 39	39/6	1	1	**4932501327**	4058546640439
FLEXTRED™ Insole Replacement 40	40/6.5	1	1	**4932501328**	4058546640446





PACKOUT™

MOST VERSATILE DURABLE
MODULAR STORAGE SYSTEM









SCAN NOW TO VIRTUALLY BUILD YOUR PACKOUT™ SYSTEMS

PACKOUT™ 3 piece set

- 1 x PACKOUT™ trolley box
- 1 x PACKOUT™ large box
- 1 x PACKOUT™ box



Contents	Pack quantity	Min. order quantity	Article Number	EAN Code
1 x PACKOUT™ trolley box, 1 x PACKOUT™ large box, 1 x PACKOUT™ box	3	1	**4932464244**	4058546221898

PACKOUT™ transportation kit

- 1 x PACKOUT™ customisable work surface
- 1 x PACKOUT™ 2 drawer tool box
- 1 x PACKOUT™ 3 drawer tool box
- 1 x PACKOUT™ flat trolley



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ transportation kit	972 x 620 x 480	4	1	**4932492892**	4058546477639

PACKOUT™ starter set

- 1 x PACKOUT™ trolley box
- 1 x PACKOUT™ 2-drawers tool box
- 1 x PACKOUT™ slim organiser



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ starter set	3	1	**4932479957**	4058546377519

PACKOUT™ rolling drawer

- Access your tools without unstacking boxes on top.
- Constructed with impact resistant polymers for jobsite durability.
- 113 kg weight capacity on top.
- 68 kg weight capacity inside.
- Metal reinforced corners for extra durability.
- Robust 228 mm all terrain wheels.
- Divider set and tray included for extra internal organisation.
- Side Mount Tool Box Attachments fit on the metal bars.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ rolling drawer	665 x 570 x 480	1	1	**4932498651**	4058546525200

Master Mechanics PACKOUT™ set

- Fully equipped PACKOUT™ filled with essential tools, neatly placed in foam inserts for best organization.
- FOUR FLAT™ sides on socket deter rolling and provide a wrench-ready design.
- 90 Tooth count ratchet design with 4° of arc swing for tight work spaces.
- MAX BITE™ combination spanner up to 25% more torque for better grip on rounded bolts.
- 144 Tooth ratcheting combination spanners teeth provide a 2.5° arc swing allowing access in tighter spaces.
- PACKOUT™ most versatile, durable modular storage system.
- Each filled box is also available individually for maximum flexibility.

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	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**76 pc Filled PACKOUT™ Screwdrivers, Pliers and Hammers Set**	76	1		
	6pc Demolition Set PACKOUT™ Foam Insert (4932501875), 44pc Screwdriver and Circlippler Set PACKOUT™ Foam Insert (4932501876), 17pc Hook and Pick Set PACKOUT™ Foam Insert (4932501877), 9pc Plier Set PACKOUT™Foam Insert (4932501878)			**4932501866**	4058546645823
②	**244 pc FilledPACKOUT™ 1/4", 3/8" and 1/2" Drive Ratchets and Sockets Set**	244	1		
	68pc ¼" Ratchet and Socket Set PACKOUT™ Foam Insert (4932501867), 67pc 3/8" Ratchet and Socket Set PACKOUT™ Foam Insert (4932501868), 42pc ½" Socket Set PACKOUT™ Foam Insert (4932501869), 67pc ½" Ratchet and Bit Socket Set PACKOUT™ Foam Insert (4932501870)			**4932501864**	4058546645809
③	**62 pc Filled PACKOUT™ Spanners Set**	62	1		
	19pc MAX BITE Combination Spanner Set PACKOUT™ Foam Insert (4932501871), 17pc MAX BITE Ratcheting Combination Spanner Set PACKOUT™ Foam Insert (4932501872), 12pc Double Ring Offset Spanner Set PACKOUT™ Foam Insert (4932501873), 14pc Double Open End Spanner Set PACKOUT™ Foam Insert (4932501874)			**4932501865**	4058546645816
④	**382 Master Mechanics PACKOUT™ Hand Tool set**	382	1		
	244pc Filled PACKOUT™ 1/4, 3/8 and 1/2 Drive Ratchets and Sockets (4932501864), 62pc Filled PACKOUT™Spanners (4932501865), 76pc Filled PACKOUT™ Screwdrivers, Pliers and Hammers Set (4932501866), PACKOUT™Flat Trolley (4932471068), PACKOUT™ Customisable Work Surface (4932472128), PACKOUT™ Side Mount Hand Tool Holder (4932498644), PACKOUT™Side Mount Tray (4932498647), SHOCKWAVE™ IMPACT DUTY bit set (48 pc) (4932492005)			**4932501863**	4058546645793

PACKOUT™ trolley box

- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- 113 kg weight capacity.
- Industrial grade extension handle.
- Oversized Ø 228 mm all terrain wheels.
- IP65 rated weather seal to keep out rain and jobsite debris.
- Metal reinforced corners.
- Metal reinforced locking point.
- Interior organiser tray.
- Mounting location for the ONE-KEY™ TICK™.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ trolley box	650 x 561 x 472	1	1	**4932464078**	4058546220235







PACKOUT™ rolling tool chest

- Dual Stack Top allows to transport 2 PACKOUT™ stacks onto the jobsite.
- 23 cm all-terrain wheels for easy rolling through rough jobsite terrain.
- Industrial grade extension handle supports up to 113 kg.
- Protective lid seal helps prevent damage to the tools from water and jobsite debris.
- Extra storage capacity for large tools and jobsite materials.
- Constructed with impact resistant polymers for jobsite durability.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ rolling tool chest	401 x 965 x 609	1	1	**4932478161**	4058546340940







PACKOUT™ 2 wheeled cart

- 2 integrated PACKOUT™ mounting locations for additional storage options.
- Integrated holder for longer tools, such as levels.
- 180 kg weight capacity.
- 25 cm in-board wheels easily roll through doorways.
- Folding base plate for easy storage.
- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ 2 wheeled cart	290 x 1200 x 510	1	1	**4932472131**	4058546325275







PACKOUT™ flat trolley

- 113kg weight capacity.
- Durable casters to easily roll with heavy load on a jobsite.
- Includes 1 locking brake and 2 side locks to stop the trolley and easily connect the PACKOUT™ boxes and bags.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ flat trolley	193 x 620 x 480	1	1	**4932471068**	4058546286965







PACKOUT™ boxes

- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- IP65 rated weather seal to keep out rain and jobsite debris.
- Metal reinforced corners.
- Metal reinforced locking point.
- Interior organiser trays.
- Mounting location for the ONE-KEY™ TICK ™.
- Metal reinforced top handle for easier carrying (only on the large box).

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Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① PACKOUT™ large box	282 x 561 x 411	1	1	**4932464079**	4058546220242
② PACKOUT™ box	165 x 561 x 411	1	1	**4932464080**	4058546220259

PACKOUT™ XL tool box

- Extra storage capacity for large power tools, such as band saws, angle grinders and hammers.
- 45 kg total weight capacity.
- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- IP65 rated weather seal to keep out rain and jobsite debris.
- Metal reinforced corners.
- Interior organiser tray for smaller accessories.
- Mounting location for the ONE-KEY™ TICK ™.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ XL tool box	422 x 554 x 394	1	1	**4932501784**	4058546645007

PACKOUT™ drawer tool boxes

- Easy access to stored items, even with other PACKOUT™ boxes stacked on top.
- Steel ball bearing slides support up to 11 kg of weight per drawer.
- Quick-Adjust Dividers in each drawer to fully customise the layout for better organisation.
- Locking security bar prevents an unwanted opening of drawers during transit.
- Allows to lock the drawers with a padlock for theft protection.
- Constructed with impact resistant polymers and metal reinforced corners for jobsite durability.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ 4 drawer tool box	363 x 564 x 414	1	1	**4932493189**	4058546480608
PACKOUT™ 2 drawer tool box	363 x 564 x 414	1	1	**4932472129**	4058546325251
PACKOUT™ 3 drawer tool box	363 x 564 x 414	1	1	**4932472130**	4058546325268
PACKOUT™ 2+1 drawer tool box	363 x 564 x 414	1	1	**4932493190**	4058546480615

PACKOUT™ cabinet

- Stacks on PACKOUT™ boxes.
- Hangs on PACKOUT™ Wall Mounting Plates.
- Secure stacking and hanging due to lock mechanism on bottom and rear.
- Front door to easy access stored tools and items inside. Door can be slided into the box to make access easy and comfortable.
- Weight capacity: 22 kg.
- Constructed with impact resistant material.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ cabinet	381 x 508 x 381	1	1	**4932480623**	4058546409081



PACKOUT™ organisers

- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- The interior features 10 removable & mountable bins that can be mounted onto common jobsite materials for easy access.
- IP65 rated weather seal to keep out rain and jobsite debris.
- No-travel bins seals to prevent the bins contents from migrating between bins during transport.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ organiser	117 x 500 x 386	1	1	**4932464082**	4058546220273



PACKOUT™ compact organiser

- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- The interior features 5 removable & mountable bins that can be mounted onto common jobsite materials for easy access.
- IP65 rated weather seal to keep out rain and jobsite debris.
- No-travel bins seals to prevent the bins contents from migrating between bins during transport.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ compact organiser	117 x 249 x 386	1	1	**4932464083**	4058546220280



PACKOUT™ slim organiser

- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- Interior features 2 large bins and 8 small bins. All bins contain dividers.
- No travel bin seals to prevent the bins contents from migrating between bins during transportation.
- IP 65 rated weather seal to keep out rain and jobsite debris.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ slim organiser	64 x 500 x 414	1	1	**4932471064**	4058546286927



PACKOUT™ compact slim organiser

- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- Interior features 1 large bin and 4 small bins. All bins contain dividers.
- No travel bin seals to prevent the bins contents from migrating between bins during transportation.
- IP 65 rated weather seal to keep out rain and jobsite debris.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ compact slim organiser	64 x 249 x 411	1	1	**4932471065**	4058546286934



PACKOUT™ deep organiser

- 50% higher than the standard PACKOUT™ organiser - ideal to store tools, batteries, chargers, larger fittings and other equipment.
- Quick Adjust Dividers allow users to customise storage to their needs.
- 22 kg total weight capacity.
- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.
- IP 65 rated weather seal to keep out rain and jobsite debris.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ deep organiser	178 x 507 x 386	1	1	**4932478625**	4058546348182



PACKOUT™ tip bin organiser

NEW

- Constructed with impact resistant polymers for jobsite durability.
- Features 8 small and 2 large transparent bins.
- Bins can be tipped and taken out completely.
- Inside weight capacity 22.7 kg.
- Ergonomic handle for comfortable hold and transport.
- Stores small items like screws, bits, nails, washers, markers, knives.
- Hangs on the wall mounting plates and can be stacked on other PACKOUT™.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ tip bin organiser	170 x 500 x 386	1	1	**4932498323**	4058546521929

Large bin for PACKOUT™ tip bin organiser

- Transparent bin to fit into PACKOUT™ tip bin organiser.
- Includes removable divider.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Large bin for PACKOUT™ tip bin organiser	1	1	**4932500137**	4058546573010

PACKOUT™ crate

- Versatile stacking options: vertical and horizontal.
- 22 kg weight capacity.
- Large storage capacity for all kind of tools.
- Other PACKOUT™ products can be stacked on top of the crate.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ crate	251 x 475 x 389	1	1	**4932471724**	4058546296230

PACKOUT™ compact tool box

- Quick-Adjust Dividers allow users to store and organize larger equipment and accessories, such as fittings, connectors or caulk.
- Enough storage capacity to fit power tools like circular saws, grinders, drill drivers.
- 34 kg weight capacity.
- Constructed with impact resistant polymers for jobsite durability.
- IP 65 rated weather seal to keep out rain and jobsite debris.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ compact tool box	330 x 249 x 411	1	1	**4932471723**	4058546292232

PACKOUT™ hard cooler

- Double premium insulation keeps contents cold for up to 30 hours.
- IP 65 Food Grade Leak-Proof Liner prevents leakages and protects contents from debris and dust.
- Integrated bottle opener.
- Removable tray for separate storage of personal items to keep them elevated above icy water.
- 15 l capacity.
- Constructed with impact resistant polymers for jobsite durability.
- Part of the PACKOUT™ modular storage system



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ hard cooler	330 x 249 x 411	1	1	**4932471722**	4058546296216







PACKOUT™ XL cooler

- Double premium insulation keeps contents cold for up to 5 days.
- IP 65 Food Grade Leak-Proof Liner prevents leakages and protects contents from debris and dust.
- 38 l capacity.
- Removable tray for separate storage of personal items to keep them elevated above icy water.
- Integrated bottle opener.
- Constructed with impact resistant polymers for jobsite durability.
- Part of the PACKOUT™modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ XL cooler	432 x 584 x 406	1	1	**4932478648**	4058546348410







PACKOUT™ 38 cm closed tote tool bag

- Highest durability due to 1680D and 1800D ballistic material.
- Layering of fabrics increase the durability and performance.
- Reinforced edges, metal rings and springs for longest lifetime.
- 65 pockets for best organisation of tools.
- Shoulder strap and ergonomic carry handle.
- Holder for duct tapes for easy access.
- Molded PACKOUT™ base protects against humidity and debris.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ 38 cm closed tote tool bag	510 x 460 x 260	1	1	**4932493623**	4058546484941





PACKOUT™ pro tote toolbag

- Highest durability due to 1680D and 1800D ballistic material.
- Layering of fabrics increase the durability and performance.
- Reinforced edges, metal rings and springs for longest lifetime.
- 22.7 kg weight capacity.
- Numerous pockets for best organisation of tools.
- Shoulder strap and ergonomic carry handle.
- Holder for duct tapes for easy access.
- Molded PACKOUT™ base protects against humidity and debris.
- Part of the PACKOUT™ modular storage system.

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	Description	Type	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ 38 cm pro tote toolbag	35 internal and external pockets for best organisation.	460 x 440 x 270	1	1	**4932498634**	4058546525033
②	PACKOUT™ 25 cm pro tote toolbag	39 internal and external pockets for best organisation.	480 x 380 x 230	1	1	**4932493622**	4058546484934





PACKOUT™ structured backpack

- Highest durability due to 1680D and 1800D ballistic material.
- 42 pockets for best organisation of tools.
- 22.7 kg weight capacity.
- Best comfort due to cushioned back pad and shoulder straps.
- Ergonomic carry handle, lays down flat to save space.
- Molded PACKOUT™ base protects against humidity and debris.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ structured backpack	630 x 430 x 230	1	1	**4932498633**	4058546525026





PACKOUT™ tote toolbag

- Part of the PACKOUT™ modular storage system.
- 1680 ballistic material construction.
- Impact resistant molded base.
- All metal hardware.
- Durable overmolded handle.



	Description	Dimensions (Outer) (H x W x D / mm)	No. of pockets	Pack quantity	Min. order quantity	Article Number	EAN Code
①	25 cm tote toolbag	300 x 250 x 320	28	1	1	**4932464084**	4058546220297
②	40 cm tote toolbag	250 x 400 x 430	31	1	1	**4932464085**	4058546220303
③	50 cm tote toolbag	280 x 500 x 430	32	1	1	**4932464086**	4058546220310

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PACKOUT™ duffel bag

- Part of the PACKOUT™ modular storage system.
- Made from 1680D Ballistic Material for jobsite durability.
- Impact resistant polymer base protects contents from water, dirt and tear.
- Large storage capacity for larger tools.
- Cushioned shoulder strap, top and side handles for flexible carry.



	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	38 cm PACKOUT™ duffel bag	427 x 381 x 254	1	1	**4932471066**	4058546286941
②	50 cm PACKOUT™ duffel bag	427 x 508 x 279	1	1	**4932471067**	4058546286958



PACKOUT™ tech bag

- Part of the PACKOUT™ modular storage system.
- Made from 1680D ballistic material for jobsite durability.
- 58 total pockets. Hardshell protected instrument pocket.
- Secure and protected storage for laptops and tablets.
- Impact resistant polymer base protects contents from water, dirt and tear.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ tech bag	432 x 432 x 279	1	1	**4932471130**	4058546287580



PACKOUT™ backpack

- Part of the PACKOUT™ modular storage system.
- Made from 1680D ballistic material for jobsite durability.
- 48 total pockets including a hard-shell protected instrument pocket.
- Extra back padding, chest strap, attachment strap for rolling bags and heavy duty harness for ultimate jobsite comfort.
- Impact resistant polymer base protects contents from water and dirt and also allows backpack to stand up.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ backpack	508 x 381 x 292	1	1	**4932471131**	4058546287597



PACKOUT™ jobsite cooler

- Part of the PACKOUT™ modular storage system.
- 20l volume capacity with a dry compartment and a storage space for drinks.
- Extra insulation keeps contents cold for 24 hours.
- Impact resistant polymer base protects contents from water, dirt, and tear.
- Shoulder strap for easy transport.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ jobsite cooler	406 x 394 x 254	1	1	**4932471132**	4058546287603



PACKOUT™ racking system

- E-Track mounting rails can be mounted on the wall in vehicles, shops or garages for ultimate versatility.
- Quick release design for easy mounting, height adjustment and removal of the shelves.
- Each shelf supports up to 22 kg of weight.
- Metal reinforced frame.
- Impact resistant polymer construction.
- Part of the PACKOUT™ modular storage system.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① PACKOUT™ racking system kit (2 shelves + E-track)	508 x 546 x 447	4	1	**4932472127**	4058546325237
② PACKOUT™ racking system - single shelf	99 x 533 x 422	1	1	**4932478711**	4058546349042
③ Vertical E-track for PACKOUT™ racking system 50 cm	25 x 90 x 508	2	1	**4932478996**	4058546362782

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PACKOUT™ mounting plates

- Multiple mounting configurations.
- Turn PACKOUT™ into stationary shop storage.
- Connects to all MILWAUKEE® PACKOUT™ modular storage.
- Constructed with impact resistant polymers for highest durability.
- Metal reinforced mounting points for carrying high weights.
- Organise your shop together with PACKOUT™ boxes and wall accessories.

Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① PACKOUT™ mounting plate	28 x 594 x 467	1	1	**4932471638**	4058546295370
② PACKOUT™ compact mounting plate	25 x 254 x 508	1	1	**4932480621**	4058546409067
③ PACKOUT™ XL mounting plate	25 x 762 x 508	1	1	**4932480622**	4058546409074

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PACKOUT™ tool box side mount attachments

- Hang on the side of PACKOUT™ to increase storage possibilities.
- Impact resistant material.
- Part of the PACKOUT™ modular storage system.

Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① PACKOUT™ side mount adapter (2 pack)	52 x 122 x 45	2	1	**4932498643**	4058546525125
② PACKOUT™ side mount hand tool holder	154 x 294 x 120	1	1	**4932498644**	4058546525132
③ PACKOUT™ side mount M18™ battery rack	135 x 292 x 68	1	1	**4932498645**	4058546525149
④ PACKOUT™ side mount M12™ battery rack	123 x 292 x 95	1	1	**4932498646**	4058546525156
⑤ PACKOUT™ side mount tray	125 x 294 x 140	1	1	**4932498647**	4058546525163
⑥ PACKOUT™ side mount mounting plate	240 x 420 x 68	1	1	**4932498648**	4058546525170
⑦ PACKOUT™ side mount long tool holder	upper part: 122 x 293 x 93; lower part: 156 x 360 x 115	1	1	**4932498649**	4058546525187
⑧ PACKOUT™ side mount 3-hook rail	120 x 290 x 110	1	1	**4932498650**	4058546525194

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PACKOUT™ customisable work surface

- Marine grade plywood top provides smooth surface for light assembly work, writing, sketching or working on a laptop.
- Fastener-ready surface allows for easy mounting of common jobsite materials and larger tools on top of a PACKOUT™ stack.
- 22 kg weight capacity.
- Part of the PACKOUT™ modular storage system.
- Constructed with impact resistant polymers for jobsite durability.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ customisable work surface	53 x 607 x 389	1	1	**4932472128**	4058546325244







PACKOUT™ tool tray

- Flexible additional organisation.
- Modular connectivity with PACKOUT™ components: stack on and store in other PACKOUT™ Tool Boxes.
- Fits inside of: PACKOUT™ Large Box, PACKOUT™ Trolley Box, PACKOUT™ XL Tool Box, PACKOUT™ Rolling Tool Chest.
- Top carry handle allows easy transport.
- Includes Quick-Adjust-Dividers for custom storage layouts.
- 11 kg weight capacity.
- Part of the PACKOUT™ modular storage system.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ tool tray	127 x 503 x 297	1	1	**4932480625**	4058546409104

PACKOUT™ crate divider

- Separates the PACKOUT™ Crate into multiple storage zones.
- The back wing allows half width PACKOUT™ products to sit on top of the Crate.
- Mounting holes for the attachment of chargers and other items.
- Part of the PACKOUT™ modular storage system.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ crate divider	234 x 330 x 94	1	1	**4932480624**	4058546409098

PACKOUT™ adaptor HD box

- Heavy duty boxes adaptor for PACKOUT™ system.
- Fits on top of PACKOUT™ boxes.
- Enables to carry heavy duty boxes on top of PACKOUT™ boxes for the most versatile storage solution.
- Made of impact resistant material.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ adaptor HD box	117 x 500 x 386	1	1	**4932464081**	4058546220266

PACKOUT™ foam inserts

- Fully customisable - foam Insert allows you to fully customise your storage by cutting out custom pockets to securely store and protect your tools.
- Durable construction provides increased protection for tools.
- Optimised storage - allows easy access to the tools.
- Ref. 4932471428: Designed to fit in two PACKOUT™ boxes - tool box (4932464080) & large tool box (4932464079).
- Ref. 4932471927: Designed to fit in the PACKOUT™ trolley box (4932464078).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ foam insert	2	1	**4932471428**	4058546290566
PACKOUT™ trolley foam insert	1	1	**4932471927**	4058546298265
Foam insert for PACKOUT™ drawer tool boxes	2	1	**4932479157**	4058546369514



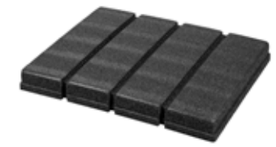






Slim foam insert for PACKOUT™ drawer tool boxes

- Fully customisable - foam insert allows you to fully customise your storage by cutting out custom shapes to securely store and protect your tools.
- Customise your foam insert in 4 easy steps:
- 1. Trace the shape of the product with an INKZALL™ marker.
- 2. Use a snap knife to cut the outline.
- 3. Peel out the layers of the foam to a desired depth.
- 4. Place the tool in the foam insert.
- Ref. 4932493993 contains 2 pieces of foam. 1 piece of foam fits the height of the drawers of the 4-drawer tool box (4932493189) and the slim drawer of the 2+1 drawer tool box (4932493190); 2 pieces of foam fit the height of the large drawer of the 2+1 drawer tool box (4932493190).



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Slim foam insert for PACKOUT™ drawer tool boxes	91 x 414 x 318	2	1	**4932493993**	4058546511531

PACKOUT™ inserts

- Removable inserts for PACKOUT™ boxes and organisers.
- Ref. 4932478298: Organisation tray designed to fit PACKOUT™ trolley box (4932464078) and large box (4932464079).
- Ref. 4932478299: Set of organisation trays designed to fit PACKOUT™ box (4932464080).
- Ref. 4932478300: Set of organisation boxes designed to fit PACKOUT™ organiser (4932464082) and compact organiser (4932464083).
- Ref. 4932478301: Set of organisation boxes designed to fit PACKOUT™ slim organiser (4932471064) and compact slim organiser (4932471065).

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Removable tray for PACKOUT™ trolley box and large box	1	1	**4932478298**	4058546344757
②	Removable trays for PACKOUT™ box	4	1	**4932478299**	4058546344764
③	Removable bins for PACKOUT™ slim organiser and compact slim organiser	5	1	**4932478301**	4058546344788
④	Removable bins for PACKOUT™ organiser and compact organiser	5	1	**4932478300**	4058546344771
⑤	Drawer dividers for PACKOUT™ 3 drawer tool box	8	1	**4932479104**	4058546368982
⑥	Drawer dividers for PACKOUT™ 2 drawer tool box	8	1	**4932479105**	4058546368999

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MAX BITE™ spanner and plier set PACKOUT™ foam insert

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- Ink-filled labels for clear visibility.
- Water pump plier with V-groove jaws with profile for firmer grip, more precise fit and reduced slipping.
- Precision machined joint for maximum power transmission with optimum leverage for easy and effortless work.
- Fits perfectly into the PACKOUT™Drawer Tool Boxes.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
MAX BITE™ spanner and plier set PACKOUT™ foam insert 19 pc	19	1	**4932493339**	4058546482107

8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm and 22 mm combination spanner; 205mm long nose plier, 160mm diagonal cutter, 180mm water pump plier, 150mm adjustable wrench

10pc PACKOUT™ drawer insulated electrician foam insert set

- Tested to 10,000 volts and guaranteed to 1,000 volts.
- Optimum leverage for easy and effortless work.
- Up to 60% less power required when cutting.
- Slim insulated coating for electrical applications in tight spaces.
- Tri-Lobe handle for maximum torque turning power.
- Anti roll handle.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
10pc PACKOUT™ drawer insulated electrician foam insert set	10	1	**4932493637**	4058546485085

VDE Wire Stripping Plier 160mm (4932464573); VDE Long Round Nose Plier (4932464564); VDE Diagonal Cutter 160mm (4932464567); VDE Combination Plier 180mm (4932464572); TRILOBE VDE SCREWDRIVER SLOTTED 0.5 X 3 X 100 (4932478713); Voltage Tester (4932478719); TRI-LOBE VDE Screwdriver PZ 1x80mm (4932478725); PZ 2x100mm (4932478726);TRI-LOBE VDE SCREWDRIVER SLOTTED 0.8 X 4 X 100 (4932478715); 1.0 X 5.5 X 125 (4932478716)



10pc PACKOUT™ drawer screwdriver & plier foam insert set

- High torque ergonomic tri-lobe handle design is optimised for maximum user comfort and ideal for high torque applications.
- Permanent visual driver identification allows users to easily identify the correct driver type from multiple orientations.
- Hardened magnetic tips deliver maximum durability and fastener retention.
- Maximum power transmission for optimum leverage for easy and effortless work.
- Soft touch head design due to rounded edges to prevent hand injuries.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
10pc PACKOUT™ drawer screwdriver & plier foam insert set	10	1	**4932493638**	4058546485092

Adjustable Water Pump Plier 250mm (4932492459); Combination Plier 180mm (4932492462); Long Nose Pliers 205mm (4932492465); Diagonal Cutting Plier 160mm (4932492463); TRI-LOBE SCREWDRIVER PZ1 x 100 (4932471791); PZ2 x 125 (4932471793); TRI-LOBE SCREWDRIVER SL 0.5x3x75 (4932471775); SL 0.8x4x100 (4932471778); SL 1.0x5.5x125 (4932471779); SL 1.2x6.5x125 (4932471781)



8pc PACKOUT™ drawer plumbing foam insert set

- Water pump plier: double toothed jaw for maximum grip and induction hardened teeth with self-locking serration.
- Pliers: induction hardened cutting edges for longest lifetime.
- Hacksaw: tool free blade change for changing blades up to 10x faster.
- Mini copper tubing cutter: chrome rollers for added durability and extended performance.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
8pc PACKOUT™ drawer plumbing foam insert set	8	1	**4932493639**	4058546485108

Adjustable Water Pump Plier 250mm (4932492459); Long Nose Pliers 205mm (4932492465); Diagonal Cutting Plier 160mm (4932492463); Reaming Pen (48224255); Compact Torpedo (4932472122); Compact Hacksaw (48220012); Constant Swing Copper Tubing Cutter 42mm (48229252); Mini Copper Tubing Cutter 22 mm (48229258)

55pc PACKOUT™ drawer 3/8" ratchet and ratcheting combination spanner foam insert set

- Ratcheting mechanism with 90 tooth count and 4° arc swing (more work in tight spaces).
- Sockets offer four flat sides for anti-roll, wrench-readyness and better grip for hand tightening.
- Ratchet offers 2.5° arc swing and 144 tooth count for better functionality in tight spaces.
- Spanners offer MAXBITE™ open-end grip with up to 25% more torque and better grip on rounded bolts.
- Foldable hex and torx keys enable easy access & storage solution.
- Ergonomic handle provides comfortable and secure grip.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
55pc PACKOUT™ drawer 3/8“ ratchet and ratcheting combination spanner foam insert set	55	1	**4932493640**	4058546485115

Metric 3/8˝ Ratchet + Socket Set 32pc (4932464945); MAX BITE™ Ratcheting Metric Combination Spanner Set 7pc (4932464993); 8pc Metric Folding Hex Key Set (4932480978); 8pc Folding Torx Key Set (4932480979)

6pc PACKOUT™ drawer woodworking foam insert set

- All metal core for maximum durability.
- Striking metal end cap for longer handle life.
- SHOCKSHIELD™ grip reduces peak vibration, helps reduce fatigue and offers best-in-class grip durability.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
6pc PACKOUT™ drawer woodworking foam insert set	6	1	**4932493641**	4058546485122

1/4“ Beveled Edge Chisel (4932479892); 1/2“ Beveled Edge Chisel (4932479893); 3/4“ Beveled Edge Chisel (4932479894); 1“ Beveled Edge Chisel (4932479895); 10in Trim Puller (4932478252); Steel RIP Claw Hammer 16oz/450g (4932478653)

4pc PACKOUT™ drawer cutting & measuring foam insert set

- Tool free blade change of the hacksaw for changing blades up to 10x faster.
- Up to 4x more durable metal lock on snap knife for longest lifetime.
- Tape with anti-tear coating at the first 15cm of the blade enables highest durability.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
4pc PACKOUT™ drawer cutting & measuring foam insert set	4	1	**4932493642**	4058546485139

Set Hacksaw 300mm (48220050); Snap Knife 18 mm (48221961); Mag Tape 5/27 (4932464599); INKZALL™ Marker Black (48223100)

8pc PACKOUT™ drawer pliers foam insert set

- Maximum power transmission for optimum leverage for easy and effortless work.
- Soft touch head design due to rounded edges to prevent hand injuries.
- Double toothed jaw for maximum grip and induction hardened teeth with self-locking serration.
- Curved box joints enable larger gripping capacity.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.





Description	Pack quantity	Min. order quantity	Article Number	EAN Code
8pc PACKOUT™ drawer pliers foam insert set	8	1	**4932493643**	4058546485146

Adjustable Water Pump Plier 180mm (4932492458); Adjustable Water Pump Plier 250mm (4932492459); Adjustable Water Pump Plier 300mm (4932492460); Combination Plier 165mm (4932492461); Combination Plier 180mm (4932492462); Long Nose Plier 205mm (4932492465); Diagonal Cutting Plier 160mm (4932492463); HD Diagonal Cutting Plier 200mm (4932492464)

17pc PACKOUT™ drawer precision screwdriver foam insert set

- All metal core for up to 4x stronger for jobsite toughness.
- Longer shanks for more visibility & reach.
- 360° rotating back caps for more control.
- Precision machined bit tips offer for secure fit and longest lifetime.
- Chrome plated shanks increase tool life by reducing corrosion.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
17pc PACKOUT™ drawer precision screwdriver foam insert set	17	1	**4932493644**	4058546485153

Precision Screwdriver Set 6pc (PH00/PH0/SL1.6/SL2/SL3.2/SL4) (4932471869); Torx Precision Screwdriver Set 6pc (T6,T7,T8,T9,T10,T15) (4932471870); Tester 0.5 X 3 X 65 (4932478719); TRI-LOBE S/Driver PH2x125 (4932471788); TRI-LOBE S/Driver SL 0.8x4x100 (4932471778); TRI-LOBE S/ Driver T20x100 (4932471801); Demolition Driver (4932480975)

Ratchet and socket PACKOUT™Drawer foam insert

- 90 tooth design ratchet with 4°of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket for an anti-roll and wrench-ready solution.
- Fits perfectly into the PACKOUT™Drawer Tool Boxes.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
①	**½˝ Ratchet, socket and hex key set PACKOUT™foam insert 70 pc**	70	1	**4932480716**	4058546410018
	½˝drive ratchet; 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm ½˝drive standard sockets and 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm deep well sockets; 76mmand 127mm½˝ drive extensions; 9 pc Hex key set; Shockwave™ Impact Rated Screwdriving Bits 2 x TX10 / 4 x TX15 / 5 x TX20 / 5 x TX25 / 5 x TX30 / 2 x TX40 / 1 x TX50, 1 x TX B07 / 1 x TX B08 / 1 x TX B09 / 1 x TX B010 / 1 x TX B015 / 1 x TX B020 / 1 x TX B025. 1 x Shockwave™ Impact Rated Bit Holders				
②	**¼˝ drive ratchet, socket, screwdriver and wrench set PACKOUT™ foam insert**	35	1	**4932480717**	4058546410025
	¼˝drive ratchet; 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm¼˝ drive standard and deep well sockets; 76mmand 152mmextensions, ¼˝ driver universal joint; 6 Tri-Lobe screwdrivers (SL3 /SL 4 / SL5 / SL 6 / PH 1 / PH 2); 250mm adjustable wrench				

① 

② 



PACKOUT™ tumbler

- Double wall vacuum insulation for all day hot & cold retention.
- Rotating magnetic closure for easy opening.
- 18/8 stainless steel for durability.
- Dishwasher safe.
- Twist and lock mechanism for connectivity with all PACKOUT™ components.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ tumbler 591 ml	1	6	**4932479074**	4058546368685
PACKOUT™ tumbler 887 ml	1	6	**4932479075**	4058546368692







Packout™ bottles chug lids

- Double wall vacuum insulation for all day hot & cold retention.
- 18/8 stainless steel for highest durability.
- Dishwasher safe.
- Lids are compatible throughout all PACKOUT™ bottles and mugs.
- Twist and lock mechanism for connectivity with all PACKOUT™ components.
- Part of the PACKOUT™ modular storage system.

	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Packout™ bottle 532 ml chug lid red	267 x 80 x 80	1	8	**4932493991**	4058546511517
	Packout™ bottle 532 ml chug lid black	267 x 80 x 80	1	8	**4932493992**	4058546511524
	Packout™ bottle 710 ml chug lid red	305 x 86 x 86	1	8	**4932493465**	4058546483364
②	Packout™ bottle 710 ml chug lid black	305 x 86 x 86	1	8	**4932493466**	4058546483371
③	Packout™ bottle 1065 ml chug lid red	318 x 100 x 100	1	6	**4932493467**	4058546483388
	Packout™ bottle 1065 ml chug lid black	318 x 100 x 100	1	6	**4932493468**	4058546483395
④	PACKOUT™ bottle 355 ml sip lid red	178 x 79 x 79	1	8	**4932498977**	4058546528461
	PACKOUT™ bottle 355 ml sip lid black	178 x 79 x 79	1	8	**4932498978**	4058546528478
⑤	Packout™ bottle 532 ml sip lid red	229 x 79 x 79	1	8	**4932493473**	4058546483449
	Packout™ bottle 532 ml sip lid black	229 x 79 x 79	1	8	**4932493474**	4058546483456
⑥	Packout™ mug 532 ml sip lid red	229 x 79 x 120	1	6	**4932493471**	4058546483425
	Packout™ mug 532 ml sip lid black	229 x 79 x 120	1	6	**4932493472**	4058546483432
⑦	PACKOUT™ chug lid	105 x 78 x 78	1	1	**4932493464**	4058546483357
⑧	Packout™ sip lid	66 x 78 x 78	1	1	**4932493470**	4058546483418



PACKOUT™ plastic bottles

- Impact resistant tritan plastic.
- Dishwasher safe.
- Lids are compatible throughout all PACKOUT™ plastic bottles.
- Twist and lock mechanism for connectivity with all PACKOUT™ components.
- Part of the PACKOUT™ modular storage system.

	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ 740 ml plastic bottle chug lid red	286 x 79 x 79	1	8	**4932498636**	4058546525057
	PACKOUT™ 740 ml plastic bottle chug lid black	286 x 79 x 79	1	8	**4932498639**	4058546525088
	PACKOUT™ 1005 ml plastic bottle chug lid red	305 x 93 x 93	1	8	**4932498637**	4058546525064
②	PACKOUT™ 1005 ml plastic bottle chug lid black	305 x 93 x 93	1	8	**4932498640**	4058546525095
③	PACKOUT™ 1420 ml plastic bottle chug lid red	337 x 99 x 99	1	6	**4932498638**	4058546525071
	PACKOUT™ 1420 ml plastic bottle chug lid black	337 x 99 x 99	1	6	**4932498641**	4058546525101
④	PACKOUT™ plastic bottle chug lid	86 x 76 x 76	1	1	**4932498642**	4058546525118



Packout™ mounting puck

- Mount all PACKOUT™ bottles, mugs and tumblers on flat surfaces.
- Easy mounting with screws or adhesive tape.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Packout™ mounting puck	18 x 86 x 86	1	1	**4932493469**	4058546483401

PACKOUT™ shop storage power tool starter kit

- Includes PACKOUT™ XL mounting plate 4932480622, PACKOUT™drill storage station 4932480712, M18™battery holder 4932480709, M12™battery holder 4932480708.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PACKOUT™ shop storage power tool starter kit	4	1	**4932493620**	4058546484910

PACKOUT™ storage hooks

- High strength steel hooks for storing even heavy tools and items.
- Hook coating protects hooks and stored items.
- Easy and fast access to all tools.
- Most secure and easy mounting with click & lock mechanism.
- Fully customise your shop according to your needs.
- Part of PACKOUT™ Shop Storage.



	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ straight utility hook	203 x 89 x 229	1	5	**4932480700**	4058546409852
②	PACKOUT™ curved utility hook	279 x 89 x 152	1	5	**4932480701**	4058546409869
③	PACKOUT™ large hook	203 x 152 x 229	1	3	**4932480702**	4058546409876
④	PACKOUT™ large S hook	38 x 89 x 178	1	5	**4932480703**	4058546409883
⑤	PACKOUT™ small straight utility hook.	102 x 89 x 102	1	5	**4932480704**	4058546409890
⑥	PACKOUT™ small curved utility hook	178 x 89 x 76	1	5	**4932480705**	4058546409906
⑦	PACKOUT™ small hook row	100 x 232 x 77	1	6	**4932493384**	4058546482558
⑧	PACKOUT™ single straight hook	98 x 98 x 120	1	5	**4932493383**	4058546482541







PACKOUT™ storage racks

- Easy and fast access to all tools and items.
- Most secure and easy mounting with click & lock mechanism.
- Fully customise your shop according to your needs.
- Part of PACKOUT™ Shop Storage.



	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ cup holder	127 x 102 x 178	1	4	**4932480706**	4058546409913
②	PACKOUT™ paper towel holder	165 x 102 x 330	1	5	**4932480707**	4058546409920
③	PACKOUT™ pliers rack	89 x 241 x 127	1	6	**4932480710**	4058546409951
④	PACKOUT™ screwdriver rack	90 x 236 x 90	1	6	**4932480711**	4058546409968
⑤	PACKOUT™ small shelf	254 x 241 x 89	1	5	**4932480713**	4058546409982
⑥	PACKOUT™ belt clip rack	90 x 234 x 40	1	6	**4932493377**	4058546482480
⑦	PACKOUT™ magnetic rack	92 x 234 x 65	1	4	**4932493378**	4058546482497
⑧	PACKOUT™ wire basket	172 x 252 x 190	1	4	**4932493379**	4058546482503




PACKOUT™ battery holders

- Organise your batteries.
- Clip in batteries for secure storage.
- Easy and fast access to all batteries.
- Most secure and easy mounting with click & lock mechanism.
- Fully customise your shop according to your needs.
- Part of PACKOUT™ Shop Storage.

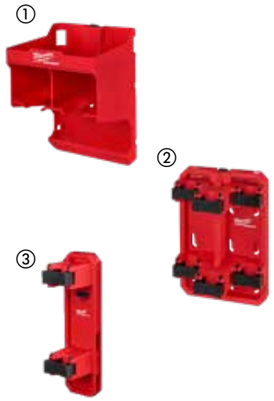


	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ M12™ battery holder	66 x 102 x 330	1	6	**4932480708**	4058546409937
②	PACKOUT™ M18™ battery holder	102 x 102 x 330	1	4	**4932480709**	4058546409944




PACKOUT™ easy access storage

- Easy and fast access to all tools.
- Most secure and easy mounting with click & lock mechanism.
- Fully customise your shop according to your needs.
- Part of PACKOUT™ Shop Storage.



	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ drill storage station	254 x 241 x 356	1	2	**4932480712**	4058546409975
②	PACKOUT™ long handled storage	178 x 241 x 356	1	3	**4932480714**	4058546409999
③	PACKOUT™ single long handles storage	347 x 97 x 127	1	6	**4932493382**	4058546482534





PACKOUT™ bins

- Stores screws, tapes and other small items.
- Nest bins come with removable dividers and interior trays for additional organisation.
- Hangs on PACKOUT™ Wall Mounting Plates.
- Nest Bins fit in PACKOUT™ Organizer (4932464082) & PACKOUT™ Compact Organizer (4932464083).
- Magnetic Bins fit in PACKOUT™ Slim Organiser (4932471064) & PACKOUT™ Compact Slim Organiser (4932471065).
- Magnetic Bins can be also attached to metal surfaces due to magnetic back.
- Constructed with impact resistant polymers.
- Part of PACKOUT™ Shop Storage.



	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	PACKOUT™ 10x10 cm nest bin	46 x 102 x 102	2	6	**4932480698**	4058546409838
②	PACKOUT™ 10x20 cm nest bin	46 x 203 x 102	2	6	**4932480699**	4058546409845
③	PACKOUT™ magnetic bin 10x10 cm	10 x 10 x 45	1	6	**4932493380**	4058546482510
④	PACKOUT™ magnetic bin 10x20 cm	10 x 20 x 45	1	6	**4932493381**	4058546482527





Linesman's compact aerial tool apron

- Durable vinyl construction.
- Dedicated pockets for better organisation.
- Auger bit holder won't burn through.
- Puncture resistant knife pockets for knife storage.
- Dedicated flood light pocket.
- Magnets hold sockets in place.
- Durable nickle plated brass eyelets.
- D-rings for more storage.
- Weep holes let water out.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Linesman's compact aerial tool apron	600 x 457 x 100	1	1	**4932498652**	4058546525217

Linesman's aerial tool apron

- Durable vinyl construction.
- Dedicated pockets for better organisation.
- Auger bit holder won't burn through.
- Puncture resistant knife pockets for knife storage.
- Dedicated flood light pocket.
- Magnets hold sockets in place.
- Durable nickle plated brass eyelets.
- D-rings for more storage.v
- Weep holes let water out.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Linesman's aerial tool apron	600 x 640 x 100	1	1	**4932498653**	4058546525224

Aerial oval bag

- 1680D ballistic material construction.
- 2 puncture resistant knife pockets.
- Impact resistant molded base.
- 14 pockets for ultimate organisation.
- Weep holes let water out.
- 2 durable nickle plated brass eyelets.
- 2 D-rings for more storage.
- Carrying strap for easy transportation.
- Storage ideal for power tools, accessories and hand tools.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Aerial oval bag	265 x 729 x 370	1	1	**4932498654**	4058546525231

Underground oval bag

- 1680D ballistic material construction.
- 2 puncture resistant knife pockets.
- 24 pockets for ultimate organisation.
- Weep holes let water out.
- 2 durable nickle plated brass eyelets.
- 2 D-rings for more storage.
- Carrying strap for easy transportation.
- Storage ideal for power tools, accessories and hand tools.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Underground oval bag	265 x 729 x 370	1	1	**4932498655**	4058546525248

Textile utility bucket

- Swiveling metal carabiner.
- Weight capacity 34 kg.
- Durable material for long lifetime.
- Weep holes let water out.
- Reinforced ring keeps bag open.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Textile utility bucket	370 x 300 x 300	1	1	**4932498656**	4058546525255

Textile utility bucket with pockets

- Swiveling metal carabiner.
- Weight capacity 34 kg.
- Durable material for long lifetime.
- Weep holes let water out.
- Reinforced ring keeps bag open.





Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Textile utility bucket with pockets	370 x 300 x 300	1	1	**4932498657**	4058546525262

Ultimate jobsite backpack

- Constructed with 1680D ballistic material and with rugged metal zippers to provide increased durability.
- Hard molded base allows backpack to stand up and reduces ingress of dirt and water.
- Adjustable chest strap and attachment strap for rolling bags.
- Padded and breathable load-bearing harness evenly distributes the weight for more comfort and jobsite performance.
- 48 total pockets including 2 hardshell pockets to protect electronics and equipment from impact.
- Backpack provides exceptional organisation.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Ultimate jobsite backpack	240 x 457 x 518	1	1	**4932464833**	4058546227784







Jobsite backpack

- Durable construction, made from 1680D ballistic nylon.
- Hard moulded base allows bag to stand-up and provides ultimate all-weather protection.
- Padded, breathable straps for ultimate comfort and jobsite performance.
- Large storage - 35 pockets in total.
- Fold down front pocket for easier access and storage of larger items. Side water bottle pocket.
- Vertical tool wall maximises storage space while allowing for bulk storage space.
- Laptop pocket allows protected storage for laptops/tablets and personal goods.
- Exterior daisy chains allow clip on storage.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Jobsite backpack	363 x 203 x 594	1	1	**4932500309**	4058546616113







Tradesman backpack

- Durable construction, made from 1680D ballistic nylon.
- Padded straps for more comfort and jobsite performance.
- Laptop pocket allows protected storage for laptops/tablets and personal goods.
- 18 organiser pockets allow variety of options.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Tradesman backpack	360 x 210 x 520	1	1	**4932464252**	4058546221973

Low profile backpack

- Constructed with 1680D ballistic material and with rugged metal zippers to provide increased durability.
- Reinforced base protects the packpack from being damaged by abusive jobsite conditions.
- Adjustable chest strap and attachment strap for rolling bags.
- Padded and breathable load-bearing harness evenly distributes the weight for more comfort and jobsite performance.
- 22 pockets including a padded electronic sleeve to provide ultimate organisation.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Low profile backpack	200 x 300 x 498	1	1	**4932464834**	4058546227791

Jobsite cooler

- Constructed with 1680D ballistic material and with rugged metal zippers to provide increased durability.
- Specifically designed to be durable enough to withstand tough jobsite conditions.
- Cooler utilises double insulation and a food-grade leak proof liner to keep ice cold for 24 hours without leaking.
- Tape measure clip with a bottle opener provides ultimate versatility.
- Padded shoulder strap with metal hardware for ultimate durability.
- Tech pocket and dry storage compartment for storing tablets and electronic devices.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Jobsite cooler	280 x 350 x 380	1	1	**4932464835**	4058546227807

Electricians pouch

- Robust construction, made from 1680D ballistic nylon.
- Double stitched with stronger riveted seams.
- Integrated handle allows easy transport and provides an easy mounting point on common jobsite materials.
- Solid base allows bag to stand-up, even when fully loaded.
- Integrated belt loops allow bag to be worn on a tool belt.
- Center mounted metal D-rings allow bag to hang evenly from shoulder strap.
- Metal tape measure clip securely stores tape for easy access.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Electricians pouch	1	1	**4932500308**	4058546616106

Electricians belt

- Robust construction, made from 1680D ballistic nylon.
- Double stitched with stronger riveted seams.
- Integrated handles allow easy transport of the pouch and provides easy mounting point on common jobsite materials.
- Padded, breathable belt for ultimate comfort and jobsite performance.
- Metal suspender attachments allow suspenders to be added.
- Metal tape measure clip securely stores tape for easy access.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Electricians belt	1	1	**4932500307**	4058546616090

Contractor rig

- Robust construction, made from 1680D ballistic nylon.
- Double stitched with stronger riveted seams.
- Padded 4-point harness distributes weight for all day comfort.
- Padded, breathable belt for ultimate comfort and jobsite performance.
- Integrated handle allows easy transport of the pouch and provides easy mounting point on common jobsite materials.
- Metal suspender attachments allow suspenders to be added.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Contractor rig	1	1	**4932500306**	4058546616083

Padded rig

- Adjustable straps designed to fit all users.
- 1680D ballistic material construction.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Padded rig	1	1	**4932500128**	4058546572921

Work belt

- Metal hardware and 1680D ballistic nylon provide a lifetime of service.
- Up to 152 mm (6˝) of padding and can accomodate waist sizes up to 143 mm (53˝).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Work belt	1	1	**4932500127**	4058546572914

HEAVY DUTY™ boxes

- Cases supplied with latches.



HD box size	Dimensions (Outer)(H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1	132 x 475 x 358	1	1	**4932453385**	4002395146376
2	475 x 358 x 192	1	1	**4932383162**	4002395349463
3	230 x 475 x 358	1	1	**4932453386**	4002395143634
HD box size 2 - with FUEL™ logo	180 x 475 x 362	1	1	**4932498753**	4058546526221
HD Box 1 universal - supplied with foam in the lid		1	1	**4932459751**	4058546029234
Spare latches		2	1	**4932373252**	4002395347247
PACKOUT™ adaptor HD box	117 x 500 x 386	1	1	**4932464081**	4058546220266

TOOLGUARD™ STEEL STORAGE



CUSTOMISE YOUR TOOLGUARD™ STEEL STORAGE DRAWERS WITH OUR ONLINE FOAM INSERT CONFIGURATOR

TOOLGUARD™ 30˝ / 78 cm 7-drawer steel storage rolling cabinet

- 45 kg rated soft-close drawers.
- Bottom drawer rated at 90 kg.
- Anti-tilt protection allows only 1 drawer to be open at a time.
- Each drawer supplied with anti-slip mat inlay.
- Recessed ABS worktop with screwdriver holes and additional compartments.
- ABS corner bumpers prevent damages when moved around the garage.
- Magnetic power strip allows to charge batteries directly on the cabinet.
- Peg board with hooks and tool holders for an easy access to the most used tools.
- Additional side shelves for bottles and cans.
- Power tool organiser in the bottom drawer.
- 125 mm industrial casters (2x fixed, 2x swiveling with brakes).
- 800 kg total weight capacity.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TOOLGUARD™ 30˝ / 78 cm 7-drawer steel storage rolling cabinet	1064 x 810 x 524	1	1	**4932478849**	4058546361310
TOOLGUARD™ 30˝ / 78 cm 7-drawer steel storage rolling cabinet - grey RAL 7021	1064 x 810 x 524	1	1	**4932500742**	4058546620448

TOOLGUARD™ 30˝ / 78 cm 4-drawer steel storage top chest

- 45 kg rated soft-close drawers.
- Anti-tilt protection allows only 1 drawer to be open at a time.
- Each drawer supplied with anti-slip mat inlay.
- ABS corner bumpers prevent damages when moved around the garage.
- Additional side shelves for bottles and cans.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TOOLGUARD™ 30˝ / 78 cm 4-drawer steel storage top chest	810 x 524 x 498	1	1	**4932478850**	4058546361327

TOOLGUARD™ 40˝ / 102 cm steel work cart

- 45 kg rated soft-close drawers.
- 90 kg rated sliding bottom shelf.
- Built-in storage compartments.
- 2 removable storage cups, which can be flipped upside down to create a flush surface or completely removed for vertical long tool storage.
- V-grooves to hold material when cutting or measuring.
- Foldable rear shelf with 22 kg weight capacity.
- 2 moveable shelves for storing bottles, sprays and other equipment.
- Rubber corner bumpers prevent damages when moved around the garage.
- Magnetic power strip allows to charge batteries directly on the cart.
- 125 mm industrial casters (2x fixed, 2x swiveling with brakes).
- 315 kg total weight capacity.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TOOLGUARD™ 40˝ / 102 cm steel work cart	1016 x 561 x 991	1	1	**4932478856**	4058546361389

TOOLGUARD™ 46˝ / 117 cm high capacity 10-drawer steel storage rolling cabinet

- 45 kg rated soft-close drawers.
- Bottom drawers rated at 90 kg.
- Each drawer supplied with anti-slip mat inlay.
- Rubber corner bumpers prevent damages when moved around the garage.
- Magnetic power strip allows to charge batteries directly on the cabinet.
- Foldable side shelf for bottles and cans.
- Integrated bottle opener.
- Power tool organiser in the bottom drawer.
- 150 mm industrial casters (2x fixed, 2x swiveling with brakes).
- 1360 kg total weight capacity.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TOOLGUARD™ 46˝ / 117 cm high capacity 10-drawer steel storage rolling cabinet	1170 x 562 x 982	1	1	**4932478852**	4058546361341

TOOLGUARD™ 46˝ / 117 cm high capacity 6-drawer steel storage top chest

- 45 kg rated soft-close drawers.
- Each drawer supplied with anti-slip mat inlay.
- Work top drawer for writing or using a laptop.
- Independent locking safety drawer to securely store valuable items (phone, keys, documents).
- Rubber corner bumpers prevent damages when moved around the garage.
- Magnetic power strip allows to charge batteries directly on the chest.
- Peg board with hooks on the back wall for an easy access to the most used tools.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TOOLGUARD™ 46˝ / 117 cm high capacity 6-drawer steel storage top chest	1170 x 562 x 644	1	1	**4932478854**	4058546361365

TOOLGUARD™ 27" / 69cm 7-drawer steel rolling cabinet

- 35 kg rated drawers.
- Bottom drawer rated at 70 kg.
- Anti-tilt protection allows only 1 drawer to be open at a time.
- Each drawer supplied with anti-slip mat inlay.
- Recessed ABS worktop with screwdriver holes and additional compartments.
- Peg board on both sides for hooks and tool holders for an easy access to the most used tools.
- Removable side shelves for bottles and cans.
- Metal divider in the bottom drawer for extra organisation.
- 125 mm industrial casters with soft surface for smooth rolling (2x fixed, 2x swiveling with 1x brake).
- Ready for immediate use - cabinet comes with casters mounted.
- 625 kg total weight capacity.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
TOOLGUARD™ 27“ / 69cm 7-drawer steel rolling cabinet	971 x 741 x 520 (with handle)	1	1	**4932498252**	4058546521219
TOOLGUARD™ 27“ / 69cm 7-drawer steel rolling cabinet - grey RAL 7021	971 x 741 x 520 (with handle)	1	1	**4932500740**	4058546620424

PVC Work Surface

- PVC Work Surface for the 46“ /117 cm High Capacity 10-Drawer Steel Storage Rolling Cabinet.
- Enables productive and safe work on top of the 46“ Steel Storage Rolling Cabinet.
- Prevents items from rolling or falling from the surface.
- Easy installation with two adhesives strips (included in delivery).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
PVC Work Surface 46“	1	1	**4932492547**	4058546419141

Can holder

NEW

- Holds spray cans or bottles.
- Compatible with the TOOLGUARD™ 27”/69cm Steel Rolling Cabinet (4932498252).



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Can holder	1	1	**4932498955**	4058546528249
Can holder grey	1	1	**4932501311**	4058546640279

Paper towel holder

NEW

- Roll Holder for paper towels up to 30 cm width and 26 cm diameter.
- Compatible with TOOLGUARD™ pegboards of steel rolling cabinets 4932498252, 4932478849 and 4932478851.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Paper towel holder	1	1	**4932498956**	4058546528256

Single steel hook

NEW

- Universal metal single hook.
- Compatible with TOOLGUARD™ pegboards.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Single steel hook	12	1	**4932498957**	4058546528263

Double steel hook

- Universal metal double hook.
- Compatible with TOOLGUARD™ pegboards.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Double steel hook	12	1	**4932498958**	4058546528270

Magnetic power centre

- Socket strip with 3x sockets for EU or UK plug and 2x USB-A sockets (UK version 3x USB-A).
- Magnetic holder that enables to place the power centre on any metal surface.
- Available colours: Red, Grey.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Magnetic power centre	1	1	**4932498959**	4058546528287
Magnetic power centre grey	1	1	**4932501310**	4058546640262

246pcs filled 30˝ / 78 cm TOOLGUARD™ EU premium version

- 45 kg rated soft-close drawers & bottom drawer rated at 90 kg.
- Anti-tilt protection allows only one drawer to be open at a time.
- 125 mm industrial casters (2x fixed, 2x swiveling with brakes).
- 5 drawers filled with essential tools needed for automotive maintenance, neatly placed in foam inserts for best organization.
- M18FIW2F12 MID TORQUE IMPACT WRENCH: Power efficiency under load - outstanding torque of 339 Nm within an extremely compact design - total length of just 124 mm for access into tight spaces.
- 2x M18™ RESISTANT 5.0 AH BATTERY included: New housing material provides more protection against oils, solvents and greases.
- M12™ - M18™ FAST CHARGER: Recharges all M18™, M14™ and M12™ REDLITHIUM™ battery packs.
- Available colours: Red, Grey.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
246pc 30˝ / 78 cm red filled TOOLGUARD™ EU premium version	246	1	**4932493817**	4058546509774
246pc 30˝ / 78 cm grey filled TOOLGUARD™ EU premium version			**4932500743**	4058546620455

119 pc¼˝, ⅜˝, ½˝ Ratchet & socket foam set (4932498518), 27 pc MAXBITE Metric combination spanner foam set (4932493247), 4 pc Pliers foam set (4932493631), 15 pc MAXBITE Metric ratcheting combination spanner foam set (4932479828), 10 pc Double open end spanner foam set (4932493629), 23 pc Trilobe screwdriver foam set (4932479830), 3 pc Circlip pliers foam set (4932493632), 2 pc Engineer and dead blow hammer foam set (4932493253), 3 pc Cutting and measuring foam set (4932493252), 32 pc 1/2" Shockwave STD foam set 1 (4932493392), M18FIW2F12-0 COMPACT IMPACT WRENCH (4933498058), 2x M18™ RESISTANT 5.0 AH BATTERY (4932479265), M12™ - M18™ FAST CHARGER (4932451079), Safety glasses clear (4932478763), 3 pcs Reusable corded ear plugs (4932471904), 30 INCH STEEL ROLLING CABINET (4932478849)

206pcs filled 30˝ / 78 cm TOOLGUARD™ EU standard version

- 45 kg rated soft-close drawers & bottom drawer rated at 90 kg.
- Anti-tilt protection allows only one drawer to be open at a time.
- 125 mm industrial casters (2x fixed, 2x swiveling with brakes).
- 5 drawers filled with essential tools needed for automotive maintenance, neatly placed in foam inserts for best organization.
- Available colours: Red, Grey.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
206pc 30˝ / 78 cm red filled TOOLGUARD™ EU Standard version	206	1	**4932498185**	4058546520540
206pc 30˝ / 78 cm grey filled TOOLGUARD™ EU Standard version			**4932500744**	4058546620462

119 pc¼˝, ⅜˝, ½˝ Ratchet & socket foam set (4932498518), 27 pc MAXBITE Metric combination spanner foam set (4932493247), 4 pc Pliers foam set (4932493631), 15 pc MAXBITE Metric ratcheting combination spanner foam set (4932479828), 10 pc Double open end spanner foam set (4932493629), 23 pc Trilobe screwdriver foam set (4932479830), 3 pc Circlip pliers foam set (4932493632), 2 pc Engineer and dead blow hammer foam set (4932493253), 3 pc Cutting and measuring foam set (4932493252), 30 INCH STEEL ROLLING CABINET (4932478849)

131pcs filled 27˝ / 69 cm TOOLGUARD™ Universal tools

- 3 out of 7 drawers filled with essential tools, neatly placed in foam inserts for best organization.
- 35 kg rated drawers & bottom drawer rated at 70 kg.
- Anti-tilt protection allows only one drawer to be open at a time.
- 125 mm industrial casters (2x fixed, 2x swiveling, 1x brake).
- Ratchets with 90 tooth design with 4 °of arc swing for tight work spaces.
- Combination Spanners with MAX BITE™ open-end grip reduces rounding and stripping.
- Screwdrivers with comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Available colours: Red, Grey.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
131pc 27˝ /69 cm red filled TOOLGUARD™ - Universal tools	131	1	**4932499182**	4058546563462
131pc 27˝ /69 cm grey filled TOOLGUARD™ - Universal tools			**4932500741**	4058546624552

28pc ¼˝ Ratchet and socket set foam insert(4932479824), 23pc ⅜˝ Ratchet and socket set foam insert (4932479825), 28pc ½˝ Ratchet and socket set foam insert (4932479826), MAX BITE™ Combination spanner set foam insert (4932479827), 6pc Tri-Lobe screwdriver TX set foam insert (4932492392), 7pc Tri-Lobe screwdriver SL & PH set foam insert (4932492394), 15pc general tooling foam set (4932493257)

337pcs filled 27˝ / 69 cm TOOLGUARD™ automotive set

NEW

- Durable storage solution with 35 kg rated drawers & bottom drawer rated at 70 kg, 125 mm industrial casters (2x fixed, 2x swiveling, 1x brake) and anti-tilt protection allows only one drawer to be open at a time.
- Hand tools and accessories selection with 337 most premium tools, neatly placed in foam inserts for best organization – Fully kitted. Ratchets with 90 tooth design with 4°of arc swing for tight spaces, combination spanners with MAX BITE™ open-end grip reduces rounding and stripping and screwdrivers with comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Premium foam which is easy to clean, water- and oil resistant and very light-weighted but still provides high durability.
- Available colours: Red, Grey.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
337 pc 27˝ /69 cm red filled TOOLGUARD™automotive set	337	1	**4932500754**	4058546620561
337 pc 27˝ /69 cm grey filled TOOLGUARD™automotive set			**4932500746**	4058546620486

4932500740 SRC27/7-2, 4932500755 38 pc Screwdriver and prybar set foam insert, 4932500756 153 pc 1/4" and 3/8" ratchet and socket and bit socket set foam insert, 4932500757 60 pc 1/2" ratchet and impact socket set foam insert, 4932500758 36 pc mixed spanner set foam insert, 4932500759 36 pc spanner, lights, cutting and measuring set foam insert, 4932500760 14 pc pliers and hammer set foam insert

337pcs filled 30˝ / 78 cm TOOLGUARD™ automotive set

NEW

- Durable storage solution with 45 kg rated drawers & bottom drawer rated at 90 kg, 125 mm industrial casters (2x fixed, 2x swiveling with brakes) and anti-tilt protection allows only one drawer to be open at a time.
- Hand tools and accessories selection with 337 most premium tools, neatly placed in foam inserts for best organization – Fully kitted. Ratchets with 90 tooth design with 4°of arc swing for tight spaces, combination spanners with MAX BITE™ open-end grip reduces rounding and stripping and screwdrivers with comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Premium foam which is easy to clean, water- and oil resistant and very light-weighted but still provides high durability.
- Available colours: Red, Grey.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
337 pc 30˝ /78 cm red filled TOOLGUARD™automotive set	337	1	**4932500753**	4058546620554
337 pc 30˝ /78 cm grey filled TOOLGUARD™automotive set			**4932500745**	4058546620479

4932500742 SRC30/7-2, 4932500755 38 pc Screwdriver and prybar set foam insert, 4932500756 153 pc 1/4" and 3/8" ratchet and socket and bit socket set foam insert, 4932500757 60 pc 1/2" ratchet and impact socket set foam insert, 4932500758 36 pc mixed spanner set foam insert, 4932500759 36 pc spanner, lights, cutting and measuring set foam insert, 4932500760 14 pc pliers and hammer set foam insert

Master foam insert set universal 170pc

- Ideal mix of innovative hand tools for maintenance and repair, organized in premium foam inserts.
- Ratchets with 90 tooth design with 4 °of arc swing for tight work spaces.
- Combination Spanners with MAX BITE™ open-end grip reduces rounding and stripping.
- Screwdrivers with comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Master foam insert set universal 170pc				
28pc 1/4˝ Ratchet and socket set foam insert (4932479824), 28pc 1/2˝ Ratchet and socket set foam insert (4932479826), MAX BITE™ Combination spanner set foam insert (4932479827), 23pc Trilobe screwdriver foam insert (4932479830), 8pc Folding torx key set (4932480979), Compact hex key 9pc set (4932492399), SHOCKWAVE™ IMPACT DUTY bit set 40 pc (4932492004), Metral drill HSSG ThW D338 Set 19pc (4932493869)	170	1	**4932499473**	4058546566371

Master foam insert set automotive 172pc

- Ideal mix of innovative hand tools for automotive maintenance and repair, organized in premium foam inserts.
- Ratchets with 90 tooth design with 4 °of arc swing for tight work spaces.
- Combination Spanners with MAX BITE™ open-end grip reduces rounding and stripping.
- T-bar handle with 180° durable swiveling socket for best access in hard-to-reach angles.
- Screwdrivers with comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Master foam insert set automotive 172pc				
28pc 1/4˝ Ratchet and socket set foam insert (4932479824), 28pc 1/2˝ Ratchet and socket set foam insert (4932479826), MAX BITE™ Combination spanner set foam insert (4932479827), 8pc T-bar handle set foam insert (4932499113), 23pc Trilobe screwdriver foam insert (4932479830), 3pc Pliers set foam insert (4932493256), 3PC Circlip Pliers Foam Insert Set (4932493632), 2pc Engineer and dead blow hammer set foam insert (4932493253), 1/2˝ SHOCKWAVE™ IMPACT DUTY automotive impact socket set (4932493370), SHOCKWAVE™ IMPACT DUTY bit set 40pc (4932492004), Metral drill HSSG ThW D338 Set 19pc (4932493869)	172	1	**4932499474**	4058546566388

Master foam insert set industrial 244pc

- Ideal mix of innovative hand tools for industrial maintenance and repair, organized in premium foam inserts.
- Ratchets with 90 tooth design in 1/4˝, 3/8˝ and 1/2˝ drive sizes, with 4 °of arc swing for tight work spaces.
- Combination Spanners with MAX BITE™ open-end grip reduces rounding and stripping.
- Screwdrivers with comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



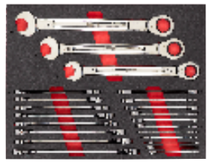
Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Master foam insert set industrial 244pc				
28pc 1/4˝, 3/8˝ and, 1/2˝ Ratchet and socket set foam insert (4932498518), MAX BITE™ Combination spanner set foam insert (4932479827), 10pc Double open end spanner foam insert set (4932493629), 23pc Trilobe screwdriver foam insert (4932479830), General tooling foam set 15pc (4932493257), 3PC Circlip Pliers Foam Insert Set (4932493632), SHOCKWAVE™ IMPACT DUTY bit set 40pc (4932492004), Metral drill HSSG ThW D338 Set 19pc (4932493869)	244	1	**4932499475**	4058546566395

3/3 MAX BITE™ Combination Spanner Set Foam Inserts

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- 15° offset box for better accessibility.
- Chrome alloy steel, chrome plated.

	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	27 pc MAX BITE™ metric combination spanner foam set	45 x 536 x 417	27	1	**4932493247**	4058546481186
	6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 30mm, 32mm, 36mm					
	Empty 27 pc MAX BITE™ Combination Spanner Foam Set	45 x 536 x 417	1	1	**4932493676**	4058546508364
②	22pc MAX BITE™ ratcheting metric combination spanner set	45 x 536 x 417	22	1	**4932493248**	4058546481193
	6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 25mm, 27mm, 30mm, 32mm					
	Empty 22 pc MAXBITE™ Ratcheting Combination Spanner Foam Set	45 x 536 x 417	1	1	**4932493677**	4058546508371

① 

② 



MAX BITE™ Flex Head Ratcheting Spanner Set Foam Insert

- 180° pivoting head for greater access to tight spaces.
- MAX BITE™ open-end grip reduces rounding and stripping.
- 144 ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Durable double stacked pawls for longer ratchet life.
- Rounded I-Beam handle for comfortable handling grip.

Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
MAX BITE™ Flex Head Ratcheting Spanner Set Foam Insert	45 x 178.5 x 417	15	1	**4932479829**	4058546376239
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm					
Empty 15 pc MAX BITE™ Flex Head Spanner Set Foam Insert	45 x 178.5 x 417	1	1	**4932493667**	4058546513610





MAX BITE™ combination spanner set foam insert

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- 15° offset box for better accessibility.
- Chrome alloy steel, chrome plated.

Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
MAX BITE™ Combination Spanner Set Foam Insert	45 x 178.5 x 417	15	1	**4932479827**	4058546376215
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm					
Empty 15 pc MAX BITE™ Combination Spanner Set Foam Insert	45 x 178.5 x 417	1	1	**4932493665**	4058546485368



MAX BITE™ Ratcheting Combination Spanner Set Foam Insert

- 144 Ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Durable double stacked pawls for long-lasting ratchet life.
- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.

Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
MAX BITE™ Ratcheting Combination Spanner Set Foam Insert	45 x 178.5 x 417	15	1	**4932479828**	4058546376222
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm					
Empty 15 pc MAX BITE™ Ratcheting Combination Spanner Set Foam Insert	45 x 178.5 x 417	1	1	**4932493666**	4058546513603



Double Open End Spanner Foam Insert Set

- Slim head dimensions for access in tight areas.
- Rounded I-beam handle for comfortably applying torque.
- Ink-filled size labels for easy and quick size identification.
- Chrome finish for corrosion and rust resistance.
- Sets come in a durable foam.

	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	10pc Double Open End Spanner Foam Insert Set	45 x 178.5 x 417	10	1	**4932493629**	4058546485009
	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27mm					
②	4pc Double Open End Spanner Foam Insert Set	45 x 178.5 x 417	4	1	**4932493630**	4058546485016
	24x26, 25x28, 27x29, 30x32mm					

① 

② 

Flare Nut Spanner Foam Insert Set

- Optimized head geometry for secure grip on fasteners to reduce rounding of nuts.
- I-beam handle for more comfort while applying high torque.
- Ink-filled size labels for easy and quick size identification.
- 15°angled heads for better access.
- Set is neatly stored in a durable foam.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
6pc Flare Nut Spanner Foam Insert Set 8x10, 10x11, 12x14, 13x14, 17x19, 19x22mm	45 x 178.5 x 417	6	1	**4932493628**	4058546484996

Double ring offset spanner set foam insert 9pc

- 75° offset handle for better access in tight spaces.
- Rounded I-beam handle for comfortably applying torque.
- Ink-filled size labels for easy and quick size identification.
- Chrome finish for corrosion and rust resistance.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Double ring offset spanner set foam insert 9pc	45 x 178.5 x 417	9	1	**4932499086**	4058546529550
Replacement double ring offset spanner set foam insert	45 x 178.5 x 417	1	1	**4932499087**	4058546529567

Adjustable Wrench Set Foam Insert

- Precision adjustment screw with accurate threads and tight tolerances. The jaws won‘t back off during use
- Chrome plating for best-in-class rust protection and increased durability
- Ergonomic rounded handle design for a comfortable fit in the hand and less pressure points on the palm
- Slim head design for reaching into tight spaces
- Parallel jaws won‘t slip or damage finish surfaces
- Permanent lasered inch and mm markings for accurate adjustment
- Lanyard hole



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3 pc Adjustable Wrench Set Foam Insert 150mm, 200mm, 250mm	45 x 178.5 x 417	3	1	**4932492397**	4058546417642
Empty 3 pc Adjustable Wrench set Foam Insert	45 x 178.5 x 417	1	1	**4932493674**	4058546508340



1/4˝, 3/8˝ & 1/2˝ Ratchet and Socket Set Foam Insert

- 90 tooth design with 4 °of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket deter rolling.
- All metal design for maximum durabilty.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4˝, 3/8˝, 1/2˝ Ratchet and Socket Foam Insert Set	45 x 536 x 417	119	1	**4932498518**	4058546523879
Empty 1/4˝, 3/8˝, 1/2˝ Ratchet and Socket Bare Foam Insert Replacement Foam	45 x 536 x 417	1	1	**4932498740**	4058546526092

1/4˝ Ratchet and Socket Set Foam Insert

- 90 tooth design with 4 °of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket deter rolling.
- All metal design for maximum durabilty.

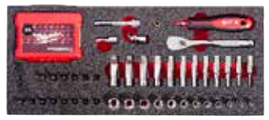




Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4“ Ratchet and Socket Set Foam Insert Standard sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / Deep well sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm / 76 mm extension, 152 mm extension, universal joint	45 x 178.5 x 417	28	1	**4932479824**	4058546376185
Empty 28 pc 1/4“ Ratchet and Socket Set Foam Insert	45 x 178.5 x 417	1	1	**4932493662**	4058546485337

1/4˝ Ratchet and bit socket set foam insert 76pc

- 90 tooth design with 4 °of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket deter rolling.
- All metal design for maximum durabilty.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4˝ Ratchet and bit socket set foam insert 76pc					
Ratchet / Standard sockets: : 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm / Deep well sockets: 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm / Torx bit sockets: T8, T10, T15, T20, T25, T27, T30, T40 / Hex bit sockets: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm / Drive bit holder / Universal joint adapter / Drive spinner handle / 38mm extension / 76 mm extension / 32pc SHOCKWAVE™ impact duty set	45 x 178.5 x 417	76	1	**4932499293**	4058546564575
1/4˝ Replacement ratchet and bit socket set foam insert	45 x 178.5 x 417	1	1	**4932499294**	4058546564582

3/8˝ Ratchet and Socket Set Foam Insert

- 90 tooth design with 4 °of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket deter rolling.
- All metal design for maximum durabilty.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8“ Ratchet and Socket Set Foam Insert	45 x 178.5 x 417	32	1	**4932479825**	4058546376192
Standard sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / Deep well sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / 76 mm extension, 152 mm extension / Universal joint					
Empty 32 pc 3/8˝ Ratchet and Socket Set Foam Insert	45 x 178.5 x 417	1	1	**4932493663**	4058546485344

1/2˝ Ratchet and Socket Set Foam Insert

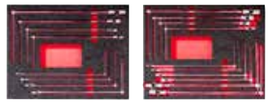
- 90 tooth design with 4 °of arc swing for tight work spaces.
- FOUR FLAT™ sides on socket deter rolling.
- All metal design for maximum durabilty.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2“ Ratchet and Socket Set Foam Insert	45 x 178.5 x 417	28	1	**4932479826**	4058546376208
Standard sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm / Deep well sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm / 76 mm extension, 127 mm extension					
Empty 28 pc 1/2˝ Ratchet and Socket Set Foam Insert	45 x 178.5 x 417	1	1	**4932493664**	4058546485351

T-bar handle set foam inserts

- 180° Durable swiveling socket for best access hard-to-reach angles.
- Sliding handle bar to optimal adjust to different positions for more leverage or narrow spaces.
- Shallow sockets to allow fastening of nuts with longer bolts.
- Premium foam for longer durability, laser cut sizes for easy and quick size identification and red background to identify quickly missing tools.



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
T-bar handle set foam insert 8pc 7mm, 8mm, 10mm, 12mm, 13mm, 14mm, 17mm, 19mm	45 x 536 x 417	8	1	**4932499113**	4058546529826
Replacement t-bar handle set foam insert 8pc	45 x 536 x 417	1	1	**4932499114**	4058546529833
T-bar handle set foam insert 10pc 7mm, 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm	45 x 536 x 417	10	1	**4932499295**	4058546564599
Replacement t-bar handle set foam insert 10pc	45 x 536 x 417	1	1	**4932499296**	4058546564605

TORQUE LOCK™ Locking Pliers Set Foam Insert

- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: Better grip force on jobsite material.
- Rust protection: Chrome plated tool increases life by reducing corrosion.
- Lever release design: Traditional release lever for jobsite convenience.
- MAXBITE™ pliers have special jaw geometry for maximum grip.

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	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	5PC Locking Plier Foam Insert Set	45 x 357 x 417	5	1	**4932493634**	4058546485054
	Curved 127 mm (4932472263), Flat long nose 150 mm (4932471731), MAXBITE 170 mm (4932471730), Flat 250 mm (4932471726), MAXBITE 250 mm (4932471729)					
	Empty 11 pc Grip Pliers Set Foam Insert	45 x 536 x 417	1	1	**4932493680**	4058546508401
②	11pc TORQUE LOCK™ Locking pliers set foam insert	45 x 536 x 417	11	1	**4932493251**	4058546481223
	TORQUE LOCK™ locking pliers - Curved 127mm(4932472263); TORQUE LOCK™ locking pliers - Curved 170mm(4932471732), TORQUE LOCK™ locking pliers - Curved 250mm(4932471725), TORQUE LOCK™ locking C clamps - Regular pointed pads, 280mm(4932471728), TORQUE LOCK™ locking pliers - Flat long nose, 100mm(4932472262), TORQUE LOCK™ locking pliers - Flat long nose, 150mm(4932471731), TORQUE LOCK™ locking pliers - Flat long nose, 230mm(4932471733), TORQUE LOCK™ locking pliers - MAXBITE, 170mm(4932471730), TORQUE LOCK™ locking pliers - MAXBITE, 250mm(4932471729), TORQUE LOCK™ locking C clamps - Swivel pads, 280mm(4932471727), TORQUE LOCK™ locking C clamps - Swivel pads, 480mm(4932472261)					

Pliers Set Foam Insert

- Optimum leverage for easy and effortless work.
- Cutting edges induction hardened for cutting hard and soft wires.
- Corrosion protection for longer tool lifetime.
- Lanyard hole for easy attachment to the Milwaukee safety range to allow use at heights.

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	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	2pc Water pump pliers and TORQUE LOCK™ locking pliers set foam insert	45 x 178.5 x 417	2	1	**4932493255**	4058546481261
	TORQUE LOCK™ locking pliers - Curved 250mm(4932471725), Adjustable Water pump pliermm(4932492459)					
	Empty 2 pc Water pump & locking pliers Foam Set	45 x 178.5 x 417	1	1	**4932493684**	4058546508449
②	3pc Pliers set foam insert	45 x 178.5 x 417	3	1	**4932493256**	4058546481278
	Combination Plier 180mm (4932492462), Diagonal cutting plier 160mm (4932492463), Long nose plier 205mm (4932492465)					
	Empty 3 pc Pliers Set Foam Insert	45 x 178.5 x 417	1	1	**4932493685**	4058546508456
③	4PC Pliers Foam Insert Set	45 x 178.5 x 417	4	1	**4932493631**	4058546485023
	Combination pliers 180mm (4932492462), Diagonal cutter 160mm (4932492463), Long nose pliers 205 (straight) (4932492465), Waterpump pliers adjustable 240mm (4932492459)					

VDE Pliers Set Foam Insert

- VDE (DIN EN/IEC 60900) certified tools. Tested to 10,000 volts and guaranteed to 1,000 volts. Tested against cold to -40°.
- Steel blades are fully forged, hardened and tempered for best durability. Grey titanium surface finish is non reflective and ensures maximum corrosion resistance.
- Induction hardened cutting edges to cut even the hardest of materials.
- Precision machined joint for maximum power transmission with optimum leverage for easy and effortless work.
- Ergonomic grip with softgrip for comfortable handling and good grip.

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	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	4pc VDE Pliers set foam insert	45 x 178.5 x 417	4	1	**4932493250**	4058546481216
	160mm VDE Diagonal cutter, 205mm VDE long nose plier, 180mm VDE combination plier, 160mm VDE Wire stripping plier					
	Empty 4 pc Insulated Pliers Set Foam Insert	45 x 178.5 x 417	1	1	**4932493679**	4058546508395
②	4PC VDE Pliers Set 2 Foam Insert	45 x 178.5 x 417	4	1	**4932493460**	4058546483319
	160mm VDE Diagonal cutter, 205mm VDE long nose plier, 160mm VDE cable cutter, 160mm VDE Wire stripping plier					
	Empty 4 pc VDE Pliers Set 2 Foam Insert	45 x 178.5 x 417	1	1	**4932493675**	4058546508357

Circlip Pliers Foam Insert Set

- Easier and quicker internal-external conversion with anti-slip grooved dial.
- All-metal convertible dial for resistance against wear and prevents reduction in joint integrity.
- Slip-resistant grips with double-dipped handles.
- Stored in a premium foam.

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	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	3PC Circlip Pliers Foam Insert Set	45 x 178.5 x 417	3	1	**4932493632**	4058546485030
	Medium Circlip Plier - Straight - 1.2mm tip (4932492490), Large Circlip Plier - Straight - 1.8mm tip (4932492493), Large Circlip Plier - 90° - 1.8mm tip (4932492495)					
②	6PC Circlip Pliers Foam Insert Set	45 x 357 x 417	6	1	**4932493633**	4058546485047
	Small Circlip Plier - Straight - 0.9mm tip (4932492487), Small Circlip Plier - 45° - 0.9mm tip (4932492488), Medium Circlip Plier - Straight - 1.2mm tip (4932492490), Large Circlip Plier - Straight - 1.8mm tip (4932492493), Large Circlip Plier - 45° - 1.8mm tip (4932492494), Large Circlip Plier - 90° - 1.8mm tip (4932492495)					

General Tooling Set Foam Insert

- Hex Key Set: Twist and lock case for easy access to keys. Ball end for 30° access to any hex nut
- Pliers: Optimum leverage for easy and effortless work. Cutting edges induction hardened for cutting hard and soft wires
- Engineer Hammer: Reinforced head connection for added durability. Hickory handle providing low vibration
- Hacksaw: Tough metal frame, supports higher tension (25,000 PSi / 250 lbs)
- Magnetic Tape Measure: Strong magnet at start of the tape allows easy hooking onto flat surfaces and round pipe. Compact and ergonomic design



Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
15pc General tooling foam set	45 x 536 x 417	15	1	**4932493257**	4058546481285
Hex Key 9 Pc Set (4932478621), Diagonal cutting plier 160mm (4932492463), Combination Plier 165mm (4932492461), Adjustable Water pump plier 250mm (4932492459), Hickory Engineers Hammer 500g (4932478668), Hacksaw (48220050), Magnetic Tape Measure 5m - 16ft (4932464602)					
Empty 15 pc General Tooling Foam Set	45 x 536 x 417	1	1	**4932493686**	4058546508463

Hammer set foam insert

- Precision balanced design for optimized control
- Durable grip handle with an anti-slip design
- Reduced vibration and minimzed rebound

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	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	2pc Engineer and dead blow hammer set foam insert	45 x 178.5 x 417	2	1	**4932493253**	4058546481247
	Fiberglass Engineers Hammer 500g (4932478663), 790 g Dead Blow Hammer (4932492350)					
	Empty 2 pc Engineer & Dead blow hammer Foam set	45 x 178.5 x 417	1	1	4932493682	4058546508425
②	2pc Ball peen and dead blow hammer set foam insert	45 x 178.5 x 417	2	1	**4932493254**	4058546481254
	450 g Ball Peen Hammer (4932492346), 790 g Dead Blow Hammer (4932492350)					
	Empty 2 pc Ball Peen & Dead blow hammer Foam set	45 x 178.5 x 417	1	1	4932493683	4058546508432

Screwdriver and prybar set foam insert

NEW

- Comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications.
- Pry bars with I-beam design and all-metal core for added durability.
- In-handle bit storage for quick and easy bit access with the 14in1 TX Multi-bit screwdriver.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
38 pc Screwdriver and prybar set foam insert	38	1	**4932500755**	4058546620578
Replacement foam screwdriver and prybar set foam insert	1	1	**4932500761**	4058546620639

1/4″ and 3/8″ Ratchet and socket and bit socket set foam insert

NEW

- FOUR FLAT™ sides on socket deter rolling.
- 90 tooth design ratchet with 4 °of arc swing for tight work spaces.
- Single forged piece bit socket design adds durability in high torque applications.
- Wobble functionality of wobble extension provides additional access in tight spaces and can also be used as a standard extension when fully inserted.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
153 pc 1/4″ and 3/8″ Ratchet and socket and bit socket set foam insert	153	1	**4932500756**	4058546620585
Replacement foam for 1/4'' and 3/8'' Ratchet and Socket and Bit Socket Set Foam Insert	1	1	4932500762	4058546620646

1/2″ Ratchet and impact socket set foam insert

NEW

- FOUR FLAT™ sides on socket deter rolling.
- 90 tooth design ratchet with 4 °of arc swing for tight work spaces.
- Single forged piece bit socket design adds durability in high torque applications.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
60 pc 1/2″ Ratchet and impact socket set foam insert	60	1	**4932500757**	4058546620592
Replacement foam for 60 pc 1/2'' ratchet and impact socket set foam insert	1	1	**4932500763**	4058546620653

Mixed spanner set foam insert

NEW

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- Slim head dimensions of double open end spanners for access in tight areas.
- Ink-filled labels for clear visibility.
- Double ring offset spanners with 75° offset for better access in tight spaces.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
36 pc Mixed spanner set foam insert	36	1	**4932500758**	4058546620608
Replacement foam for 36 pc mixed spanner set foam insert	1	1	**4932500764**	4058546620660

Spanner, lights, cutting and measuring set foam insert

NEW

- MAX BITE™ open-end grip reduces rounding and stripping.
- Rounded I-Beam handle for comfortable handling grip.
- 144 Ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- Ink-filled labels for clear visibility.
- 144 Ratcheting teeth positions giving 2.5° arc swing allowing access in tighter spaces.
- TRUEVIEW™ high definition lighting with up to 400 lumens



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
36pc Spanner, lights, cutting and measuring set foam insert	36	1	**4932500759**	4058546620615
Replacement foam for 36 pc spanner, lights, cutting and measuring set foam insert	1	1	**4932500765**	4058546620677

Pliers and hammer set foam insert

NEW

- Over moulded handle design for increased grip and reduced vibration while using the fiberglass engineer hammer.
- Optimum leverage for easy and effortless work with the MILWAUKEE® pliers.
- Easier and quicker internal-external conversion with anti-slip grooved and all metal dial for the circlip pliers.



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
14pc Pliers and hammer set foam insert	14	1	**4932500760**	4058546620622
Replacement foam for 14pc pliers and hammer set foam insert	1	1	**4932500766**	4058546620684

Cutting and measuring set foam insert

- Compact Hacksaw: Tool free blade change for changing blades up to 10x faster & accepts 12″ blades
- Snap Knife: Metal lock for maximum durability and longer lifetime
- Magnetic Tape Measure: Strong magnet at start of the tape allows easy hooking onto flat surfaces and round pipe. Compact and ergonomic design



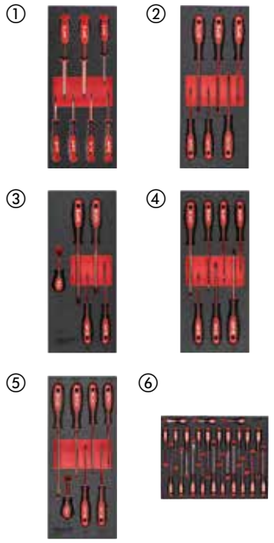


Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3pc Cutting and measuring set foam insert	45 x 178.5 x 417	3	1	**4932493252**	4058546481230
Magnetic Tape Measure 5m - 16ft (4932464602), Snap knife 18mm (48221961), Compact Hacksaw (48220012)					
Empty 3 pc Cutting and Measuring Foam Insert	45 x 178.5 x 417	1	1	**4932493681**	4058546508418

Tri-lobe Screwdriver Foam Inserts

- Comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications
- Hardened magnetic tips for maximum durability and fastener retention
- Wrench ready shank allows extra leverage to be applied
- Anti-roll, 3 sided collar on the handle

	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	7 pc Tri-Lobe Screwdriver TX Set 1 Foam Insert	45 x 178.5 x 417	7	1	**4932492391**	4058546417581
	T7x65, T8x65, T9x75, T10x75, T15x75, T20x100, T25x100					
	Empty 7 pc Screwdriver TX Set 1 Foam Insert	45 x 178.5 x 417	1	1	**4932493669**	4058546508296
②	6 pc Tri-Lobe Screwdriver TX Set 2 Foam Insert	45 x 178.5 x 417	6	1	**4932492392**	4058546417598
	T10x75, T15x75 , T20x100, T25x100, T30x125, T40x125					
	Empty 6 pc Screwdriver TX Set 2 Foam Insert	45 x 178.5 x 417	1	1	**4932493670**	4058546508302
③	5 pc Tri-Lobe Screwdriver PH Set Foam Insert	45 x 178.5 x 417	5	1	**4932492393**	4058546417604
	PH0x75, PH1x100, PH2x125, PH3x150, Stubby PH2x45					
	Empty 5 pc Screwdriver PH Set Foam Insert	45 x 178.5 x 417	1	1	**4932493671**	4058546508319
④	7 pc Tri-Lobe Screwdriver SL Set Foam Insert	45 x 178.5 x 417	7	1	**4932492395**	4058546417628
	SL 0.5x3x75, SL 0.6 x 3.5 x 100, SL 0.8x4x100, SL 1.0x5.5x125, SL 1.2x6.5x125, SL 1.6x8x175, Stubby SL 1.2x6.5x45					
	Empty 7 pc Screwdriver SL Set Foam Insert	45 x 178.5 x 417	1	1	**4932493673**	4058546508333
⑤	7 pc Tri-Lobe Screwdriver SL & PH Set Foam Insert	45 x 178.5 x 417	7	1	**4932492394**	4058546417611
	SL 0.5x3x75, SL 0.8x4x100, SL 1.0x5.5x125, SL 1.2x6.5x125, PH0x75, PH1x100, PH2x125					
	Empty 7 pc Screwdriver SL & PH Set Foam Insert	45 x 178.5 x 417	1	1	**4932493672**	4058546508326
⑥	Trilobe Screwdriver Foam Insert	45 x 536 x 417	23	1	**4932479830**	4058546376246
	SL 2.5 / SL 3 / SL 4 / SL 5.5 / SL 6 / SL 6.5 / SL 8, PH 0 / PH 1 / PH 2 / PH 2 / PH 3, PZ 0 / PZ 1 / PZ 2 / PZ 2 / PZ 3, T 10 / T 15 / T 20 / T 25 / T 30 / T 40					
	Empty 23 pc Trilobe Screwdriver Foam Insert	45 x 536 x 417	1	1	**4932493668**	4058546508289





VDE Tri-lobe Screwdriver Set Foam Insert

- VDE tested to 10000 V and guaranteed to 1000 V
- Slim shank diameter for access to low lying screw applications
- Comfortable Tri-Lobe handle optimized for maximum user comfort and high torque applications
- Permanent visible ID markings allows for quick tool identification

Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
8pc VDE Tri-Lobe screwdriver set foam insert	45 x 178.5 x 417	8	1	**4932493249**	4058546481209
PH0x60, PH1x80, PH2x100, 0.4x2.5x75, 0.6x3.5x100, 0.8x4x100, 1.0x5.5x125, 1.2x6.5x150					
Empty 8 pc Insulated Screwdriver set Foam Insert	45 x 178.5 x 417	1	1	**4932493678**	4058546508388



1/4˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4˝ Sockets deep foam set (17pc)	17	1		
SHOCKWAVE™ IMPACT DUTY1/4“ deep sockets: 4/4.5/5/5.5/6/7/8/9/10/11/12/13mm, magnetic bit holder 152 mm, magnetic bit holder 305mm, screwdriving bit set 32 pcs, adaptor 1/4“ Hex --> 1/4“ square, adaptor 1/4“ square --> 1/4“ Hex, Foam 417x177mm			**4932493386**	4058546482572
Replacement foam for 1/4“ deep sockets. Size 417x177mm	1	1	**4932493385**	4058546482565



3/8˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

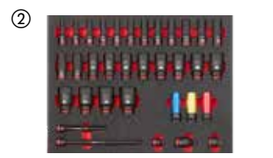
	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	3/8“ sockets STD foam set (23pc)	23	1		
①	SHOCKWAVE™ IMPACT DUTY 3/8“ STD sockets: 6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22mm, extension - 150mm, extension - 250mm, adaptor 3/8“ square --> 1/4“ square, adaptor 3/8“ square --> 1/2“ square, 3/8“ swivel, adaptor 3/8“ square --> 1/4“ Hex, Foam 417x177mm			**4932493388**	4058546482596
	3/8“ Sockets deep foam set (23pc)	23	1		
②	SHOCKWAVE™ IMPACT DUTY 3/8“ deep sockets: 6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22mm, extension - 150mm, extension - 250mm, adaptor 3/8“ square --> 1/4“ square, adaptor 3/8“ square --> 1/2“ square, swivel 3/8“, adaptor 3/8“ square --> 1/4“ Hex, Foam 417x177mm			**4932493390**	4058546482619
	Replacement foam for 3/8“ STD sockets. Size 417x177mm	1	1	**4932493387**	4058546482589
	Replacement foam for 3/8“ deep sockets. Size 417x177mm	1	1	**4932493389**	4058546482602



1/2˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	1/2“ Sockets STD foam set (32pc)	32	1		
①	SHOCKWAVE™ IMPACT DUTY 1/2“ STD socket: 8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/32mm, Automotive Set 1/2“: 17/19/21mm, extension - 150mm, extension - 250mm, adaptor 1/2“ square --> 3/8“ square, adaptor 1/2“ square --> 3/4“ square, 1/2“ swivel, Foam with plastic base 417x536mm			**4932493392**	4058546482633
	1/2“ Sockets deep foam set (34pc)	34	1		
②	SHOCKWAVE™ IMPACT DUTY 1/2“ deep Sockets: 8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/32/33/36mm, Automotive Set 1/2“: 17/19/21mm, extension - 150mm, extension - 250mm, adaptor 1/2“ square --> 3/8“ square, adapter 1/2“ square --> 3/4“ square, 1/2“ Swivel, Foam with plastic base 417x536mm			**4932493394**	4058546482657
	Replacement foam with plastic base for 1/2“ STD sockets. Size 417x536mm	1	1	**4932493391**	4058546482626
	Replacement foam with plastic base for 1/2“ deep sockets. Size 417x536mm	1	1	**4932493393**	4058546482640





3/4˝ SHOCKWAVE™ IMPACT DUTY Foam Inserts

	Description	Pack quantity	Min. order quantity	Article Number	EAN Code
	3/4“ Sockets STD foam set (12pc)	12	1		
①	SHOCKWAVE™ IMPACT DUTY 3/4“ STD sockets: 22/24/27/30/32/33/36mm, extension 150mm, extension 250mm, adaptor 3/4“ square --> 1/2“ square, 3/4“ swivel, adapter 3/4“ square --> 1“ square, Foam with plastic base 417x355mm			**4932493396**	4058546482671
	3/4“ Skts. deep foam set 1-12pc	12	1		
②	SHOCKWAVE™ IMPACT DUTY 3/4“ deep sockets: 22/24/27/30/32/33/36mm, extension 150mm, extension 250mm, adaptor 3/4“ square --> 1/2“ square, 3/4“ swivel, adaptor 3/4“ square --> 1“ square, Foam with plastic base 417x355mm			**4932493398**	4058546482695
	Replacement foam with plastic base for 3/4“ STD sockets. Size 417x355mm	1	1	**4932493395**	4058546482664
	Replacement foam with plastic base for 3/4“ deep sockets. Size 417x355mm	1	1	**4932493397**	4058546482688

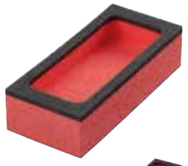
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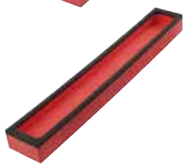
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Empty Foam Inserts

- High density of foam improves durability and resistance to abrasion
- Quick and easy identification of tools and accessories due to the red background
- Laser cut foam to maximize the space in the 46˝ Steel Storage
- Ideal to store additional sockets, accessories, coins, screws and other small parts

	Description	Dimensions (Outer) (H x W x D / mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
①	Small Foam for 46˝ Steel Storage	45 x 178.5 x 78	1	1	**4932492389**	4058546417567
②	Large Foam for 46˝ Steel Storage	45 x 536 x 78	1	1	**4932492390**	4058546417574
③	Empty Foam for 46“ Steel Storage Width 165mm	45 x 165 x 496	1	1	**4932493635**	4058546485061
④	Empty Foam for 46“ Steel Storage Width 115mm	45 x 115 x 496	1	1	**4932493636**	4058546485078

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Notes

Nothing but **HEAVY DUTY.**™

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