

Milwaukee®

Nothing but **HEAVY DUTY.**™



2025

ACCESSORIES CATALOGUE



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4X

LIFE IN REBAR*

*vs. 2 cutter drill bit in concrete

At MILWAUKEE®, we strive to do things better. To make life easier in the toughest working conditions. We pour our energy into the relentless improvement of our products, and even the most minor improvements begin with understanding the challenges of the jobsite.

This intrinsic understanding of the challenge has led to the creation of our next generation MX4™, a game-changer in drill bit technology. Solid carbide construction means longer life, Target Tip Technology and a sharper angled tip means greater accuracy and next level speed in drilling through the toughest materials.

MX4™ is the benchmark in SDS-Plus and SDS-Max drill bits. Because at MILWAUKEE®, every bit matters.



NEW
TARGET TIP TECHNOLOGY
IMPROVED PERFORMANCE ON REBAR

FULL CARBIDE TIP*
FOR BEST PERFORMANCE
*≤10MM

SHARPER ANGLED TIP
IMPROVED REBAR PERFORMANCE

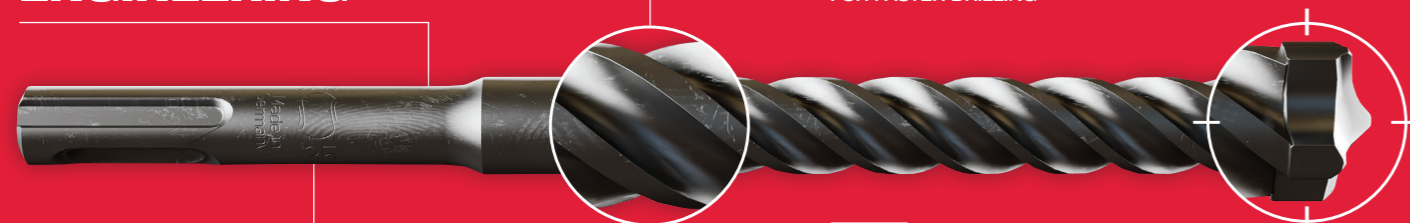
116 HOLES PER CHARGE*

* at a depth of 50mm with a 6mm MX4 drill bit, using a 5.5amp High output battery.

PRECISION GERMAN ENGINEERING

4 VARIABLE FLUTE DESIGN

FOR FASTER DRILLING



PGM RATED
FOR PRECISE DRILLING

NEW TARGET TIP TECHNOLOGY

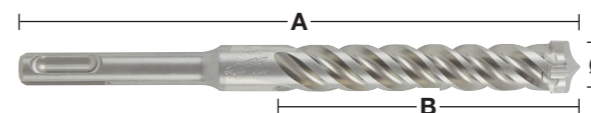
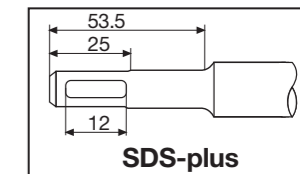
SDS-Plus MX4 drill bits - 4 cut



Symmetrical 4 cutter geometry (4 x 90°). Perfect round holes for optimal anchor fitting. New sharper angled tip design for easy spot drilling with pinpoint accuracy and increased performance on rebar.

One piece solid full welded carbide tip on 5-10 mm and one piece slotted carbide tip on 12-32 mm for best lifetime.

4 flute geometry: The high volume 4 flute geometry ensures the optimum removal of dust and debris. PGM rated.



Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
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
10	1000	940	✓	1	1	4932352946	4002395376049
11	160	100		1	1	4932492022	4058546413347
11	210	150		1	1	4932492023	4058546413354
12	160	110		1	1	4932352031	4002395366880
12	210	160		1	1	4932352032	4002395366897
12	260	210		1	1	4932352033	4002395366903
12	310	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	160	100		1	1	4932492025	4058546413378
13	210	150		1	1	4932492026	4058546413385
14	160	110		1	1	4932352036	4002395366934
14	210	150		1	1	4932352037	4002395366941
14	260	200		1	1	4932352949	4002395376070
14	310	260		1	1	4932352038	4002395366958

✓ 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
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	160	100		1	1	4932430725	4002395383863
15	260	200		1	1	4932352952	4002395376100
15	450	400	✓	1	1	4932492027	4058546413392
16	160	110		1	1	4932430726	4002395383870
16	210	160		1	1	4932352953	4002395376117
16	260	210		1	1	4932352819	4002395374779
16	310	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	210	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	160	100	10	1	4932352049	4002395367061
12	210	150	10	1	4932352050	4002395367078
12	260	200	10	1	4932471256	4058546288846
14	210	150	10	1	4932471257	4058546288853
16	260	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
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	160	100	50	1	4932472160	4058546325565
12	210	150	50	1	4932430443	4002395381043
12	310	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, Ø 6 / 8 x 165 mm, Ø 10 x 165 mm	Plastic cassette	5	12	4932498297	4058546521660
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	4932498298	4058546521677
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	4932492113	4058546414801
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	4932492114	4058546414818
SDS-Plus MX4 drill bit set (10pc)					
② Ø 5 / 6 / 6 x 115 mm, Ø 6 / 6 / 8 / 8 / 10 / 12 x 165 mm	Plastic cassette	10	6	4932492115	4058546414825



DESIGNED FOR USE IN
PACKOUT



PROFESSIONAL FAST DRILLING IN CONCRETE



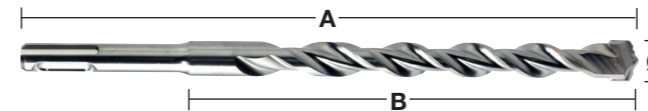
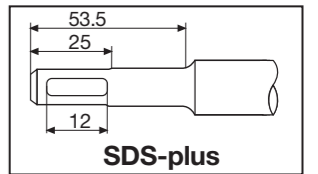
SDS-Plus M2 drill bits - 2 cut



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



**25%
FASTER**
3 BREAKER POINTS

*vs. previous generation



**2
VARIABLE
FLUTE
DESIGN**



**2
CUTTER**
IDEAL IN CONCRETE
DRILLING APPLICATIONS
WITH CORDLESS HAMMERS

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

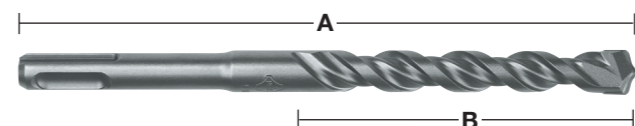
SDS-Plus M2 drill bits - 2 cut



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



INVESTMENT IN CARBIDE



RESEARCH DEVELOPMENT
NEW TECHNOLOGIES

PROTOTYPING
RAPID PROTOTYPING



TESTING
COMPREHENSIVE TESTING

PRODUCTION
BEST IN CLASS PRODUCTION



MADE IN GERMANY

SDS-PLUS

SDS-MAX

CHISELS

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.

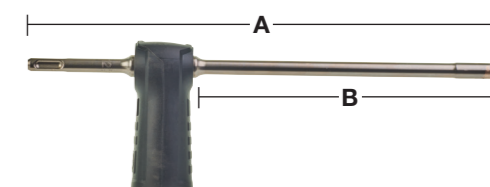
	Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
①	5	136	100	1	1	4932471155	4058546287832
②	6	136	100	1	1	4932471156	4058546287849
③	8	136	100	1	1	4932471157	4058546287856
④	10	136	100	1	1	4932471158	4058546287863
⑤	12	136	100	1	1	4932471159	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

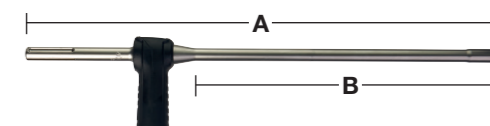
Faster and more efficient drill bit due to effective dust removal.
Efficient drilling without dust for a safer and cleaner working environment.
Active drill bit head cooling for a longer life. Accurate concentricity and high dimensional accuracy drilled holes, according to PGM Conformity.
Universal connector 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
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① Dust collection ring for collecting dust when overhead drilling. Suitable for Ø 5 - 8 mm

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)

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

④ Drilling shroud - PHDE152

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



②



③



④



⑤



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 standard 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.

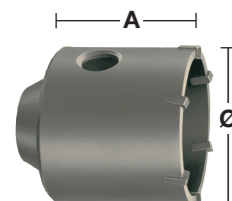
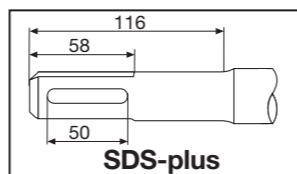
Hose clip adapter for easy attachment to MILWAUKEE® vacuum cleaners.

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



SDS-Plus TCT core cutters

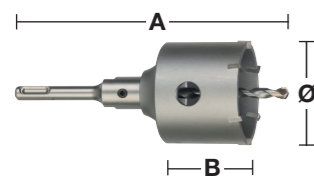
Core cutters for rotary hammers up to 4 kg.
All TCT cores have a M16 x 2 thread and fit to both SDS-Plus and Hex 11 arbors.
Arbor and pilot drill bit required additionally.
Made in Germany.
Not suitable for reinforced concrete.



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

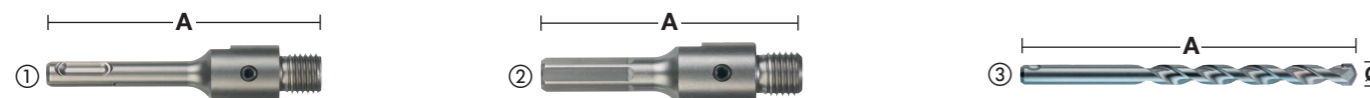
Set version includes: TCT core cutter, SDS-Plus arbor 105 mm length, TCT pilot drill bit Ø 8 x 120 mm and allen key.



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



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

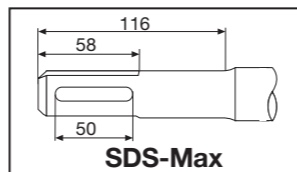
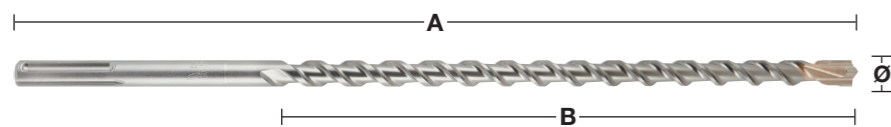
PRECISION GERMAN ENGINEERING

NEW TARGET TIP TECHNOLOGY

PGM 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



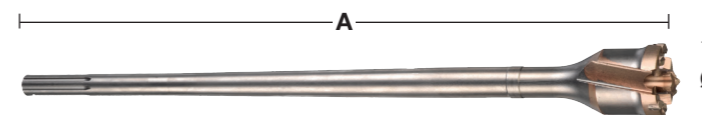
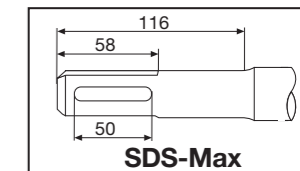
Diameter (mm)	Total length (mm) A	Working length (mm) B	Pre-drill	Pack quantity	Min. order quantity	Article Number	EAN Code
12	340	200		1	1	4932352750	4002395374083
12	540	400	✓	1	1	4932352751	4002395374090
12	740	550		1	1	4932430727	4002395383887
14	340	200		1	1	4932352752	4002395374106
14	540	400	✓	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

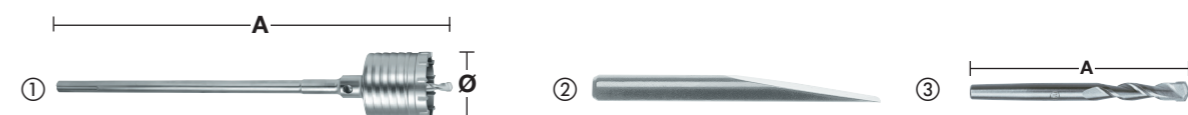
One piece solid steel tool.
Premium 3 cutter centering drill bit.
Massive head with 3 large dust removal channels.
Rebar chamfers to prevent side tip damage when hitting metal reinforcement.
Suitable for reinforced concrete.
Made in Germany.



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

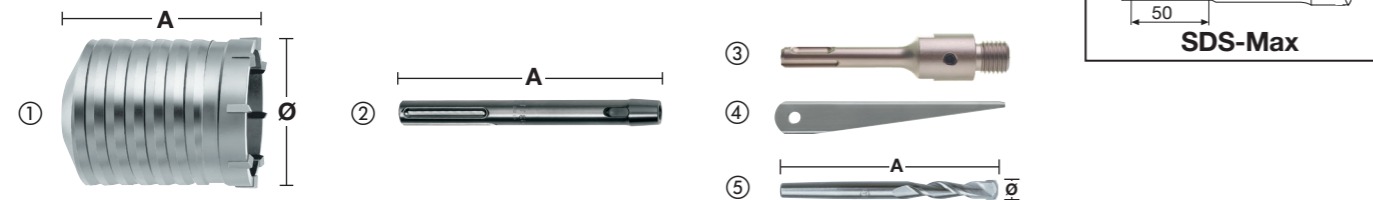
One piece solid steel tool.
Increased lifetime.
Supplied with pilot drill bit and ejector tool.
Made in Germany.
Suitable for use in reinforced concrete with rebar.



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
② Arbor SDS-Max	100	100	1	1	4932367304	4002395336432
	125	100	1	1	4932367306	4002395336456
	150	100	1	1	4932367308	4002395336470
	-	180	1	1	4932343667	4002395315932
③ SDS+ Arbor for SDS-Max TCT core cutters	-	450	1	1	4932343670	4002395315949
	-	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

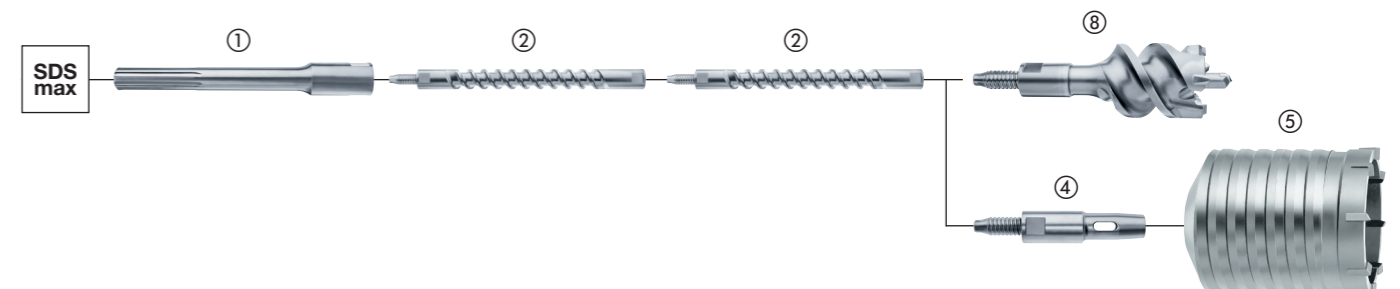
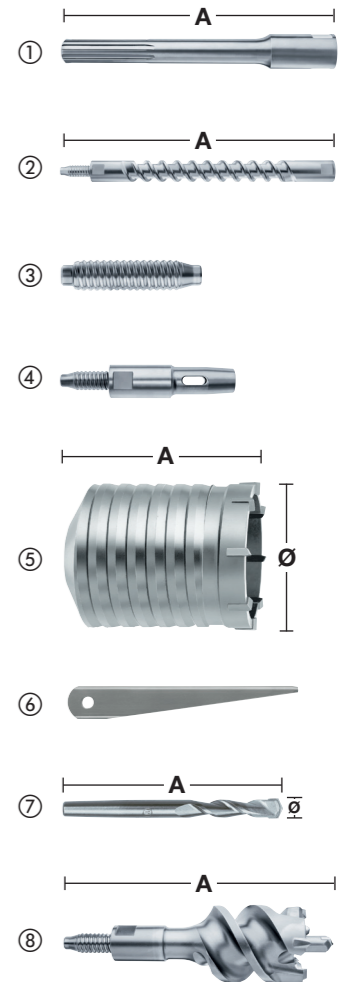


Description	Tool reception	Drill reception	Pack quantity	Min. order quantity	Article Number	EAN Code
SDS-Max to SDS-Plus chuck adaptor	SDS-Max	SDS-Plus	1	1	4932359490	4002395325795

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
⑥ Ejector tool	100	100	1	1	4932367304	4002395336432
	125	100	1	1	4932367306	4002395336456
	150	100	1	1	4932367308	4002395336470
	-	-	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

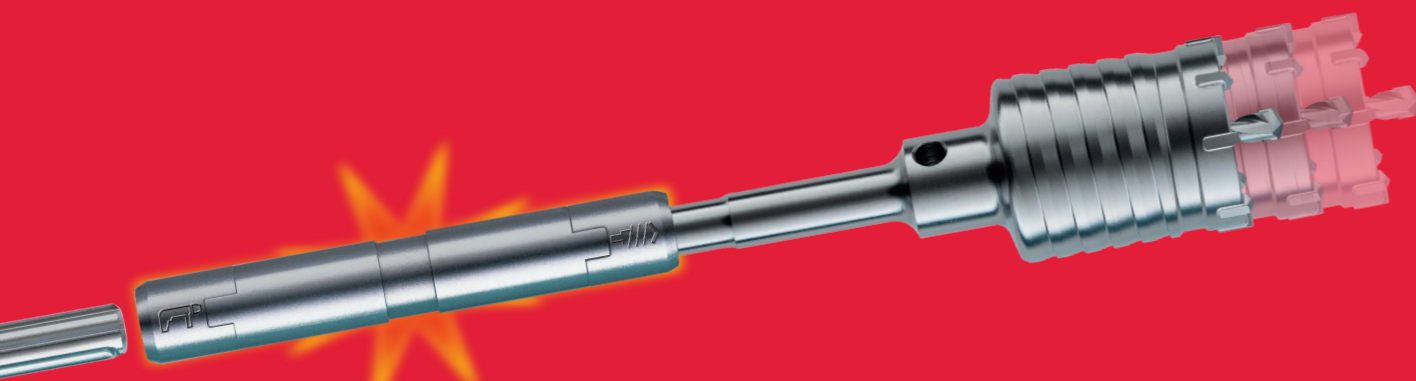
The innovative Drill Connect System is the ultimate solution for those requiring maximum versatility with large diameter drilling tools.

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:

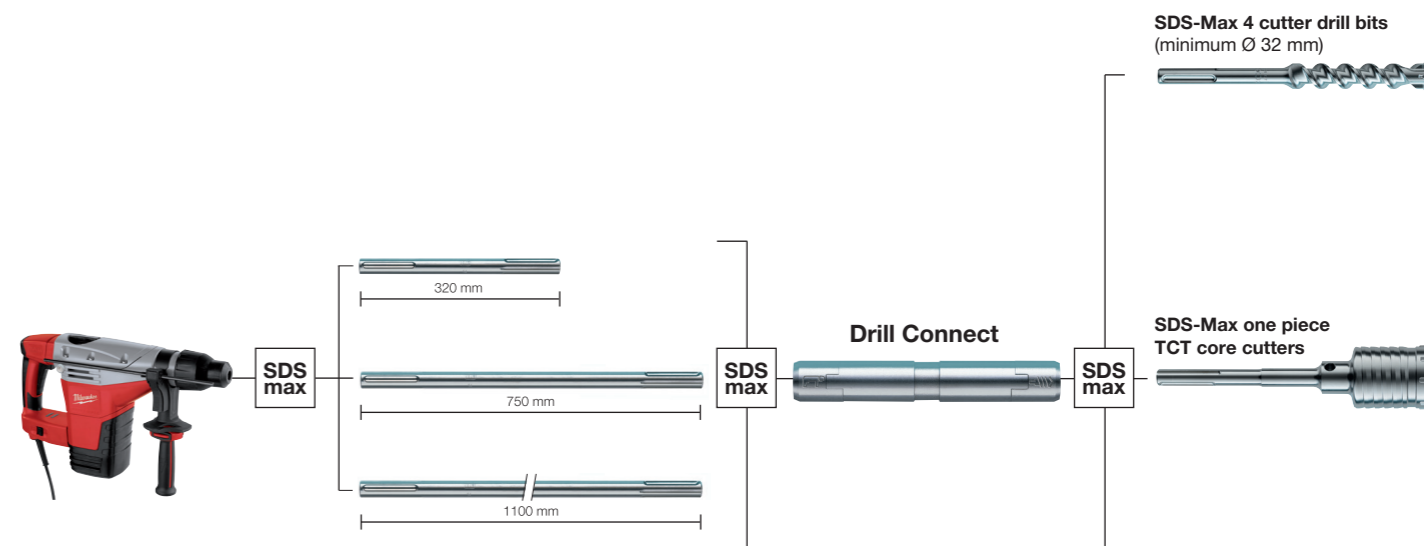
The Drill Connect attachment provides a quick and safe connection between drilling tool and extension piece and therefore ensures that 100% of the power is completely transmitted to the drill bit tip.



Less weight:

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

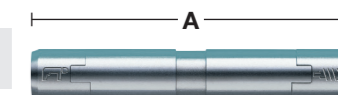
- We recommend that Drill Connect be cleaned of concrete dust and lubricated with grease at regular intervals (Grease – Part-no. 4932352273).
- Drill Connect is only suitable for drilling tools in excess of 32 mm diameter and limited for use with rotary hammers up to 8 kg in weight.



Drill connect

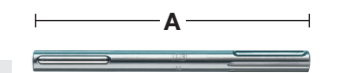
Suitable for use with drilling tools with a Ø of 32 mm and above.
For use with rotary hammers up to 8 kg in weight.

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

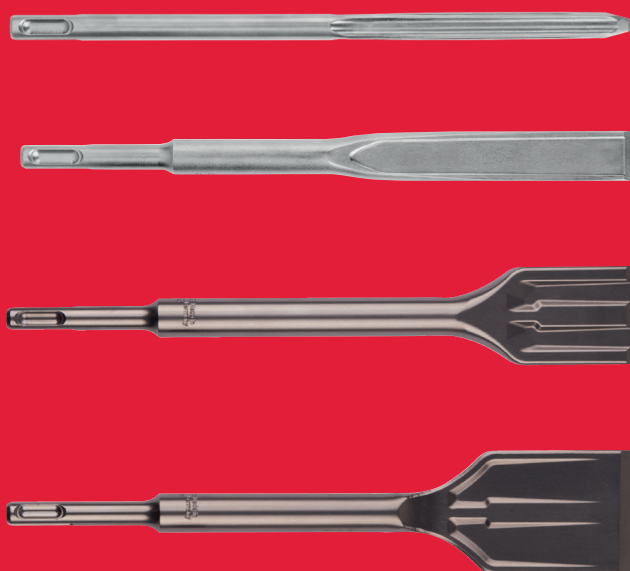


SLEDGE™ CHISELS

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

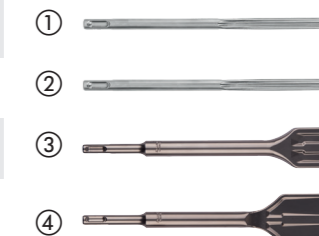
MADE IN
GERMANY

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

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	-	10	1	4932493607	4058546484781
② SDS-Plus SLEDGE™ flat chisel	250	20	10	1	4932493609	4058546484804
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.

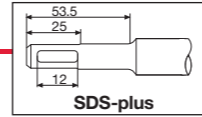
Description	Total length (mm)	Blade width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① SDS-Max SLEDGE™ pointed chisel	400	-	20	1	4932478266	4058546344436
② SDS-Max SLEDGE™ flat chisel	400	25	20	1	4932478274	4058546344511
③ SDS-Max SLEDGE™ 2 wide chisel	380	50	1	1	4932478267	4058546344443
④ SDS-Max SLEDGE™ 3 wide chisel	300	80	1	1	4932478275	4058546344528
⑤ SDS-Max SLEDGE™ tile chisel	380	50	1	1	4932478268	4058546344450
⑥ SDS-Max SLEDGE™ tile chisel	300	50	1	1	4932478269	4058546344467
⑦ SDS-Max floor scraping tool	635	152	1	1	4932478270	4058546344474
⑧ SDS-Max floor scraping service set (10pc)			10	1	4932480474	4058546407599
1 x blade 152x180x1.5 mm, 1 x clamping blade, 4 x nuts, 4 x countersunk bolts						



Scan the
QR Code
to see our
full video.



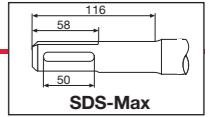
SDS-Plus chisels



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
	280	-	1	1	4932343734	4002395317509
① SDS-Max pointed chisel	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
	300	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	50	1	1	4932352918	4002395375769
	220	Ø 13.3	1	1	4932451354	4002395159031
⑨ SDS-Max electrode / ground rod driver	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

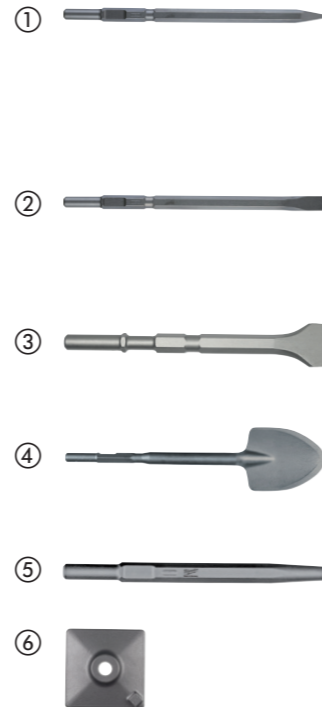
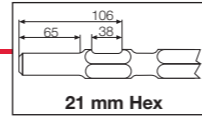


Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
Universal taper shank SDS-Max	300	1	1	4932343771*	4002395317745

*Until stocks last

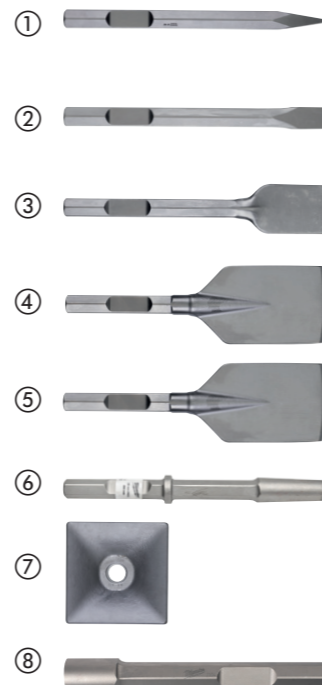
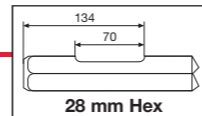
21 mm Hex chisels

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



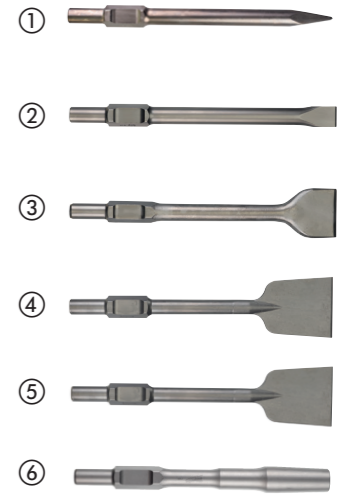
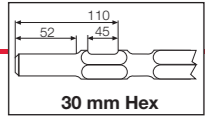
28 mm Hex chisels

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

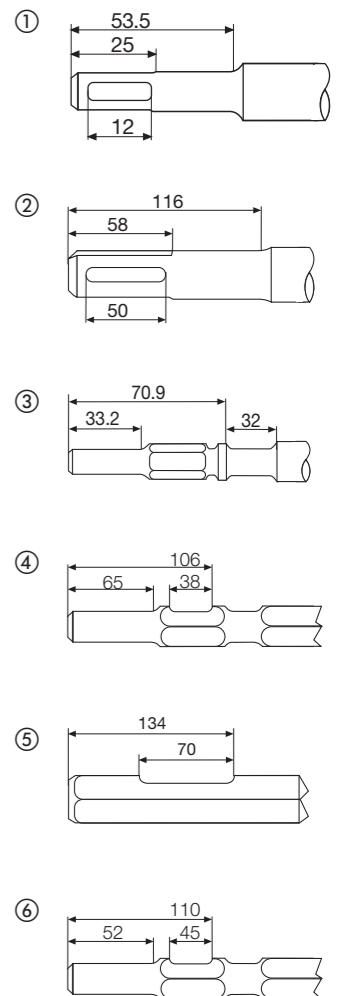


30 mm Hex chisels

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®



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	6	4932493871	4058546510312		

Multi material drill bit set (8pc)						
Ø 4 x 100 mm, Ø 5 / 5.5 / 5.5 x 108mm, Ø 6 / 7 x 108mm, Ø 8 / 10 x 120mm	8	6	4932493872	4058546510329		

DESIGNED FOR USE IN
PACKOUT



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



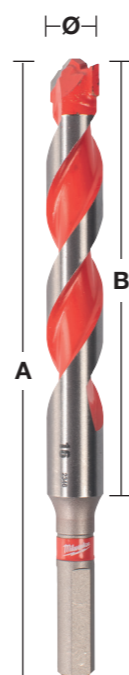
SHOCKWAVE IMPACT DUTY



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
Premium concrete drill bit set (8pc)						
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)						
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



Hammer drill bits - round shank

Diamond ground percussion carbide tip with two cutting edges. For drilling in brick, soft ceramic tile, plaster and aerated concrete blocks. From Ø13 mm the drill bits are supplied with a multi-flat shank to prevent the drill bits slipping in the chuck.

Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
3	60	30	1	1	4932480123	4058546404086
3.5	60	30	1	1	4932480124	4058546404093
4	70	35	1	1	4932480125	4058546404109
5	85	45	1	1	4932480126	4058546404116
5	150	90	1	1	4932480127	4058546404123
5.5	100	60	1	1	4932480128	4058546404130
5.5	150	90	1	1	4932480129	4058546404147
6	100	60	1	1	4932480130	4058546404154
6	150	90	1	1	4932480131	4058546404161
6	200	140	1	1	4932480132	4058546404178
6.5	100	60	1	1	4932480133	4058546404185
6.5	150	90	1	1	4932480134	4058546404192
7	100	55	1	1	4932480135	4058546404208
7	150	90	1	1	4932480136	4058546404215
8	110	60	1	1	4932480137	4058546404222
8	150	90	1	1	4932480138	4058546404239
8	200	140	1	1	4932480139	4058546404246
9	110	60	1	1	4932480140	4058546404253
10	110	60	1	1	4932480141	4058546404260
10	150	90	1	1	4932480142	4058546404277
10	200	140	1	1	4932480143	4058546404284
10	400	315	1	1	4932480144	4058546404291
11	150	90	1	1	4932480145	4058546404307
12	150	90	1	1	4932480146	4058546404314
12	200	140	1	1	4932480147	4058546404321
12	400	315	1	1	4932480148	4058546404338
13	150	85	1	1	4932480149	4058546404345
14	150	85	1	1	4932480150	4058546404352
14	200	135	1	1	4932480151	4058546404369
14	400	315	1	1	4932480152	4058546404376
16	150	85	1	1	4932480153	4058546404383
16	400	315	1	1	4932480154	4058546404390
18	160	95	1	1	4932480155	4058546404406
20	160	95	1	1	4932480156	4058546404413
Concrete drill bit set (5pc)			5	1	4932480157	4058546404420
Concrete drill bit set (8pc)			8	1	4932480158	4058546404437



SHOCKWAVE IMPACT DUTY

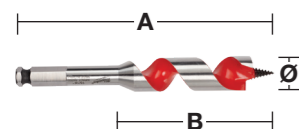


Impact rated wood auger bits

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 selffeeding 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.



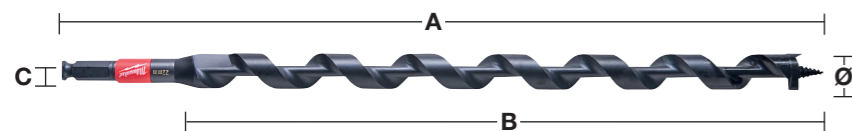
Impact wood auger bits - short series



Special short design enables drilling in tight and normally non accessible places.

Diameter (mm)	Total length (mm) A	Working length (mm) B	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
18	153	100	7/16" Hex	1	1	48130683	045242091379
20	153	100	7/16" Hex	1	1	48130813	045242091522
22	153	100	7/16" Hex	1	1	48130873	045242091638
25	153	100	7/16" Hex	1	1	48131003	045242091782
28	153	100	7/16" Hex	1	1	48131123	045242091935
32	153	100	7/16" Hex	1	1	48131253	045242092031

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 and selffeed 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" selffeed bits and impact auger bits	1	1	48660061	045242155118

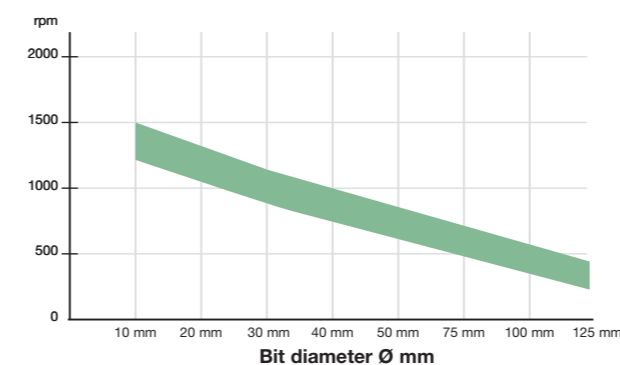


WOOD DRILLING SPEEDS

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

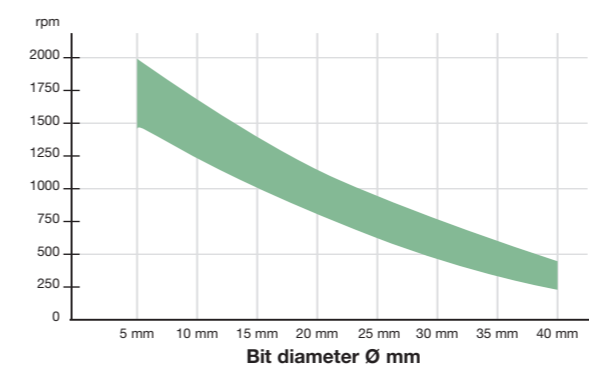
Forstner bits / Selffeed bits



Optimum drilling speed range in rpm



Auger bits

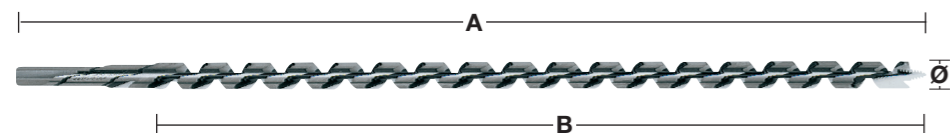


Optimum drilling speed range in rpm



Wood auger bits

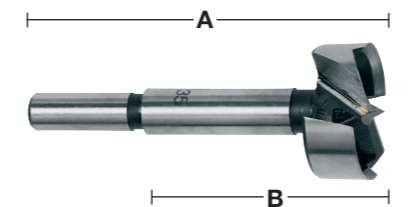
For heavy duty, precision drilling in soft and hard wood, large section beams, joists, floor boarding, chipboard and plywood.
Lewis flute design for rapid chip removal.
With Hex shank for secure chuck grip.



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
Wood auger bits set (6pc)			Wood case	6	1	4932373380	4002395349258
① Ø 8 / 10 / 12 / 14 / 16 / 18 mm x 230 mm							

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	4932373923	4002395353538
Forstner drill bits set (5pc)				5	1	4932373379	4002395349241
① Ø 15 / 20 / 25 / 30 / 35 mm							

SHOCKWAVE IMPACT DUTY

SHOCKWAVE IMPACT DUTY

SWITCHBLADE™ selffeed 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 selffeed 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™ selffeed bits set (5pc) 4 x SWITCHBLADE™ selffeed 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



Description	Pack quantity	Min. order quantity	Article Number	EAN Code
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

Selffeed 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 selffeed 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	49960060	045242221455
Set screw for drills up to 65 mm		1	1	06832625	-



Large selffeed bits

Large selffeed 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



Selffeed bits contractors kit

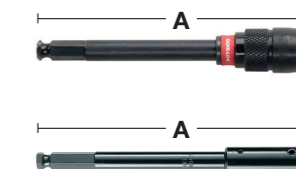
Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Selffeed bit contractors kit (8pc) Selffeed bits Ø 25 / 29 / 32 / 38 / 44 / 54 / 65 mm, extension 140 mm length and feed screws	8	1	4932479488	4058546372828



Shank extensions

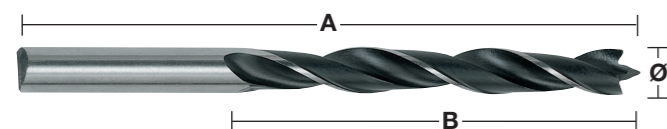
For selffeed bits, auger bits and holesaws (25 mm / 1" diameter and larger) with 7/16" Hex shank

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

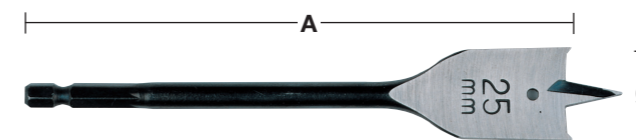
Suitable for drilling hardboard, plywood, chipboard and all natural hard and soft wood.
Produced according to DIN 7487 E.



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, morticing, electrical and plumbing work.
1/4" 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.



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	1/4" Hex	1/4" Hex	1	1	4932363148	4002395332793

SPEED FEED™ wood drill bits

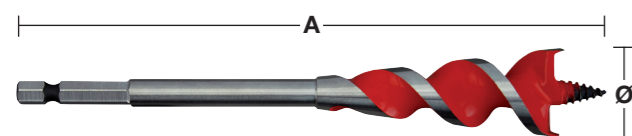
Step up from flat bit in quality and performance - faster drilling, higher lifetime and less jamming!
Dual cutting edges for fast and aggressive cut - up to 10 times faster drilling vs. flat boring bit.
Tapered design for reduced chip clogging, less friction and less jamming even in tough applications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



Dual cutting edges



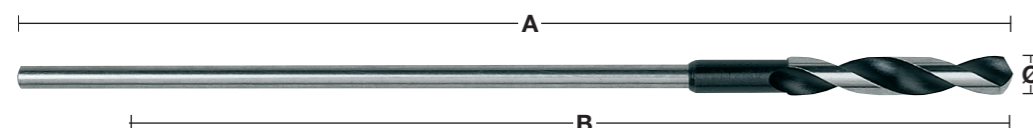
Tapered design



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

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



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
	For standard drilling in ferrous/non ferrous metals and plastics	The wide cutting edge provides a drill bit that is robust and resistant to sideways pressure. Due to the wide cutting edge higher feed pressure is required. Can be easily resharpened.
	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.
	For drilling in high strength steel and high alloy steels. Also suitable for drilling thin sheet material.	Robust and resistant to sideways pressure.
	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.
	For drilling cast iron.	Extended major cutting edges reduce wear on the cutting corners for improved lifetime. Good heat conduction. Resistant to sideways pressure.
	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.
	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.
	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.

Material class	Material type	Hardness/ Tensile Strength N/mm ²	Rockwell	Hole diameter Ø mm – RPM					Cooling agent	
				Ø 1-2	Ø 3-5	Ø 6-10	Ø 11-15	Ø 16-20		
Steel	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	
		> 800	> HRC 21	1950	800	390	275	200	Drilling emulsion, ester oil	
Alloyed tool 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	
		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?



MATERIAL CLASS	MATERIAL TYPE	HARDNESS/ TENSILE STRENGTH N/MM ²	ROCKWELL	HSS-R DIN 338	HSS-G THUNDERBOLT 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								DRILLING EMULSION, CUTTING OIL
	SHEET STEEL	< 800	< HRC 21								DRILLING EMULSION, ESTER OIL
	NON-ALLOYED TOOL STEEL	< 800	< HRC 21								DRILLING EMULSION, CUTTING OIL
CAST IRON	ALLOYED TOOL STEEL	< 800	< HRC 21								DRILLING EMULSION, ESTER OIL
	ALLOYED HARDENED & TEMPERED STEEL	< 1200	< HRC 37								DRILLING EMULSION, ESTER OIL
STAINLESS STEEL	STAINLESS STEEL	< 1000	< HRC 30								RAPESEED OIL, CUTTING OIL
	STAINLESS STEEL	1000-1200	HRC 30-37								RAPESEED OIL, CUTTING OIL
COPPER	MALLEABLE CAST IRON	750	HRB 99								DRY
	SOFT	450	HRB 75								DRILLING EMULSION, CUTTING OIL
	HARD	700	HRB 96								DRILLING EMULSION, CUTTING OIL
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

HSS-TIN METAL DRILL BITS

SHOCKWAVE
IMPACT DUTY

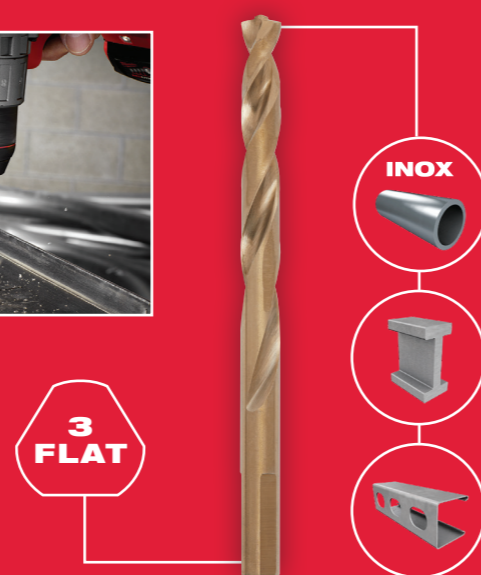


FOR IMPACTS AND DRILLS

RED COBALT

HSS-CO METAL DRILL BITS

3 FLAT



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.

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

SHOCKWAVE™ HSS-G TiN Red Hex drill bits set (10pc)						
①	Ø 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10 mm	10	6	4932493865	4058546510251	

SHOCKWAVE™ HSS-G TiN Red Hex drill bit set (19pc)						
②	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	6	4932493866	4058546510268	

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



Ø



DESIGNED FOR USE IN PACKOUT



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.

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.

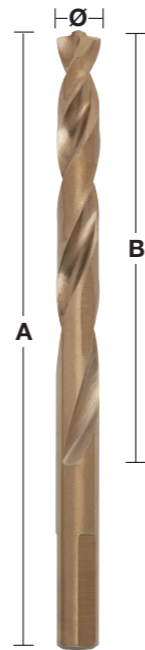
Variable flute geometry: For faster material ejection. Helps the bit run cooler and prevent it from burning out faster.

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



DESIGNED FOR USE IN
PACKOUT™

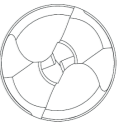


Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0	34	12	2	1	4932363248	4002395333080
1.5	40	18	2	1	4932363249	4002395333097
2.0	49	24	2	1	4932363250	4002395333103
2.5	57	30	2	1	4932363251	4002395333110
3.0	61	33	2	1	4932363253	4002395333134
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 (19pc)			19	1	4932493867	4058546510275
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						
② RED COBALT HSS-Ground set (25pc)			25	1	4932493868	4058546510282
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						

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
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
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

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



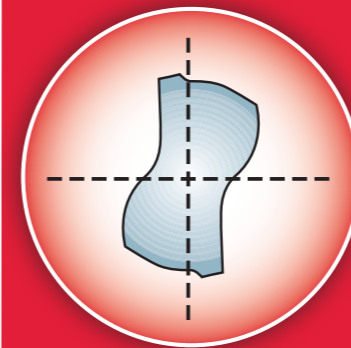
Material Quality	HSS	HSS Cobalt
Steel (N/mm ²) < 900	✓	✓
Steel (N/mm ²) < 1300	◆	✓
Stainless Steel		✓
Aluminium	✓	✓
Cast Iron	◆	✓
Plastics	✓	

THUNDERWEB

Metal drill bits HSS Ground - DIN 338

Milwaukee **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.



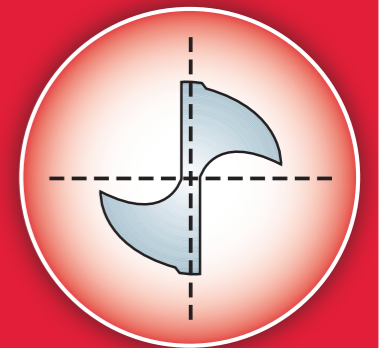
Parabolic web cross section

- 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.



Standard drill bit

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



Conventional type web cross section

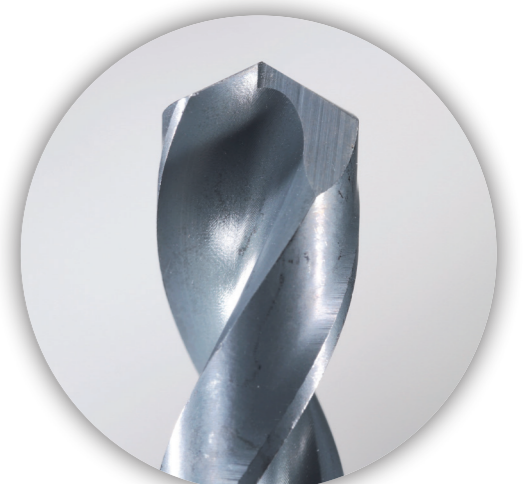
THUNDERWEB SPECIFICATION

FLUTE GEOMETRY

- **THUNDERWEB** flute form ejects hot chips rapidly. Disseparates 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.

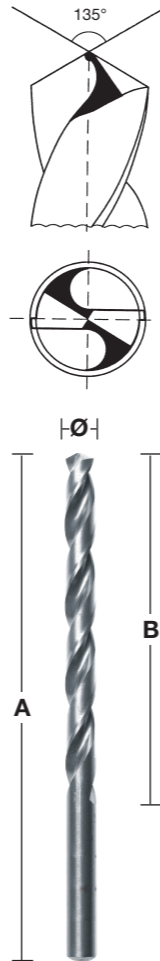
135° SPLIT POINT

- 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



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



THUNDERWEB - DIN 338 - 5 and 10 pack

Diameter (mm)	Total length (mm)	Working length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
9.9	133	87	5	1	4932459883	4058546030551
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

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	4932493869	4058546510299
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	4932493870	4058546510305

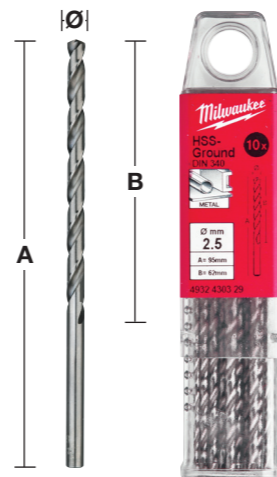
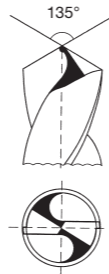
DESIGNED FOR USE IN
PACKOUT™



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

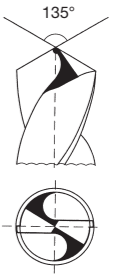
High quality high speed steel.
Split point DIN 1412 C.
Right hand cutting edge.
135° angle for improved centering.
Most suitable for drilling deep holes in channels or where there are hollow sections.
Suitable for drilling steel, cast iron, alloyed and non alloyed material up to 900 N/mm².
Also suitable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

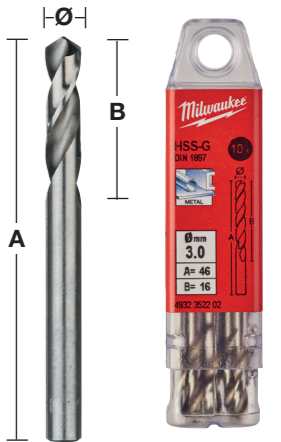


HSS-G metal drill bits - short - DIN 1897 - 5 and 10 pack

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.

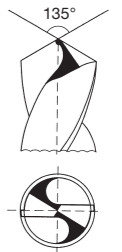


Diameter (mm)	Total length (mm) A	Working length (mm) B	Pack quantity	Min. order quantity	Article Number	EAN Code
2.0	38	12	10	1	4932352200	4002395368532
2.5	43	14	10	1	4932352201	4002395368549
3.0	46	16	10	1	4932352202	4002395368556
3.2	49	18	10	1	4932352203	4002395368563
3.3	49	18	10	1	4932352204	4002395368570
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

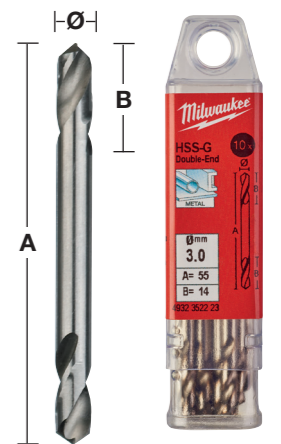


HSS-G metal drill bits - double ended - 10 pack

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 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 - 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 - 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: 1/4" 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

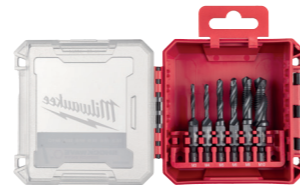
1/4" HSS-G Combi Drill Tap Set - 6 pc

6 1 4932498267 4058546521363

M3, M4, M5, M6, M8, M10



DESIGNED FOR USE IN
PACKOUT



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:



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.

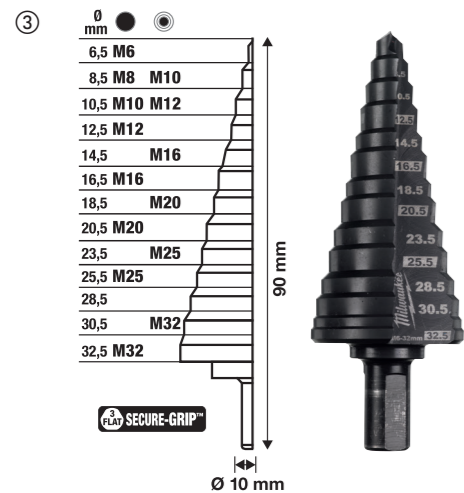
Special tip and step geometry for jam-free performance - less risk of drill snagging when used with cordless tools and also prevents deformation of the drilled material.

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)				2	1	48899398	045242529216
Includes 2 cobalt step drill bits: 4 - 20 mm, 6 - 35 mm							



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.

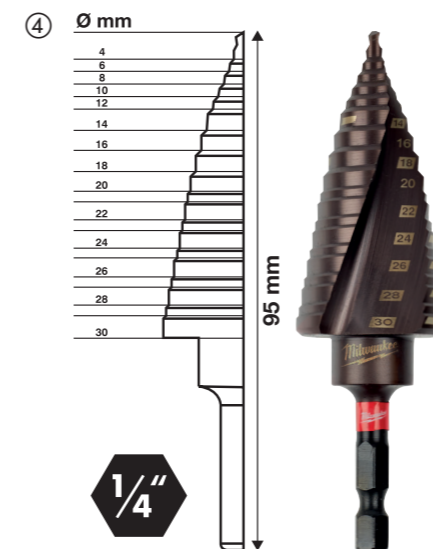
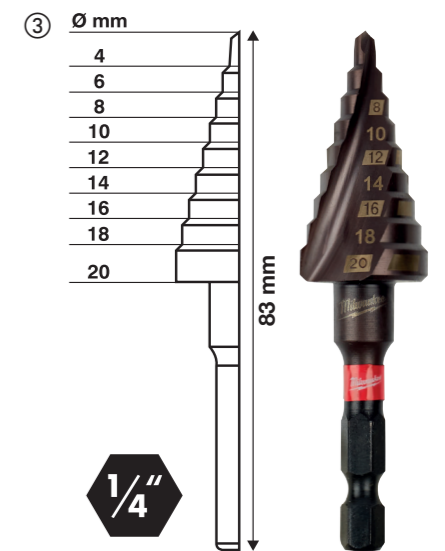
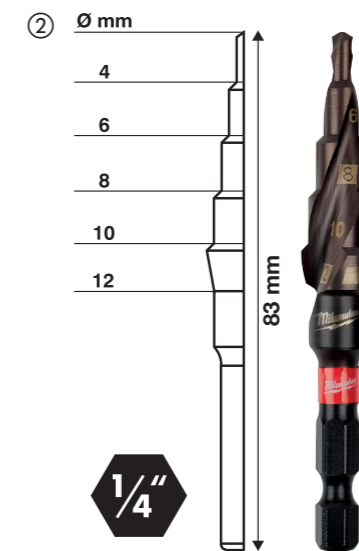
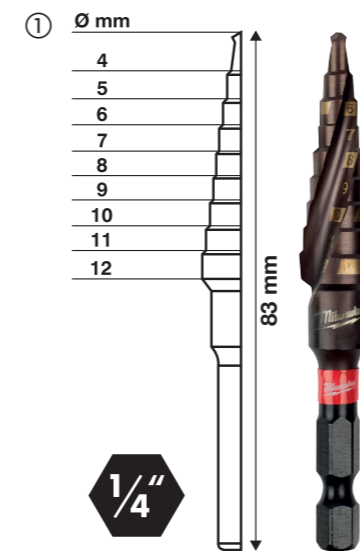
RAPID STRIKE TIP™: Accurate start without walking and fast drilling without the need to pre-drill the material.

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

Laser engraved markings: Do not wear away with time.

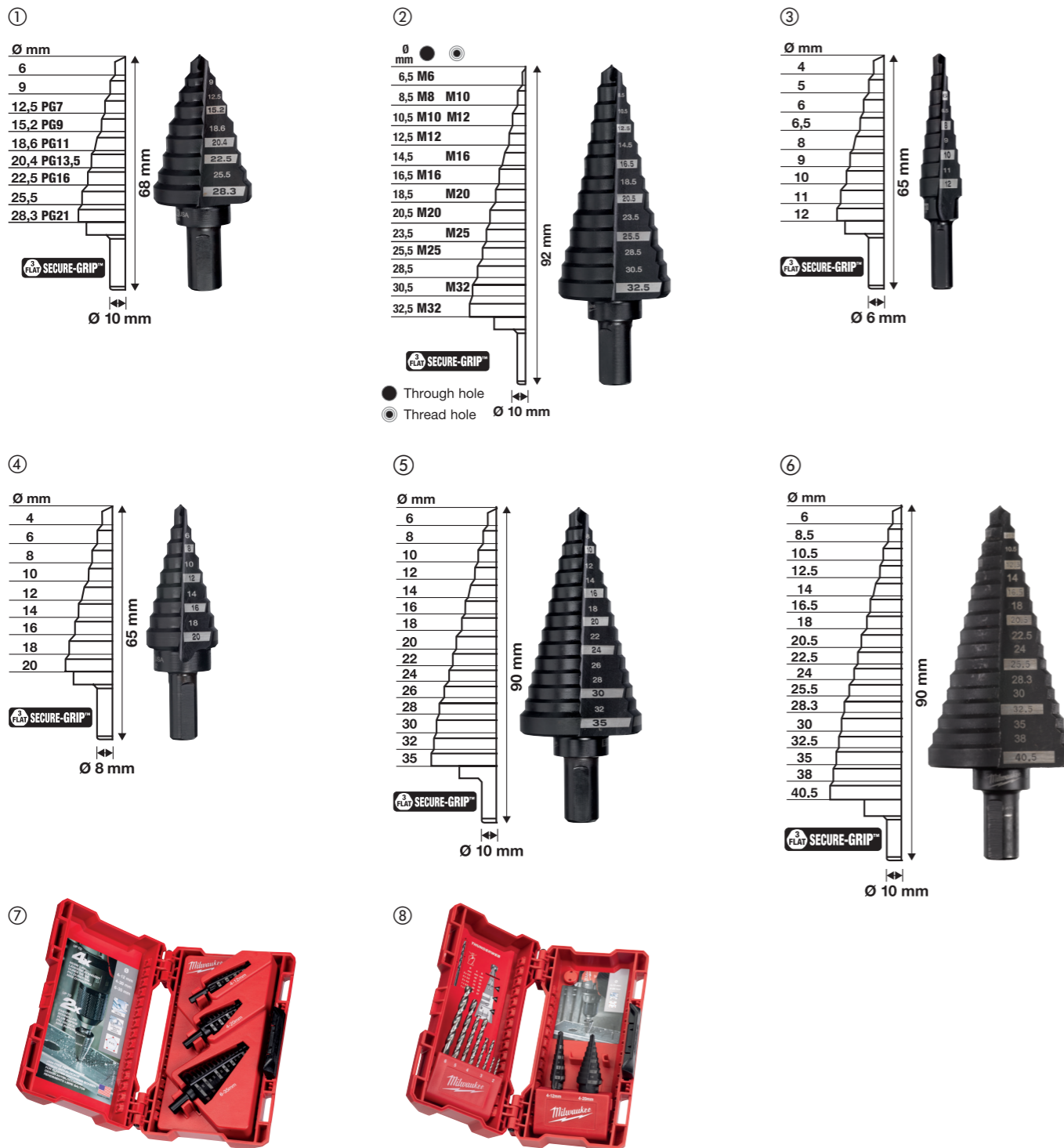


Description	Shank diameter (mm)	Overall length (mm)	No. of steps	Pack quantity	Min. order quantity	Article Number	EAN Code
① 4 - 12 mm / 1"	1/4" Hex	83	9	1	1	48899261	045242505166
② 4 - 12 mm / 2"	1/4" Hex	83	5	1	1	48899262	045242505173
③ 4 - 20 mm	1/4" Hex	83	9	1	1	48899263	045242505180
④ 4 - 30 mm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



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 6 mm				10	1	48899350	045242538836



Magnetic Drilling

100% Faster

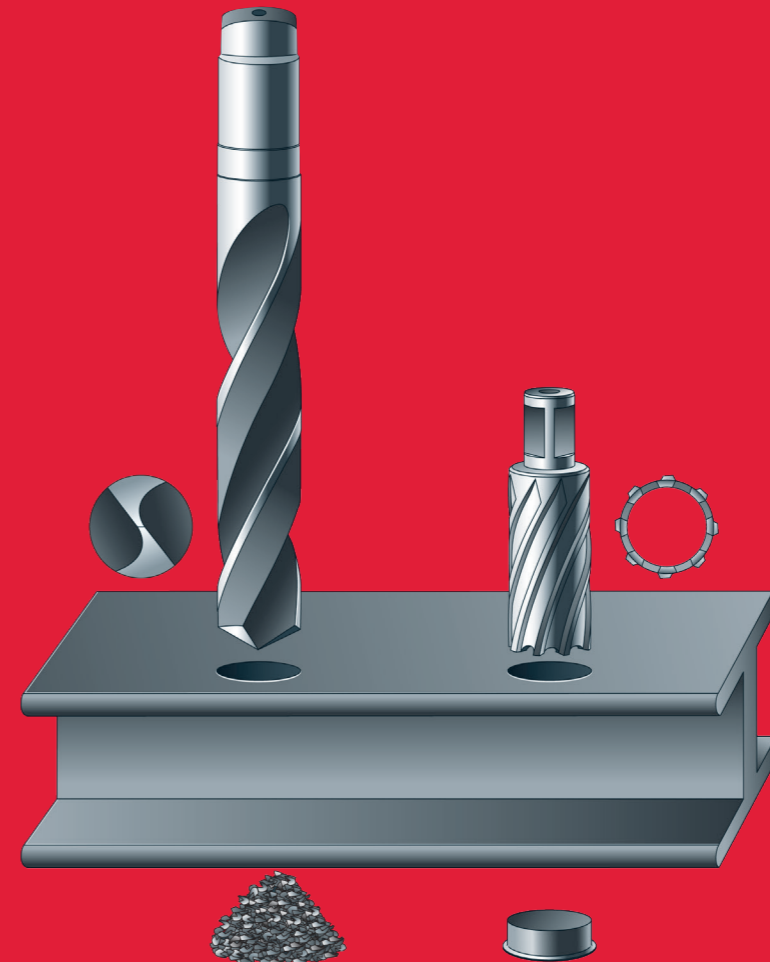
Speed and time savings are achieved due to the following factors. Firstly the annular cutter principle of only cutting material from the periphery of the hole as opposed to the twist drill which must cut the complete diameter of the hole. Secondly the benefit of two aggressive sharp angles per cutting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

30% More productivity

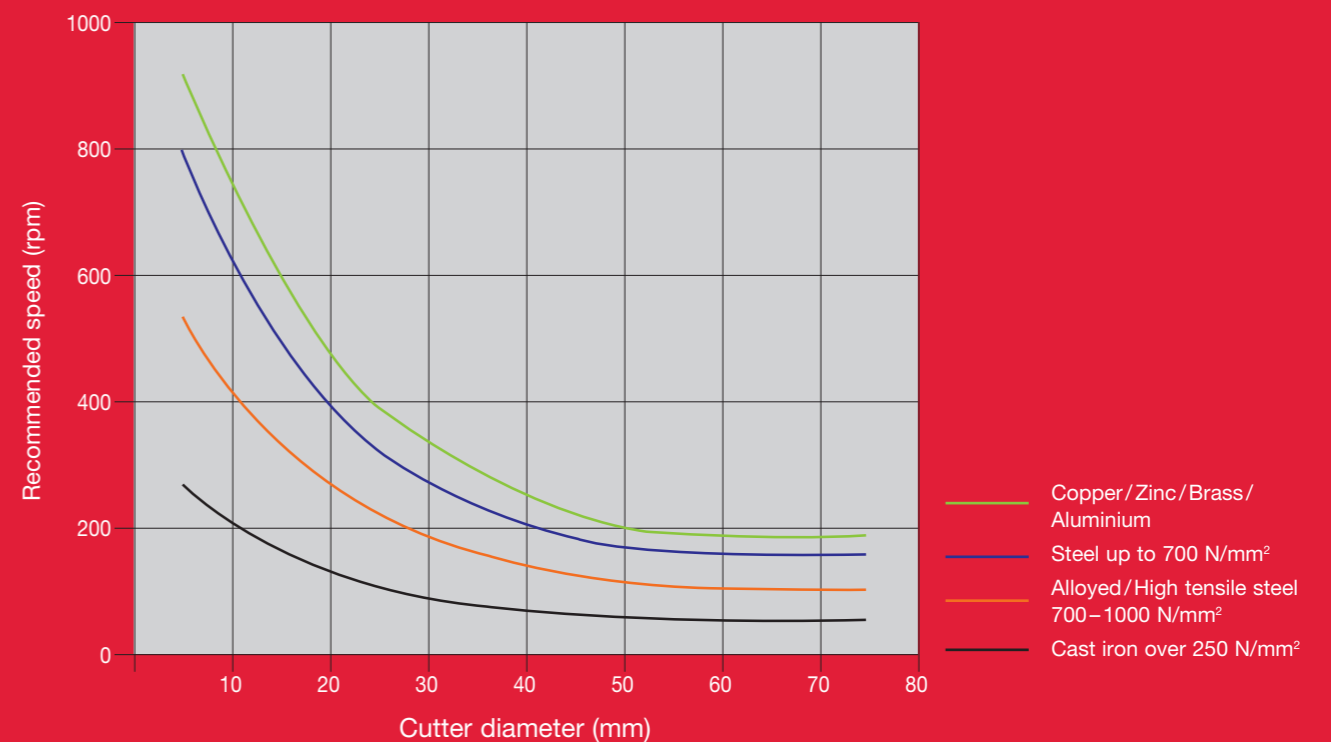
Because the annular cutter is only cutting material from the periphery of the hole. Less motor energy and driving power is required. The larger the drill diameter the greater the energy saving.

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 risk of breakage due to overloading.

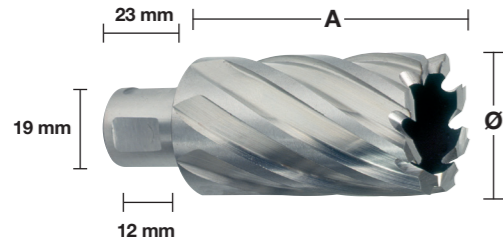


Speed chart



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
Telescopic ejector pin for 30 mm cutters		2	1	49590011	045242364039
Telescopic ejector pin for 50 mm cutters		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 HOLEDZER™ 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 hole saw 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™



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 hole saw 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 hole saws

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	19/16	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 31/32	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 - sets

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
7 pc Hole Dozer™ Holesaw set				
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™ 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).



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 3/16	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	29/32	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 1/8	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 5/8	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. 1 x 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



System accessories - Holesaws

Description	Fits holesaw	Shank reception	Holesaw or core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
① Arbor	Ø 14-30 mm	9.5 mm Hex	½" x 20	1	1	4932479465	4058546372590
② Arbor	Ø 32-210 mm	9.5 mm Hex	¾" x 18	1	1	4932479466	4058546372606
③ Arbor	Ø 32-210 mm	11 mm Hex	¾" 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	¾" x 18	1	1	4932471695	4058546295943
⑥ Extension - 300 mm long	-	9.5 mm Hex	-	1	1	4932479470	4058546372644
⑥ 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
⑦ Pilot drill long HSS-Ground 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	49567100	045242612093
⑨ Hex key ⅜" for all arbors				1	1	49960060	045242221455
⑩ Grub screw for arbors and extensions				1	1	06832712	4002395874354



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 ¼" 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	29/32	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 31/32	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 3/16	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 inefficient cutting.



Feed Pressure:

Variables in material, work configuration should be considered. Apply sufficient feed pressure to aid good chip re-removal. 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.

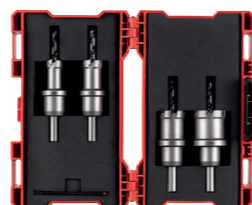
With 3-flat secure grip shank reception to prevent the holesaw slipping in the chuck and to ensure maximum torque transmission. Diameters 16-76 mm with 10 mm and >80 mm with 13 mm 3-flat shank reception.

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	1	4932479058	4058546368524
4 x T.C.T. holesaws: Ø16, 20, 25, 32 mm. 1/8" allen key					
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/mm ²	Stainless Steel / Steel < 1200N/mm ²
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



SHOCKWAVE™ IMPACT DUTY holesaws



Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
19	1	1	49569805	045242321094
22	1	1	49569810	045242321100
25	1	1	49569815	045242321117
① 29	1	1	49569820	045242321124
32	1	1	49569825	045242321131
35	1	1	49569830	045242321148
38	1	1	49569835	045242321155
② SHOCKWAVE™ IMPACT DUTY holesaw set (3pc) Ø 22 / 29 / 35 mm	3	1	49224800	045242321162
Ejection spring and grub screw	1	1	4932430466	4002395381272
Pilot drill bit with arbor	1	1	4932430477	4002395381388



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 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



DIAMOND MAX™ diamond drill bit set (4pc)
Ø 6, 8, 10, 14 mm

Description	Tool reception	Shank reception	Pack quantity	Min. order quantity	Article Number	EAN Code
Adaptor to fit M14 diamond drills to Milwaukee spot polisher	M9 x 0.75	M14	1	1	4932472090	4058546324865
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.
M14 thread: To fit directly onto an angle grinder.

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 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	1/4" Hex	1	1	4932498341	4058546522100
6	1/4" Hex	1	1	4932498342	4058546522117
8	1/4" Hex	1	1	4932498343	4058546522124
10	1/4" Hex	1	1	4932498344	4058546522131
12	1/4" Hex	1	1	4932498345	4058546522148
14	1/4" Hex	1	1	4932498346	4058546522155
16	1/4" Hex	1	1	4932498347	4058546522162
20	1/4" Hex	1	1	4932498348	4058546522179
22	1/4" Hex	1	1	4932498349	4058546522186
25	1/4" Hex	1	1	4932498350	4058546522193
29	1/4" Hex	1	1	4932498351	4058546522209
32	1/4" Hex	1	1	4932498352	4058546522216
35	1/4" Hex	1	1	4932498353	4058546522223

DIAMOND MAX™ diamond drill bit set (3pc)					
③		3	1	4932498368	4058546522377
Ø 6, 8, 10 mm					

DIAMOND MAX™ diamond drill bit set (5pc)					
④		5	1	4932498299	4058546521684
Ø 6 (2x), 8 (2x), 10 mm					

DIAMOND MAX™ diamond drill bit set (5pc)					
⑤		5	1	4932498300	4058546521691
Ø 6 (5x) mm					

DIAMOND MAX™ diamond drill bit set (5pc)					
⑥		5	1	4932498301	4058546521707
Ø 8 (5x) mm					

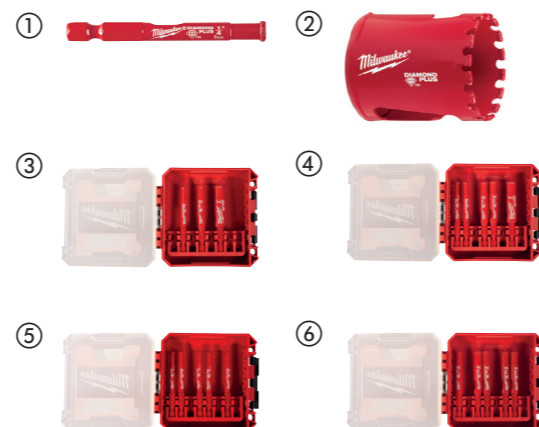
Diameter (mm)	Reception	Pack quantity	Min. order quantity	Article Number	EAN Code
22	1/2" x 20	1	1	49565605	045242308439
29	1/2" x 20	1	1	49565615	045242308446
32	5/8" x 18	1	1	49565620	045242308453
35	5/8" x 18	1	1	49565625	045242308460
② 38	5/8" x 18	1	1	49565630	045242308477
44	5/8" x 18	1	1	49565640	045242308491
51	5/8" x 18	1	1	49565645	045242308507
64	5/8" x 18	1	1	49565660	045242308521
68	5/8" x 18	1	1	49565664	045242337835

Description	Fits holesaw	Shank reception	Holesaw or core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
Arbor	Ø 14-30 mm	9.5 mm Hex	1/2" x 20	1	1	4932479465	4058546372590
Arbor	Ø 32-210 mm	9.5 mm Hex	5/8" x 18	1	1	4932479466	4058546372606
Grinder adaptor	Ø 22-29mm	M14	1/2" x 20	1	1	4932430464	4002395381258
Grinder adaptor	Ø 32-68mm	M14	5/8" 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 1/4" 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



THIN KERF Wet diamond drilling cores

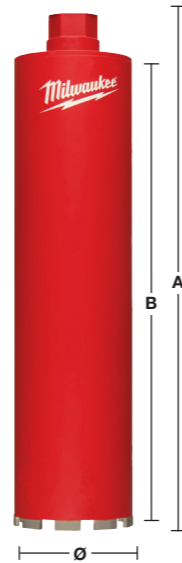
Cordless optimised diamond segments designed especially for MXFuel tool. Optimised for corded diamond drills up to 2200 Watt. 10 mm laser welded segments for superior lifetime. Standard 1/2" G reception on smaller diameters & standard 1 1/4" UNC reception on bigger diameters.

Diameter (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	4058546325855
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	4058546325836
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	4058546325939
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



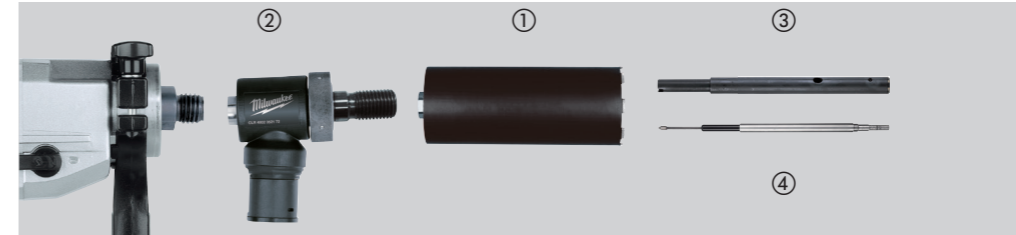
Wet diamond drilling cores

	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 1/4" UNC	450	525	1	1	4932399707	4002395363582
62	WCHP 62	✓	1 1/4" UNC	450	525	1	1	4932399708	4002395363599
72	WCHP 72	✓	1 1/4" UNC	450	525	1	1	4932399709	4002395363605
82	WCHP 82	✓	1 1/4" UNC	450	525	1	1	4932399710	4002395363612
92	WCHP 92	✓	1 1/4" UNC	450	525	1	1	4932399711	4002395363629
102	WCHP 102	✓	1 1/4" UNC	450	525	1	1	4932399712	4002395363636
112	WCHP 112	✓	1 1/4" UNC	450	525	1	1	4932399713	4002395363643
122	WCHP 122	✓	1 1/4" UNC	450	525	1	1	4932399714	4002395363650
132	WCHP 132	✓	1 1/4" UNC	450	525	1	1	4932399715	4002395363667
152	WCHP 152	✓	1 1/4" UNC	450	525	1	1	4932399716	4002395363674
162	WCHP 162	✓	1 1/4" UNC	450	525	1	1	4932399717	4002395363681
172	WCHP 172	✓	1 1/4" UNC	450	525	1	1	4932352052	4002395367092
182	WCHP 182	✓	1 1/4" UNC	450	525	1	1	4932399718	4002395363698
202	WCHP 202	✓	1 1/4" UNC	450	525	1	1	4932399719	4002395363704
225	WCHP 225	✓	1 1/4" UNC	450	525	1	1	4932399720	4002395363711
250	WCHP 250	✓	1 1/4" UNC	450	525	1	1	4932399721	4002395363728
300	WCHP 300	✓	1 1/4" UNC	450	525	1	1	4932399722	4002395363735
350	WCHP 350	✓	1 1/4" 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	Material	DCHXL
Aerated/breeze concrete blocks	◆	Granite	✗
Artificial stone – hard	✗	Lime/sandstone – hard	✓
Brick – very hard, engineering brick	✓	Lime/sandstone – soft/abrasive	◆
Brick – medium	✓	Marble	✗
Brick – soft	◆	Tiles	✗
Concrete	✗		

✓ Most suitable. Recommended for these materials.
✗ Not suitable. Not recommended for these materials.

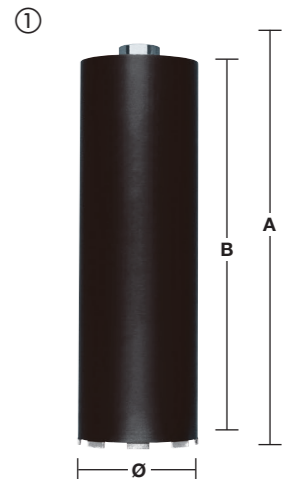
◆ Limited suitability – recommended for intermittent use.
Very good in drilling characteristics, but reduced lifetime.

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 1/4" UNC	420	490	1	1	4932399753	4002395364060
DCHXL 52	52	1 1/4" UNC	420	490	1	1	4932399163	4002395357703
DCHXL 68	68	1 1/4" UNC	420	490	1	1	4932399164	4002395357710
DCHXL 82	82	1 1/4" UNC	420	490	1	1	4932399165	4002395357727
DCHXL 102	102	1 1/4" UNC	420	490	1	1	4932399166	4002395357734
DCHXL 107	107	1 1/4" UNC	420	490	1	1	4932399754	4002395364077
① DCHXL 112	112	1 1/4" UNC	420	490	1	1	4932399167	4002395357741
DCHXL 117	117	1 1/4" UNC	420	490	1	1	4932399755	4002395364084
DCHXL 122	122	1 1/4" UNC	420	490	1	1	4932399168	4002395357758
DCHXL 127	127	1 1/4" UNC	420	490	1	1	4932399169	4002395357765
DCHXL 132	132	1 1/4" UNC	420	490	1	1	4932399170	4002395357772
DCHXL 152	152	1 1/4" UNC	420	490	1	1	4932399171	4002395357789
DCHXL 162	162	1 1/4" UNC	420	490	1	1	4932399172	4002395357796

* During pre-drilling no centering star required.

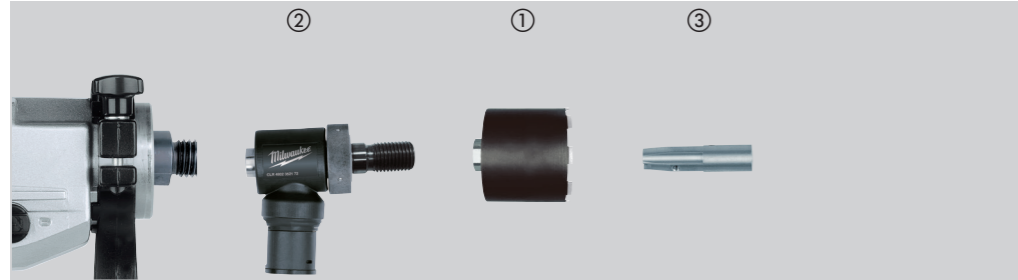
Description	Tool reception	Core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
② FIXTEC™ Clean Line Rotor (CLR)	M18 x 2.5	1 1/4" UNC	1	1	4932352172	4002395368242

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
⑤ Guide rod for DD2-160. Supplied with locking screw (4931622432). Requires allen key and SDS-plus pilot drill (Ø 8 x 160 mm)	1	1	4932399173	4002395357802



Dry diamond cores for electrical sockets with dust extraction - DCHX

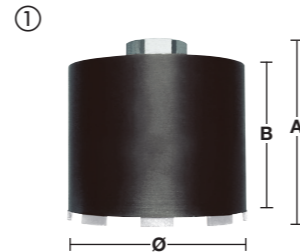
10 mm high segments for longer life.
Laser welded segments for extra durability.
Suitable for installation of electrical sockets and junction boxes.
Use with the machine set to rotary only, not suitable for hammer action.



Material	DCHX	Material	DCHX
Aerated/breeze concrete blocks	◆	Granite	✘
Artificial stone – hard	✘	Lime/sandstone – hard	✓
Brick – very hard, engineering brick	✓	Lime/sandstone – soft/abrasive	◆
Brick – medium	✓	Marble	✘
Brick – soft	◆	Tiles	✘
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.

Description	Diameter (mm)	Core reception	Working length (mm) B	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
① DCHX 68	68	1 ¼" UNC	60	130	1	1	4932399217	4002395358311
① DCHX 82	82	1 ¼" UNC	60	130	1	1	4932399218	4002395358328



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

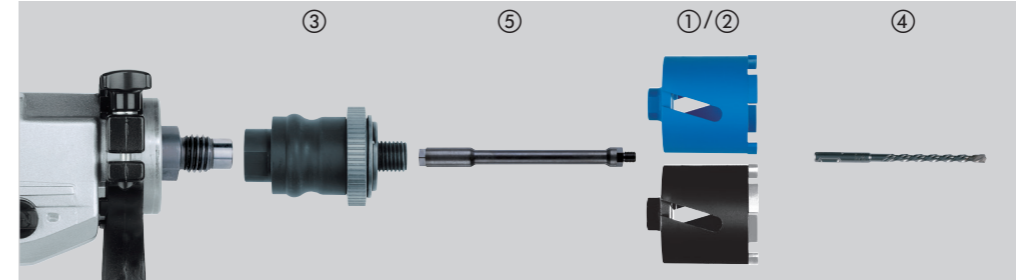


Description	Pack quantity	Min. order quantity	Article Number	EAN Code
⑤ Guide rod for DD2-160. Supplied with locking screw (4931622432). Requires allen key and SDS-plus pilot drill (Ø 8 x 160 mm)	1	1	4932399173	4002395357802



Dry diamond drilling for electrical sockets without dust extraction - DCU / DCH

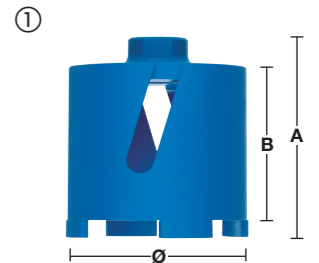
7 mm high segments.
Laser welded segments for extra durability.
Suitable for installation of electrical sockets and junction boxes.
Use with the machine set to rotary only, not suitable for hammer action.



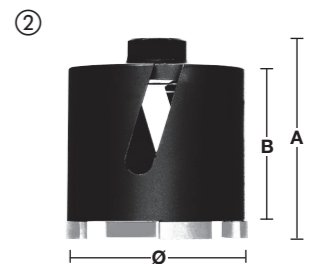
Material	DCU	DCH	Material	DCU	DCH
Aerated/breeze concrete blocks	◆	◆	Granite	✘	✘
Artificial stone – hard	✘	✘	Lime/sandstone – hard	◆	✓
Brick – very hard, engineering brick	◆	✓	Lime/sandstone – soft/abrasive	✓	◆
Brick – medium	✓	✓	Marble	✘	✘
Brick – soft	✓	◆	Tiles	✘	✘
Concrete	✘	✘			

✓ 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.

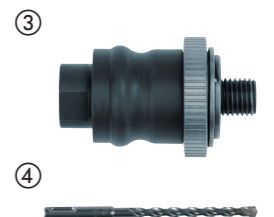
✓ Most suitable. Recommended for these materials.
◆ Limited suitability – recommended for intermittent use.
Very good in drilling characteristics, but reduced lifetime.
✘ Not suitable. Not recommended for these materials.



Description	Diameter (mm)	Core reception	Working length (mm) B	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
① DCU 68	68	M16	60	90	1	1	4932371978	4002395346035
① DCU 82	82	M16	60	90	1	1	4932371979	4002395346042
② DCH 68	68	M16	60	90	1	1	4932399579	4002395362080
② DCH 82	82	M16	60	90	1	1	4932399580	4002395362097



Description	Tool reception	Core reception	Pack quantity	Min. order quantity	Article Number	EAN Code
③ FIXTEC™ adaptor. Tool changing in seconds. M18 x 2.5. No extra tool required	M18 x 2.5	M16	1	1	4932399174	4002395357819
④ Requires SDS-plus pilot drill bit (Ø 8 x 160 mm)			1	1	4932307071	4002395308873

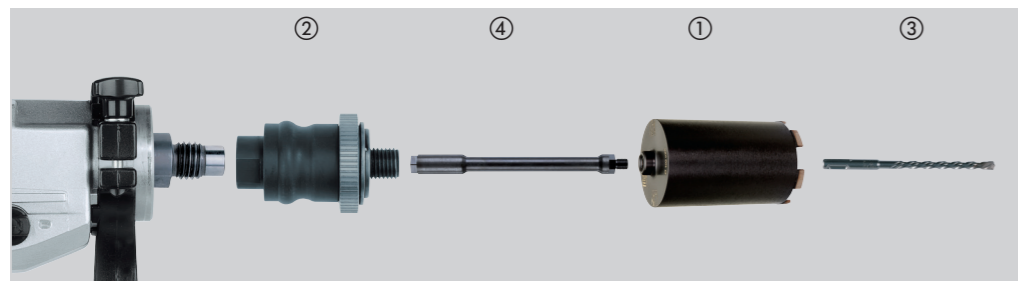


Description	Adaptor reception	Core reception	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
④ Extention between FIXTEC adaptor and diamond core	M16	M16	300	1	1	4932369736	4002395346028



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.

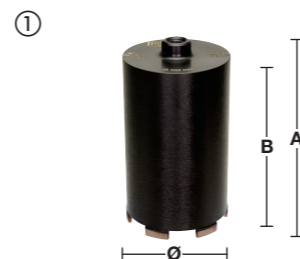


Material	DCH	Material	DCH
Aerated/breeze concrete blocks	◆	Granite	✘
Artificial stone – hard	✘	Lime/sandstone – hard	✓
Brick – very hard, engineering brick	✓	Lime/sandstone – soft/abrasive	◆
Brick – medium	✓	Marble	✘
Brick – soft	◆	Tiles	✘
Concrete	✘		

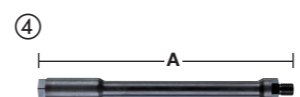
✓ Most suitable. Recommended for these materials.
◆ Limited suitability – recommended for intermittent use.
Very good in drilling characteristics, but reduced lifetime.
✘ Not suitable. Not recommended for these materials.

✓ 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
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
① 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



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



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

SHOCKWAVE™ IMPACT DUTY

DRIVING PERFORMANCE FORWARD

SHOCKWAVE™ IMPACT DRIVER BITS



WEAR GUARD TIP™

Scan the QR Code to see our full video.



CUSTOM ALLOY 76 STEEL



OPTIMIZED SHOCK ZONE™

MILWAUKEE® SHOCKWAVE™ IMPACT DUTY driver bits are engineered to be the most durable, best fitting driver bits on the market. The WEAR GUARD TIP™ is laser hardened to create an outer shield that protects the fit over the life of the bit. The SHOCK ZONE™ is optimized for each tip type and length of driver bit, absorbing peak torque and preventing breaking. The customized CUSTOM ALLOY 76™ steel and heat treatment for each tip type is engineered to ensure best performance across tip types and extended life vs. standard bits. The SHOCKWAVE™ impact driver bits provide extreme durability for the most demanding job site applications.



SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY

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.



A) 25 mm 1/4" Hex - DIN 3126 - C 6.3
B) 50 mm 1/4" Hex - DIN 3126 - E 6.3
C) 90 mm 1/4" Hex - DIN 3126 - E 6.3
D) 150 mm 1/4" 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	①	2	1	4932430850	4002395385126
		50	①	1	1	4932471564	4058546294632
		90	①	1	1	4932430851	4002395385133
	PH 2	25	①	2	1	4932430852	4002395385140
		25	②	25	10	4932430853	4002395385157
		50	①	1	1	4932430854	4002395385164
		50	②	10	10	4932430855	4002395385171
		90	①	1	1	4932430856	4002395385188
		150	①	1	1	4932471565	4058546294649
	PH 3	25	①	2	1	4932430857	4002395385195
		50	①	1	1	4932430858	4002395385201
		90	①	1	1	4932430859	4002395385218
Pozidrive	PZ 1	25	①	2	1	4932430860	4002395385225
		25	②	25	10	4932430861	4002395385232
		50	①	1	1	4932471566	4058546294656
		90	①	1	1	4932430862	4002395385249
	PZ 2	25	①	2	1	4932430863	4002395385256
		25	②	25	10	4932430864	4002395385263
		50	①	1	1	4932430865	4002395385270
		50	②	10	10	4932430866	4002395385287
		90	①	1	1	4932430867	4002395385294
	150	①	1	1	4932471928	4058546298272	
	PZ 3	25	①	2	1	4932430868	4002395385300
		25	②	25	10	4932430869	4002395385317
50		①	1	1	4932430870	4002395385324	
150		①	1	1	4932471929	4058546298289	

① Blister



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)

③ Counter display



Type	Total length (mm)	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code		
TORX®	TX 7	25	①	2	1	4932471567	4058546294663	
		25	①	2	1	4932471568	4058546294670	
	TX 8	25	①	2	1	4932471569	4058546294687	
		25	①	2	1	4932430871	4002395385331	
	TX 10	50	①	1	1	4932471570	4058546294694	
		TX 15	25	①	2	1	4932430872	4002395385348
			25	②	25	10	4932430873	4002395385355
	TX 15	50	①	1	1	4932451286	4002395157440	
		90	①	1	1	4932471571	4058546294700	
		150	①	1	1	4932471572	4058546294717	
		TX 20	25	①	2	1	4932430874	4002395385362
	25		②	25	10	4932430875	4002395385379	
50	①		1	1	4932430876	4002395385386		
50	②		10	10	4932430877	4002395385393		
90	①		1	1	4932430878	4002395385409		
150	①		1	1	4932471573	4058546294724		
TX 25	25	①	2	1	4932430879	4002395385416		
	25	②	25	10	4932430880	4002395385423		
	50	①	1	1	4932430881	4002395385430		
	50	②	10	10	4932430882	4002395385447		
	90	①	1	1	4932430883	4002395385454		
	TX 27	25	①	2	1	4932430884	4002395385461	
TX 30		25	①	2	1	4932430885	4002395385478	
		25	②	25	10	4932430886	4002395385485	
TX 30		50	①	1	1	4932430887	4002395385492	
		50	②	10	10	4932471574	4058546294731	
		90	①	1	1	4932471575	4058546294748	
TX 40	25	①	2	1	4932430888	4002395385508		
	25	②	25	10	4932430889	4002395385515		
	50	①	1	1	4932430890	4002395385522		
TX 50	25	①	2	1	4932430891	4002395385539		
	25	②	15	10	4932430892	4002395385546		

① Blister



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)

③ Counter display



SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY

Type	Total length (mm)	Supplied in	Pack quantity	Min. order quantity	Article Number	EAN Code
TORX® B0						
TX B07	25	①	2	1	4932471577	4058546294762
TX B08	25	①	2	1	4932471578	4058546294779
TX B09	25	①	2	1	4932471579	4058546294786
TX B010	25	①	2	1	4932471580	4058546294793
TX B015	25	①	2	1	4932471581	4058546294809
TX B020	25	①	2	1	4932471582	4058546294816
TX B025	25	①	2	1	4932471583	4058546294823
TX B030	25	①	2	1	4932471584	4058546294830
TX B040	25	①	2	1	4932471585	4058546294847
Hex						
Hex 2.5 mm	25	①	2	1	4932430893	4002395385553
Hex 3 mm	25	①	2	1	4932430894	4002395385560
Hex 4 mm	25	①	2	1	4932430895	4002395385577
Hex 5 mm	25	①	2	1	4932430896	4002395385584
Hex 6 mm	25	①	2	1	4932430897	4002395385591
Hex 8 mm	25	①	2	1	4932430898	4002395385607
Hex 10 mm	25	①	2	1	4932430899	4002395385614
Hex 12 mm	25	①	2	1	4932430900	4002395385621
Slotted						
SL 0.6 x 4.5	25	①	2	1	4932430901	4002395385638
SL 0.8 x 5.5	25	①	2	1	4932430902	4002395385645
SL 1.2 x 6.5	25	①	2	1	4932430903	4002395385652

① Blister



SHOCKWAVE™ IMPACT DUTY sets

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
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
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	10	50	4932492939	4058546478100
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
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 1/2" Hex reception 73 mm long	32	12	4932464240	4058546221850
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 1/2" Hex reception 73 mm long	32	12	4932471586	4058546294854
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 / 1 x 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
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
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™ 1/2" 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



SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY sets

DESIGNED FOR USE IN
PACKOUT™

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
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SHOCKWAVE™ IMPACT DUTY bit set (48 pc)

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. ⑧ 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
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SHOCKWAVE™ IMPACT DUTY bit set (56 pc)

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
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SHOCKWAVE™ IMPACT DUTY bit set (70 pc)

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
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SHOCKWAVE™ IMPACT DUTY XL TX bit set (75 pc)

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
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SHOCKWAVE™ Impact Duty drive guide cassettes

Slimline pocket design.
Drive guide bit holder with extendable sleeve to hold long screws secure. Up to 110 mm total length.
Front loading screwdriver handle.
Metal wire stripper for Ø 0.75 / 1.0 / 1.5 / 2.5 mm².
Wire loop maker up to 5 mm².

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
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SHOCKWAVE™ IMPACT DUTY drive guide set (12pc)

1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40, 1 x drive guide bit holder 76 mm length	12	10	4932430910	4002395385720
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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.

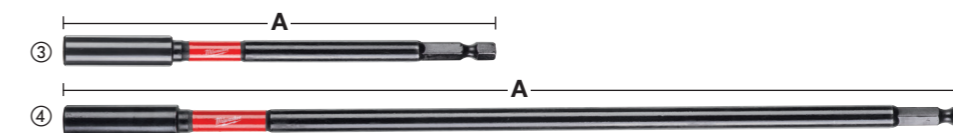
Description	Total length (mm) A	Pack quantity	Min. order quantity	Article Number	EAN Code
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① Magnetic bit holder 60 mm	60	1	1	4932352406	4002395370658
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② Magnetic bit holder 60 mm - jam jar (100pc)	60	1	100	4932430478	4002395381395
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③ Magnetic bit holder 152 mm - long series	152	1	1	4932471822	4058546297213
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④ Magnetic bit holder 305 mm - long series	305	1	1	4932471823	4058546297220
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SHOCKWAVE™ IMPACT DUTY locking bit holder

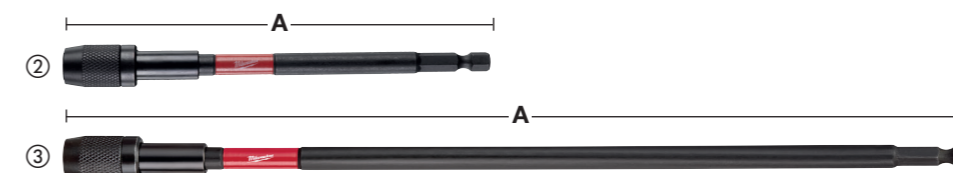
Dual internal magnets ensure magnetism to fasteners.
Auto-Locking - One handed bit release.
1/4" Hex reception (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

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

SHOCKWAVE™ IMPACT DUTY

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
SHOCKWAVE™ IMPACT DUTY magnetic nut driver set (4pc) Ø 7 / 8 / 10 / 13 mm			4	1	4932492445	4058546418120



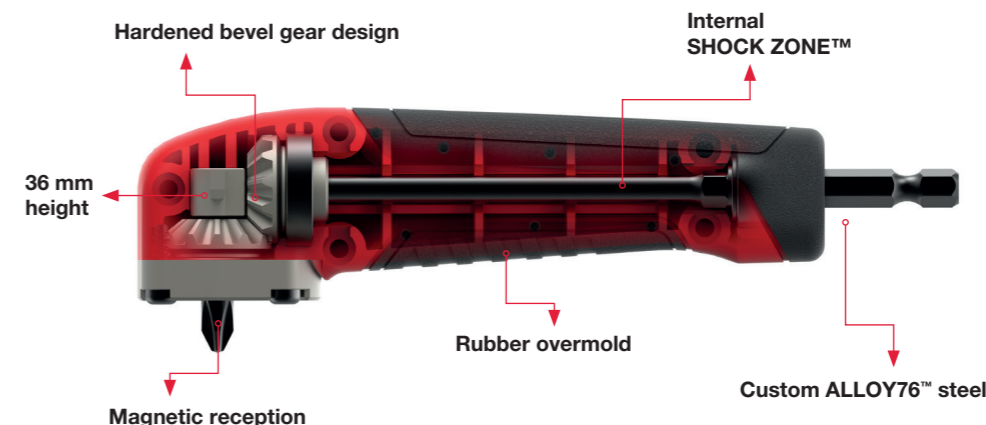
SHOCKWAVE™ IMPACT DUTY socket adaptors - Hex reception

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
SHOCKWAVE™ IMPACT DUTY socket adaptor set (3pc)					
⑤ 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.

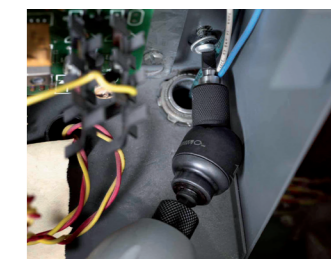


Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Counter display SHOCKWAVE™ Right Angle Attachment set (11pc) 1 x Right Angle Attachment, 1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30	11	12	4932471274	4058546289027



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



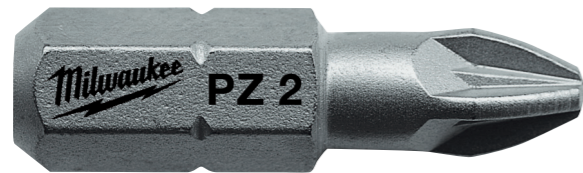
OSD2 - Offset screwdriver/ drill angle attachment

The OSD 2 screwdriver / drill angle attachment is the ideal solution for all screwdriving and drilling applications in restricted areas.
1/4" 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 1/4" (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.



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 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 1/4" 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



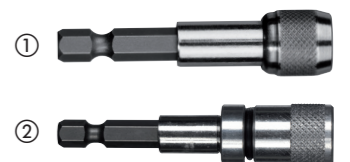
Screwdriving bits sets

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



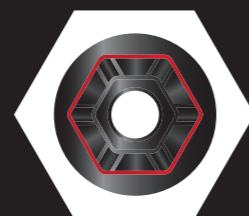
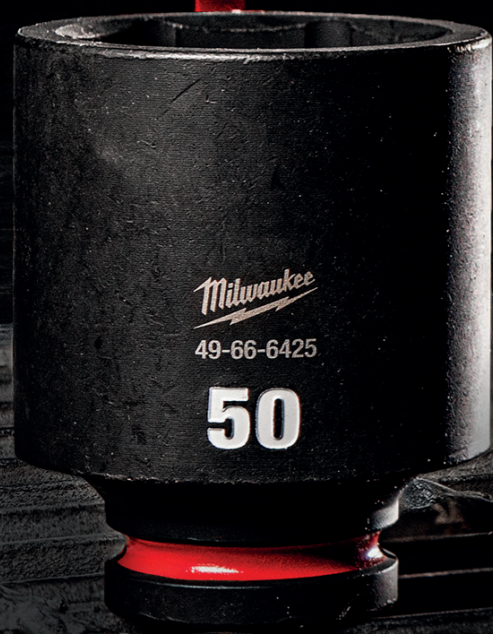
Magnetic bit holders

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**



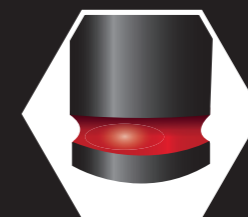
**LASER-ETCHED
LOGO & PART NUMBER**



**STAMPED
AND INK
FILLED SIZES**



**FORGED
HIGH TORQUE
IMPACT STEEL**



**COLOUR
BAND
INK FILLED**

SHOCKWAVE™ IMPACT DUTY

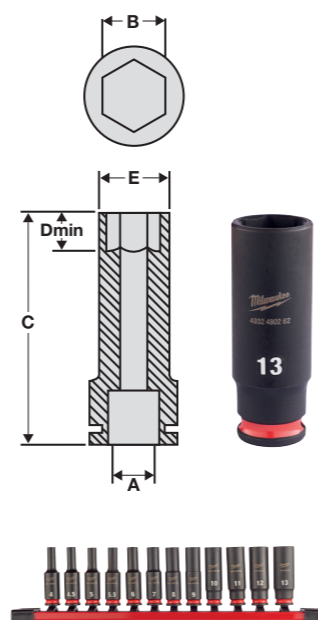
SHOCKWAVE™ IMPACT DUTY

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 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 and socket rail



1/4" SHOCKWAVE™ IMPACT DUTY Foam Inserts

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
1/4" Sockets deep foam set (17pc) SHOCKWAVE™ IMPACT DUTY 1/4" deep sockets: 4/4.5/5.5/6/7/8/9/10/11/12/13mm, 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	17	1	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 adaptor 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



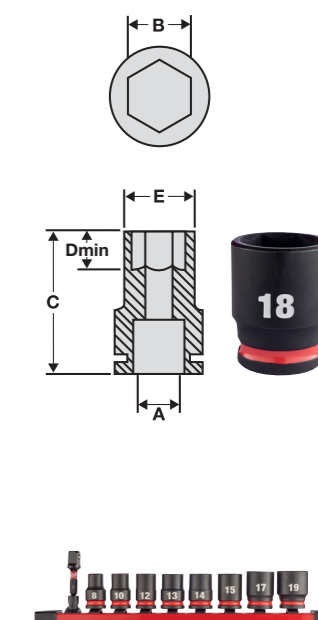
NEW

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	1	1	4932480273	4058546405588
3/8" square	17	34	9.6	24.8	-	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



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

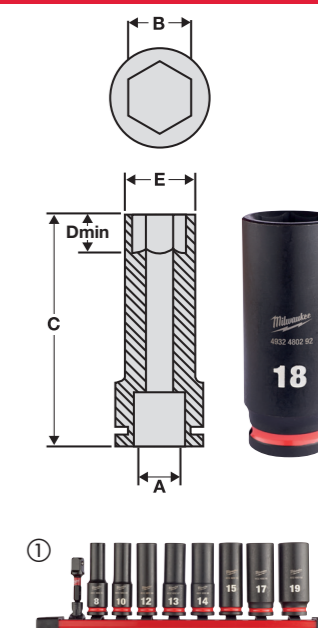
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
3/8" square	6	65	3.1	10.5	M3.5	1	1	4932480280	4058546405656
3/8" square	7	65	3.6	12.6	M4	1	1	4932480281	4058546405663
3/8" square	8	65	3.6	13.9	M5	1	1	4932480282	4058546405670
3/8" square	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	18.2	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	1	1	4932480290	4058546405755
3/8" square	17	65	9.6	24.8	-	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

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

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



SHOCKWAVE™ IMPACT DUTY

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



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



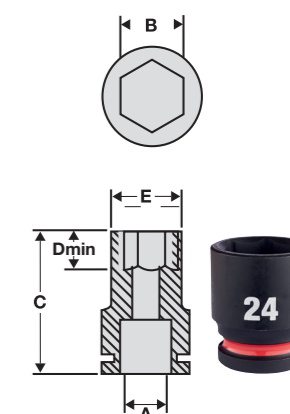
1/2" SHOCKWAVE™ IMPACT DUTY impact sockets - standard

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	For anchor thread size	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2" 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	1	1	4932480310	4058546405953
1/2" square	17	38	9.6	26.2	-	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	32	44	18.3	43.8	M22	1	1	4932480325	4058546406103

1/2" SHOCKWAVE™ IMPACT DUTY socket 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 1/4" Hex - 1/2" square, 1 x extension 150 mm

Pack quantity: 13, Min. order quantity: 1, Article Number: 4932480456, EAN Code: 4058546407414



1/2" SHOCKWAVE™ IMPACT DUTY automotive impact sockets

NEW

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

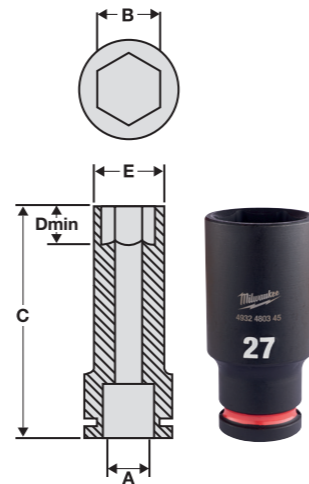
Pack quantity: 3, Min. order quantity: 1, Article Number: 4932493370, EAN Code: 4058546482411

SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY

1/2" 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	
1/2" square	8	78	4.2	15.0	M5	1	1	4932480326	4058546406110	
1/2" square	9	78	4.2	16.3	-	1	1	4932480327	4058546406127	
1/2" square	10	78	4.8	17.5	M6	1	1	4932480328	4058546406134	
1/2" square	11	78	5.5	18.0	-	1	1	4932480329	4058546406141	
1/2" square	12	78	6.1	19.0	M7	1	1	4932480330	4058546406158	
1/2" square	13	78	6.8	20.0	M8	1	1	4932480331	4058546406165	
1/2" square	14	78	8.4	22.0	-	1	1	4932480332	4058546406172	
1/2" square	15	78	8.4	23.0	-	1	1	4932480333	4058546406189	
1/2" square	16	78	9.8	24.0	M10	1	1	4932480334	4058546406196	
1/2" square	17	78	9.8	26.2	-	1	1	4932480335	4058546406202	
1/2" square	18	78	10.2	27.0	M12	1	1	4932480336	4058546406219	
1/2" square	19	78	11.1	28.0	-	1	1	4932480337	4058546406226	
1/2" square	20	78	11.5	29.3	-	1	1	4932480338	4058546406233	
1/2" square	21	78	11.7	30.0	M14	1	1	4932480339	4058546406240	
1/2" square	22	78	12.5	31.3	-	1	1	4932480340	4058546406257	
1/2" square	23	78	12.7	33.8	-	1	1	4932480341	4058546406264	
1/2" square	24	78	13.9	34.2	M16	1	1	4932480342	4058546406271	
1/2" square	25	78	14.0	35.8	-	1	1	4932480343	4058546406288	
1/2" square	26	78	14.8	37.0	-	1	1	4932480344	4058546406295	
1/2" square	27	78	15.8	38.2	M18	1	1	4932480345	4058546406301	
1/2" square	28	78	15.8	39.2	-	1	1	4932480346	4058546406318	
1/2" square	29	78	15.8	42.0	-	1	1	4932480347	4058546406325	
1/2" square	30	78	15.8	42.9	M20	1	1	4932480348	4058546406332	
1/2" square	32	78	18.1	43.5	M22	1	1	4932480349	4058546406349	
1/2" square	33	78	18.2	45.3	-	1	1	4932480350	4058546406356	
1/2" square	36	78	20.0	50.0	M24	1	1	4932480351	4058546406363	
1/2" SHOCKWAVE™ IMPACT DUTY deep socket set (10pc)										
①	10 x deep sockets: 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm						10	1	4932480457	4058546407421
1/2" PACKOUT™ SHOCKWAVE™ IMPACT DUTY socket set (16pc)										
②	16 x 1/2" 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



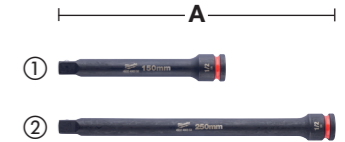
1/2" SHOCKWAVE™ IMPACT DUTY Foam Inserts

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, adaptor 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



1/2" impact sockets - extensions

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



1/2" impact sockets - reducers

Description	Total length (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
① Socket adaptor. 1/2" square - 3/8" square	38	1	1	4932480354	4058546406394
② Socket adaptor. 1/2" 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 1/2" SHOCKWAVE™ IMPACT DUTY adaptor set (4pc)		4	1	4932480356	4058546406417

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



1/2" SHOCKWAVE™ IMPACT DUTY universal joint

Description	Angle capacity	Pack quantity	Min. order quantity	Article Number	EAN Code
1/2" SHOCKWAVE™ IMPACT DUTY universal joint	15°	1	1	4932480357	4058546406424



1/2" 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	1/2" square	1	1	4932478059	4058546339920
TX40 1/2" impact bit socket	1/2" square	1	1	4932478060	4058546339937
TX45 1/2" impact bit socket	1/2" square	1	1	4932478061	4058546339944
TX50 1/2" impact bit socket	1/2" square	1	1	4932478062	4058546339951



1/2" 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	1/2" square	1	1	4932478063	4058546339968
HEX6 1/2" impact bit socket	1/2" square	1	1	4932478064	4058546339975
HEX8 1/2" impact bit socket	1/2" square	1	1	4932478065	4058546339982
HEX10 1/2" impact bit socket	1/2" square	1	1	4932478066	4058546339999
HEX12 1/2" impact bit socket	1/2" square	1	1	4932478067	4058546340001

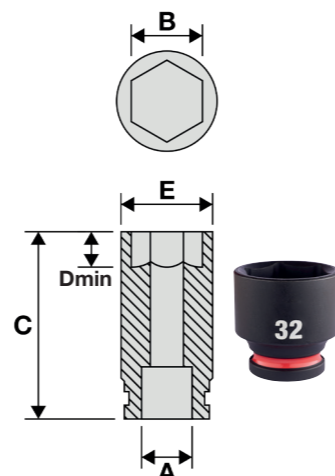


SHOCKWAVE™ IMPACT DUTY

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	-	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



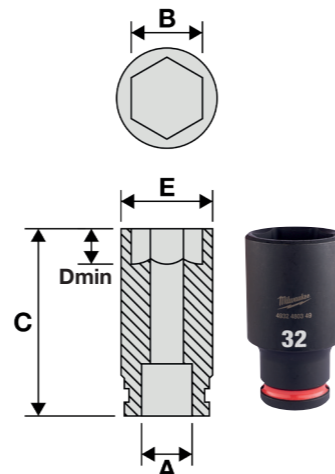
3/4" Socket Set

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



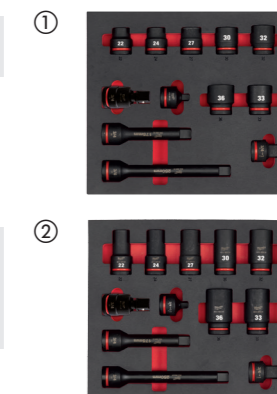
3/4" SHOCKWAVE™ IMPACT DUTY impact sockets - deep

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	-	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



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	4932493396	4058546482671
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, adaptor 3/4" square --> 1" square, Foam with plastic base 417x355mm				
3/4" Sockets deep foam set 1-12pc	12	1	4932493398	4058546482695
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				
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



SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY

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 1/2" to 3/4" 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



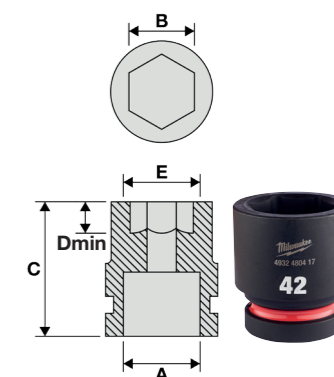
3/4" impact sockets - security retaining ring

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

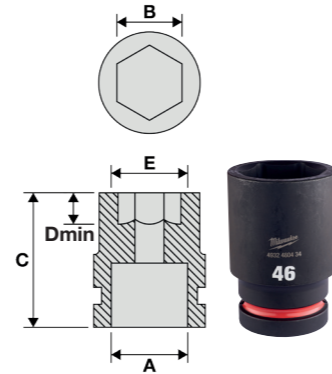


SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ IMPACT DUTY

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	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" 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



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



Impact sockets - rails & clips

Flexible interchangeable rails and clips for customisation of 1/4", 3/8", and 1/2" 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
1/4" impact socket rail	350	1	1	4932480444	4058546407292
1/4" extra rail clips - 10pcs	-	10	1	4932480445	4058546407308
3/8" impact socket rail	350	1	1	4932480446	4058546407315
3/8" extra rail clips - 10pcs	-	10	1	4932480447	4058546407322
1/2" impact socket rail	350	1	1	4932480448	4058546407339
1/2" extra rail clips - 10pcs	-	10	1	4932480449	4058546407346

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 3/4" SHOCKWAVE™ IMPACT DUTY adaptor	70	1	1	4932480442	4058546407278



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" square	21x28	70	24	56	4932499124	4058546529932	
1" square	21x28	110	24	56	4932499125	4058546529949	
① 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	



NAILS & STAPLES

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

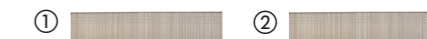
FIND YOUR PERFECT FIT WITH OUR TOOL CONFIGURATOR



Brad nails, 18 gauge, thin finish head

NEW

Suitable for M18 FN18GS
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	
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	
①	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	
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	
②	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

NEW

Suitable for M18 CN15GA, M18 FN15GA
Collated angled strip

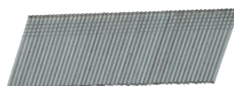


Wire gauge	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code	
15	1.8	32	34°	1	Galvanised	4.000	1	4932492574	4058546419417	
15	1.8	38	34°	1	Galvanised	2.500	1	4932492575	4058546419424	
①	15	1.8	44	34°	1	Galvanised	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

NEW

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

NEW

- Suitable for M18 FN16GS
- Collated straight strip

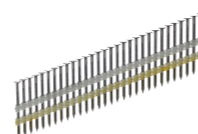


Wire gauge	Dimensions (Outer)(H x W x D / mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
16	1.60	32	0°	1	Galvanised	5,000	1	4932498312	4058546521813
16	1.60	25	0°	1	Galvanised	5,000	1	4932498313	4058546521820
16	1.60	38	0°	1	Galvanised	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

NEW

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

NEW

Suitable for M18 FFN
Paper collated angled strip



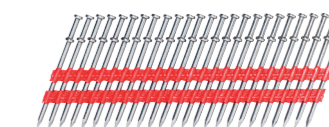
Shank diameter (mm)	Total length (mm)	Nail angle	Service class	Material	Pack quantity	Min. order quantity	Article Number	EAN Code
2.8	50	34°	1	Smooth Shank, Bright	2,200	1	4932492595	4058546419622
2.8	63	34°	1	Smooth Shank, Bright	2,200	1	4932492596	4058546419639
2.8	75	34°	1	Smooth Shank, Bright	2,200	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.

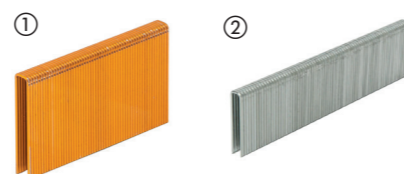
Used in temporary construction, such as concrete forms where nail removal is required.



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

NEW



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 FNCST18GS	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

NEW

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

Coil Nails

NEW

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	Pack quantity	Min. order quantity	Article Number	EAN Code
3,05	19	15°	2	2880	1	4932499310	4058546564742
3,05	22	15°	2	2880	1	4932499311	4058546564759
3,05	25	15°	2	2160	1	4932499312	4058546564766
3,05	32	15°	2	2160	1	4932499313	4058546564773
3,05	38	15°	2	1440	1	4932499314	4058546564780
3,05	45	15°	2	1440	1	4932499315	4058546564797
3,05	22	15°	2	2880	1	4932499316	4058546564803
3,05	25	15°	2	2160	1	4932499317	4058546564810
3,05	32	15°	2	2160	1	4932499318	4058546564827
3,05	19	15°	3	2880	1	4932499319	4058546564834
3,05	22	15°	3	2880	1	4932499320	4058546564841
3,05	25	15°	3	2160	1	4932499321	4058546564858
3,05	32	15°	3	2160	1	4932499322	4058546564865
3,05	38	15°	3	1440	1	4932499323	4058546564872
3,05	45	15°	3	1440	1	4932499324	4058546564889
3,05	25	15°	3	2160	1	4932499325	4058546564896
3,05	32	15°	3	2160	1	4932499326	4058546564902
3,05	25	15°	3	2160	1	4932499327	4058546564919
3,05	32	15°	3	2160	1	4932499328	4058546564926

Staples - electrical cable

NEW

Cable staples for the Milwaukee M12 BCST

19mm wide 25mm long staples 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

NITRUS CARBIDE™

TORCH™
NITRUS CARBIDE

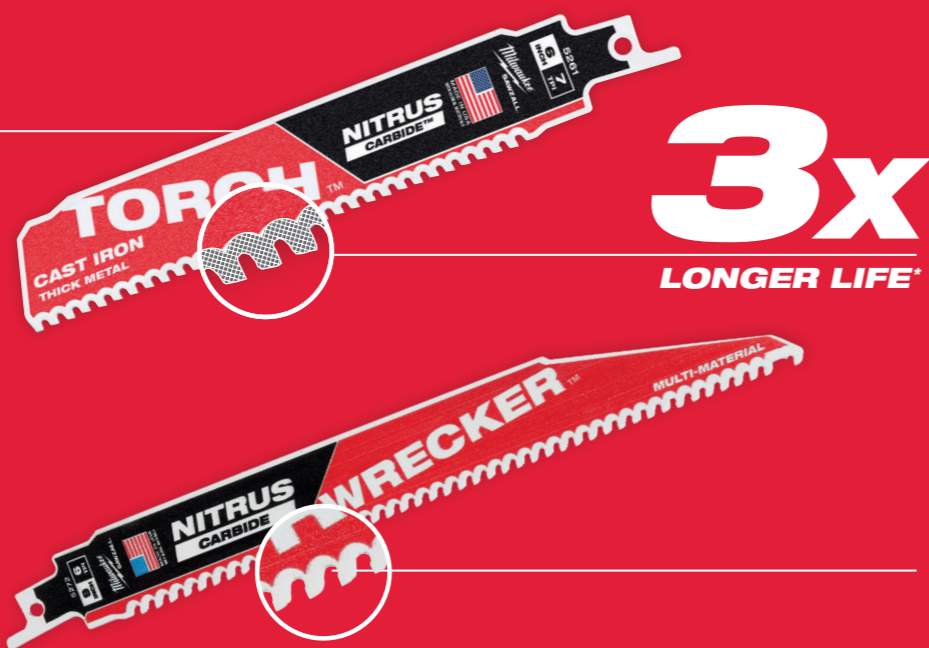
WRECKER™
NITRUS CARBIDE

CUT TOUGHER

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 ensures 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	5	1	48476251	045242367726
											1	48476551	045242367849
230	2.5	10	S1155HHM	3 - 11	Ø 10 - 175	3 - 11	Ø 10 - 175	3 - 11	Yes	5	1	48476252	045242367801
											1	48476552	045242367771
300	2.5	10	S1255HHM	3 - 11	Ø 10 - 250	3 - 11	Ø 10 - 250	3 - 11	Yes	5	1	48476253	045242367757
											1	48476553	045242367832
150	3.2	8	S955CHC	5 - 14	Ø 10 - 100	5 - 14	Ø 10 - 100	5 - 14	Yes	5	1	48475261	045242368495
											1	48475561	045242368877
230	3.2	8	S1155CHC	5 - 14	Ø 10 - 175	5 - 14	Ø 10 - 175	5 - 14	Yes	5	1	48475262	045242368501
											1	48475562	045242368884
300	3.2	8	S1255CHC	5 - 14	Ø 10 - 250	5 - 14	Ø 10 - 250	5 - 14	Yes	5	1	48475263	045242368518
											1	48475563	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

THE
TORCH
CARBIDE TEETH

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.



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	5	1	48475784	045242369034
				Ø 10 - 100	25	1	48008784	045242082407
230	1.4	18	S1126BEF/S1127BEF	1.5 - 8	5	1	48475788	045242369065
				Ø 10 - 175	25	1	48008788	045242082421
300	1.4	18	S1226BEF/S1227BEF	1.5 - 8	5	1	48475789	045242369072
				Ø 10 - 250	25	1	48008789	045242082438
150	1.8	14	S926BEF/SS927BEF	3 - 11	5	1	48475782	045242369027
				Ø 10 - 100	25	1	48008782	045242082391
230	1.8	14	S1126BEF/S1127BEF	3 - 11	5	1	48475787	045242369058
				Ø 10 - 175	25	1	48008787	045242082414
150	2.5	10	S926CHF/S936CHF	5 - 14	5	1	48475712	045242368990
				Ø 10 - 100	25	1	48008712	045242082377
230	2.5	10	S1226CHF/S1136CHF	5 - 14	5	1	48475713	045242369003
				Ø 10 - 175	25	1	48008713	045242082384
300	2.5	10	S1226CHF	4 - 10	5	1	48475714	045242369010
				Ø 10 - 180				
				Ø 10 - 250				

Metal: THIN KERF blades

QUICKEST THIN KERF

2X LIFE

LONGEST

TOUGH NECK

STRONGEST

DOUBLE DUTY UPGRADE

Improved tooth geometry for best speed and double the lifetime. 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.

THIN KERF

Slim 0.90 mm thick blade body optimised for maximum speed and flexibility.

*vs. standard Bi Metal blades

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



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



Up to 50x longer life than standard Bi-Metal blades. Carbide teeth deliver long life and extreme durability in the toughest applications. Cuts through hardened screws and fasteners.

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 fasteners 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.	10 - 100	10 - 100	Ø 10 - 100	Yes	Yes	Yes	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
											1	48008021	045242082285
230	5	5	S1110VF	10 - 175	10 - 175	Ø 10 - 175	Yes	Yes	Yes	5	1	48475026	045242368099
											1	48008026	045242082292
300	5	5	S1210VF	10 - 250	10 - 250	Ø 10 - 250	Yes	Yes	Yes	5	1	48475027	045242368105
											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.	10 - 100	10 - 100	Ø 10 - 100	Yes	Yes	Yes	Pack quantity	Min. order quantity	Article Number	EAN Code
150	5	5	S611DF	10 - 100	10 - 100	Ø 10 - 100	Yes	Yes	Yes	5	1	48475035	045242368112
										50	1	48016035	045242084791
230	5	5	S1111DF	10 - 175	10 - 175	Ø 10 - 175	Yes	Yes	Yes	5	1	48475036	045242368129
										50	1	48016036	045242084661
300	5	5	S1411DF	10 - 250	10 - 250	Ø 10 - 250	Yes	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.	6 - 14	Ø 10 - 100	6 - 14	Ø 10 - 100	Yes	Yes	Yes	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	S1156XHM	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	S1256XHM	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.	6 - 14	Ø 10 - 100	6 - 14	Ø 10 - 100	Yes	Yes	Yes	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

THE WRECKER™

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.	Icons	Pack quantity	Min. order quantity	Article Number	EAN Code
150	3.6/2.3	7/11	-	[Icons]	5	1	48475701	045242368969
230	3.6/2.3	7/11	S3456XF	[Icons]	5 25	1	48475706 48008706	045242369102 045242082520
300	3.6/2.3	7/11	-	[Icons]	5 25	1	48475711 48008711	045242368983 045242082537

Wood and plastics blades

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

Multi material: wood / metal / plastic cutting blades

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

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 - only 63 mm long, protects from unintentional cuts in pipes or wiring.






Double sided teeth - cuts in ALL directions - produces less dust than jobsaw handtool - cuts clean without ripping the drywall.

Plunge tip - fast and effortless plunging.





Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Icons	Pack quantity	Min. order quantity	Article Number	EAN Code
63	-	-	[Icons]	1	1	48471640	045242368044

Blade length (mm)	Tooth pitch (mm)	Teeth per inch	Icons	Pack quantity	Min. order quantity	Article Number	EAN Code
125	4.2	6	[Icons]	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

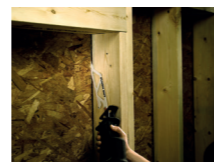
300	4.2	6	S1211K					1	1	48001082	045242079889
400	4.2	6	-					1	1	48001083	045242079896

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.

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	49222205	045242536528
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	49222206	045242567492
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	49222211	045242536856
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	49222229	045242536863
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	49222231	045242540686



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	-	-	-	-	-	-	-	-	1	1	49005456	045242219476	
125	-	-	-	-	-	-	-	-	1	1	49005455	045242293421	
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

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.

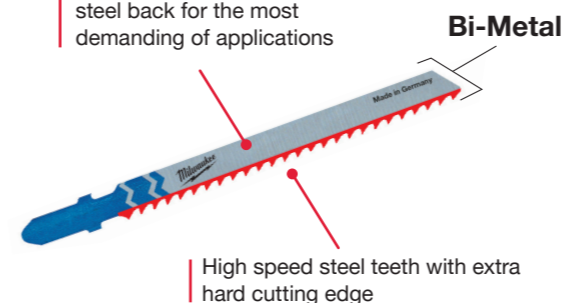
BI-METAL

- 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.

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



Bi-Metal

High speed steel teeth with extra hard cutting edge

Blade colour code

Shank colour means application

2743 51



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

2540 63



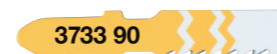
= For all types of ferrous and non-ferrous metals, steel, aluminium, brass, copper, stainless steel, lead, tin and sandwich materials. Silver colour blade body.

3733 87



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

3733 90



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

2540 63



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
2743 53														
50	2	T 119 B	< 20	-	< 20	Yes	-	No	No	No	5	1	4932274353	4002395301553
2540 71														
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.

3460 78														
50	1.35	T 101 A0	< 20	< 20	< 15	Yes	No	Yes	No	No	5	1	4932373392	4002395348879
2746 50														
50	2	T 119 B0	< 20	-	< 20	Yes	No	Yes	No	No	5	1	4932274650	4002395301485
4301 43														
75	2.5	Curve	< 30	< 20	< 20	Yes	No	Yes	No	Yes	5	1	4932430143	4002395378043
2653 12														
75	4 / 1.2	Special	< 30	-	< 30	No	Yes	Yes	No	No	5	1	4932265312	4002395301478
3460 78														
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.

2131 16														
75	4	T 144 D	< 50	-	-	No	Yes	No	No	Yes	5	1	4932213116	4002395301492
											25	1	4932373487	4002395349272
											100	1	4932430461	4002395381227
3733 91														
75	4	T 144 DF	< 50	-	-	No	Yes	No	No	Yes	5	1	4932373391	4002395348862
3116 33														
105	4	T 344 D	< 80	-	-	No	Yes	No	No	Yes	5	1	4932311633	4002395301508
3547 45														
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
4301 41															
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.

2540 61															
75	2.5	T 101 B	< 30	< 60	No	< 30	Yes	No	No	No	5	1	4932254061	4002395301522	
											25	1	4932373489	4002395349296	
3733 90															
75	2.5	T 101 BF	< 30	< 60	No	< 30	Yes	No	No	No	5	1	4932373390	4002395348855	
2743 51															
75	4	T 101 D	< 50	< 60	No	< 45	Yes	No	No	No	5	1	4932274351	4002395301515	
											25	1	4932373490	4002395349906	
3993 06															
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	
3460 71															

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.

3730 80															
75	4	T 101 DP	< 60	< 60	No	< 45	Yes	No	No	Yes	5	1	4932373080	4002395346073	
3733 88															
105	4	T 101 DP	< 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.

3460 79															
75	2.5	T 101 BR	< 30	< 60	No	< 60	Yes	No	No	No	5	1	4932346079	4002395312382	
3480 72															
105	2.5	T101BR	< 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.

3733 92															
50	1.35	T 101 A0	< 20	No	< 20	< 15	Yes	No	Yes	No	5	1	4932373392	4002395348879	
3730 83															
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
2746 52	0.7	T 118 G	0.5 - 2	0.5 - 2	-	-	5	1	4932274652	4002395301621
2540 63	1.2	T 118 A	1.5 - 4	1.5 - 4	-	-	5	1	4932254063	4002395301614
340011	1.2	T 118 AF	1.5 - 4	1.5 - 4	-	1.2 - 2	5	1	4932340011	4002395304684
3458 26	1.2	T 118 A	1.5 - 4	1.5 - 4	-	-	5	1	4932345826	4002395313464
3993 07	1	T 318 A	1 - 4	1 - 4	< 85	-	5	1	4932399307	4002395359219
2540 64	2	T 118 B	3 - 6	3 - 6	-	3 - 10	5	1	4932254064	4002395301591
3400 12	2	T 118 BF	3 - 6	3 - 6	-	2 - 3	5	1	4932340012	4002395304691
2746 51	2.5	T 101 A	-	2 - 10	< 45	3 - 10	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.

Blade length (mm)	Tooth pitch (mm)	Ref. No.	Cu/Ni/Ms/Zn	STAINLESS - INOX	ALU		Pack quantity	Min. order quantity	Article Number	EAN Code
4301 42	2.5 / 1.8	T 123 XF	2.5 - 10	3 - 10	< 50	4 - 10	5	1	4932430142	4002395378036
2746 54	1.2	T 318 AF	1.5 - 4	1.5 - 4	< 85	-	5	1	4932274654	4002395301607
2746 53	1.2	T 318 BF	3 - 6	3 - 6	< 85	3 - 10	5	1	4932274653	4002395301584
3730 86	1	T 718 AF	1 - 4	1 - 4	< 125	-	5	1	4932373086	4002395346097

Curve cutting blades

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

Blade length (mm)	Tooth pitch (mm)	Ref. No.	Cu/Ni/Ms/Zn	STAINLESS - INOX	ALU		Pack quantity	Min. order quantity	Article Number	EAN Code
3460 82	1.2	T 218 A	1.5 - 4	1.5 - 4	-	-	5	1	4932346082	4002395312368
3460 81	3	T 227 D	3.5 - 6	3.5 - 6	-	4 - 15	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
2743 15	3	T 127 D	3.5 - 6	3.5 - 6	-	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.

Blade length (mm)	Tooth pitch (mm)	Ref. No.	Cu/Ni/Ms/Zn	STAINLESS - INOX	ALU	Pack quantity	Min. order quantity	Article Number	EAN Code
3733 93	1.1	T 118 AHM	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 reinforced

Blade length (mm)	Tooth pitch (mm)	Ref. No.	Cu/Ni/Ms/Zn	STAINLESS - INOX	ALU		Pack quantity	Min. order quantity	Article Number	EAN Code
2746 51	2.5	T 101 A sp.	2 - 10	-	-	2 - 20	5	1	4932274651	4002395301577
3993 08	4.2	T 141 HM	-	-	-	5 - 20	1	1	4932399308	4002395359226
493 687	3.3	T301CHM	< 60	-	-	5 - 20	2	1	4932493687	4058546508470
3733 67	4.2	T 341 HM	< 60	-	-	5 - 20	1	1	4932373387	4002395348824

Special application: Abrasive materials / cast iron

Blade length (mm)	Grain	Ref. No.	Yes	Yes		Yes	Pack quantity	Min. order quantity	Article Number	EAN Code
2132 31	Grain 30	T 130 Coarse grit	-	-	< 15	5 - 15	1	1	4932213231	4002395301645
2122 32	Grain 50	T 150 Fine	-	-	< 10	5 - 15	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
4301 44										
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



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

STARLOCK

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



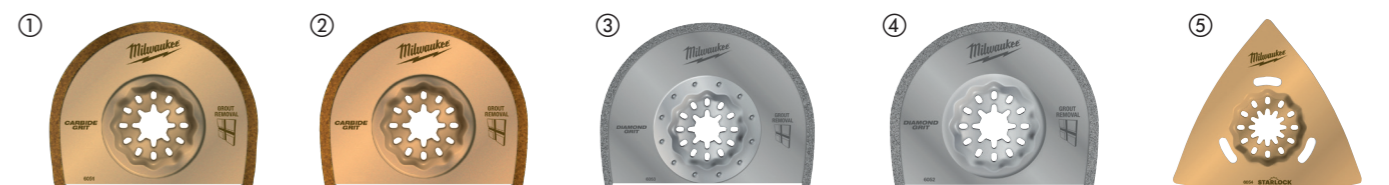
Multi material cutting blades

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 wide 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



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



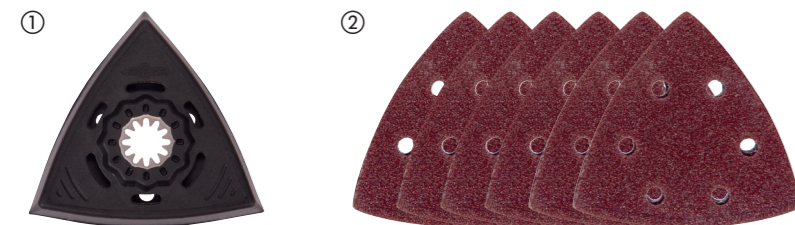
Scraping and cutting blades

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



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
		Grit				
Sanding paper pack (6pc) - Hook & Loop		60	6	1	48906071	045242600588
Sanding paper pack (6pc) - Hook & Loop		80	6	1	48906072	045242600595
② Sanding paper pack (6pc) - Hook & Loop		120	6	1	48906073	045242600601
Sanding paper pack (6pc) - Hook & Loop		180	6	1	48906074	045242600618
Sanding paper pack (6pc) - Hook & Loop		240	6	1	48906075	045242600632



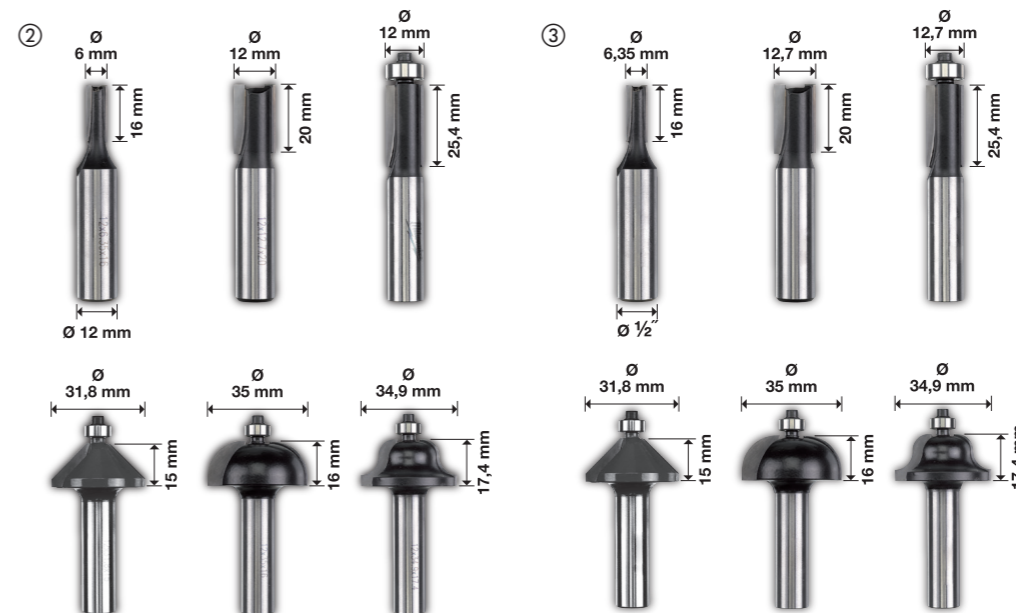
Multi-tool sets

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



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



DESIGNED FOR USE IN
PACKOUT



CIRCULAR SAW BLADES

CUTS COOLER. INCREASED ACCURACY. LONGER LIFE.



COBALT INFUSED TUNGSTEN CARBIDE TEETH
PRODUCE SHARP AND CLEAN CUTS



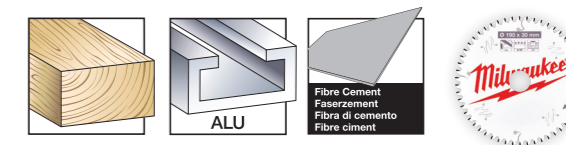
Circular saw blades for hand held circular saws

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. 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	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	
		24	2.2	+15°	ATB		✓				✓		1	1	4932471290	4058546289188	
160	20	48	2.2	+5°	ATB		✓					✓	1	1	4932471291	4058546289195	
		52	2.2	-5°	TF				✓	✓		✓	1	1	4932471292	4058546289201	
		4	2.2	+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	
165	20	4	2.2	10°	∅			✓			✓	✓	1	1	4932493217	4058546480882	
		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
165	30	48	2.2	+5°	ATB		✓					✓	1	1	4932471295	4058546289232	
		52	2.2	-5°	TF					✓	✓		✓	1	1	4932471296	4058546289249
		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
190	30	54	2.4	-5°	TF					✓	✓		✓	1	1	4932471303	4058546289317
		4	1.8	+10°	D								✓	1	1	4932471304	4058546289324
		16	2.4	+15°	ATB	✓	✓						✓	1	1	4932471324	4058546289522
210	30	48	2.8	+10°	ATB	✓	✓						✓	1	1	4932471325	4058546289539
		24	2.4	+15°	ATB		✓							1	1	4932471305	4058546289331
		36	2.4	+15°	ATB		✓							1	1	4932471306	4058546289348
235	30	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

*Thin Kerf: Cordless optimised, extra thin cutting width for maximum runtime

*All wood types: Soft/ hardwood, plywood, laminated chipboard, melamine, MDF

**Standard blades without PTFE coating and vibration slots

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
		60	3.0	-5°	ATB	✓			✓			1	1	4932471321	4058546289492
305	30	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)

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)

*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 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

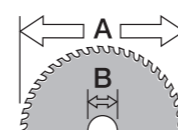
Circular saw blades for metal

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.



Ø mm

Blade diameter (mm)	Bore size (mm)	No. of teeth	Cutting width (kerf) (mm)	Material wall thickness (mm)	Material suitability											Pack quantity	Min. order quantity	Article Number	EAN Code	
					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)						
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	48404080	045242510283
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	48404515	045242134465
		50	1.8	1-2.5	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	1	1	48404520	045242134472
203	5/8"	58	2.4	>2.5	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗	1	1	48404345	045242569113

- ✓ 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 an 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 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 tougher 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



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.

APPLICATION GUIDE

PERFORMANCE

MATERIAL

STONE

Natural Stone
Granite
Porphyry

CONCRETE

Reinforced

HARD MATERIALS

+ Aggregated
+ Brick / Clinker (hard)
+ Roof tiles (hard)
+ Paving blocks etc.

CONCRETE

Medium strength

ABRASIVE

Soft Concrete /
Green concrete
Brick / Clinker
(soft)
Screed, Lime
sandstone

ASPHALT

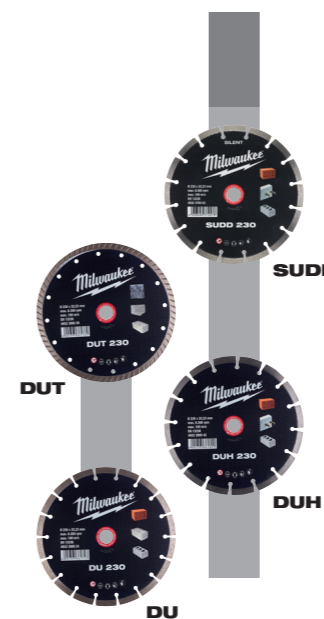
CERAMICS

Tiles

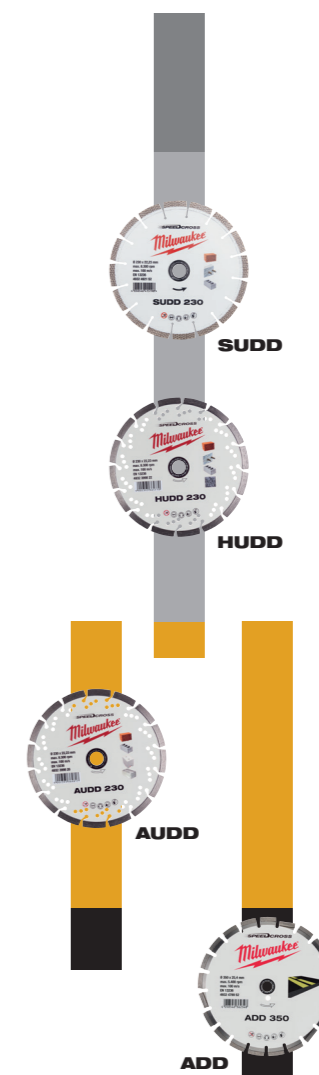
STEEL

Iron
Stainless steel
Non-ferrous
metals

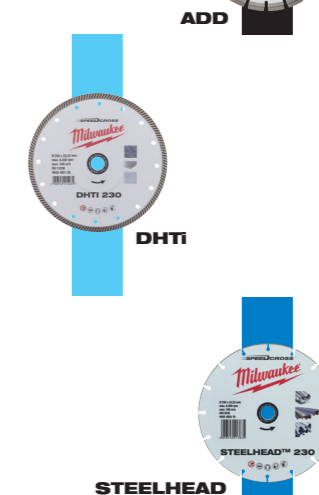
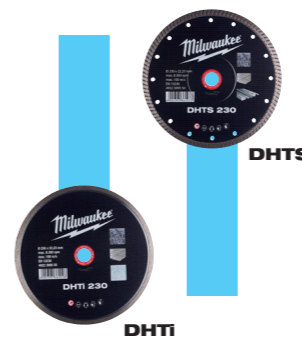
CONTRACTOR



SPEEDCROSS



PREMIUM SPEEDCROSS



Premium Speedcross XHUDD

NEW

Best-in-class diamond blade.

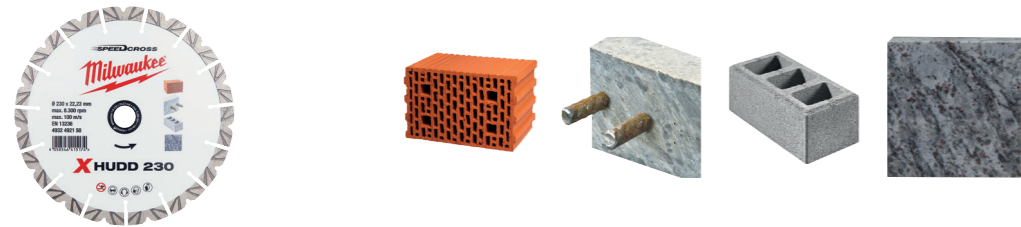
Suitable for all kinds of hard building materials.

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

NEW

Significantly reduced noise level due to Silent Technology.

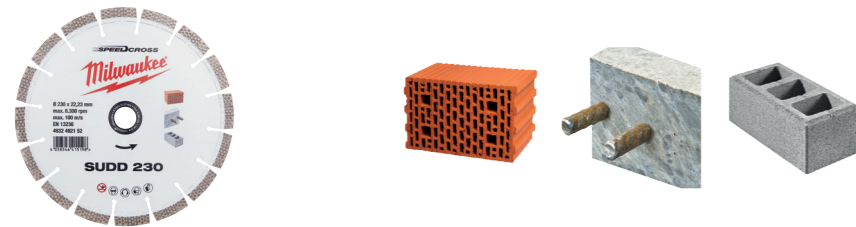
Universal application in all hard building materials.

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

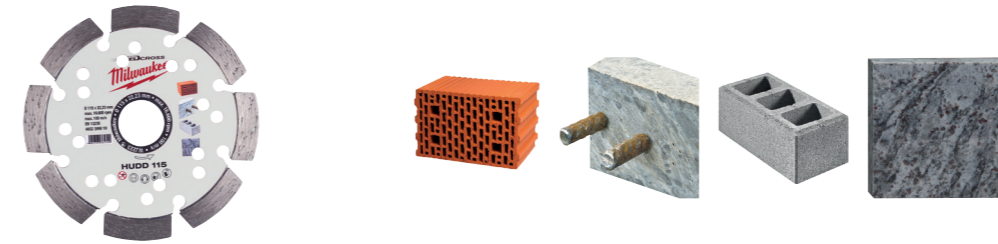
Speedcross HUDD

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

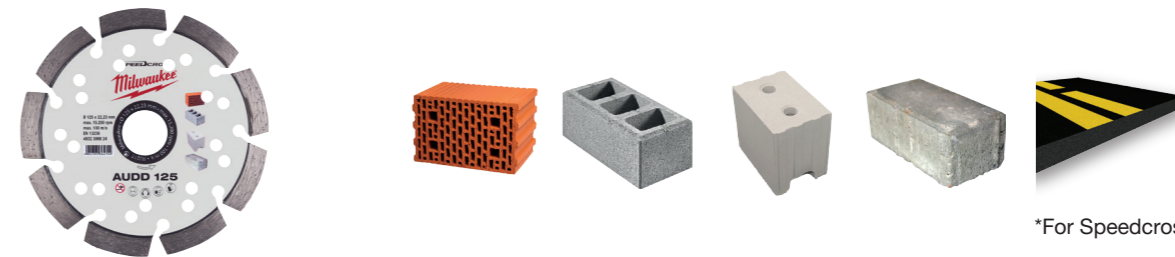
Speedcross AUDD

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, ...

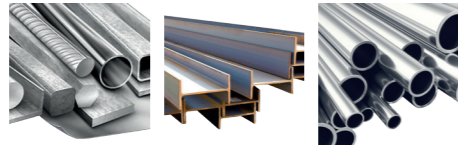


*For Speedcross AUDD 350mm only

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™

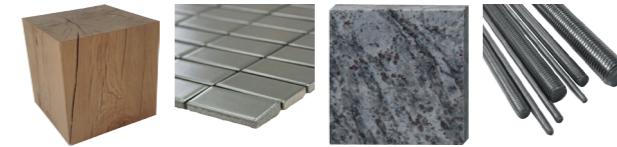
STEELHEAD™ is a specialist blade most suitable for steel, stainless steel and nonferrous metals. Extremely fast and aggressive cutting performance due to high density of vacuum brazed diamond coating. Consistent cutting depth, no risk of disc breakage and highest productivity vs. standard non-diamond 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 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.

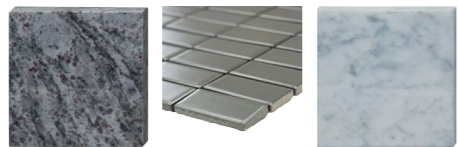


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHMM 76	76	10	2.2	1.2	1	1	4932471333	4058546289614

Speedcross DHTi

NEW

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.

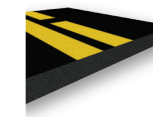


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHTi 115	115	22.23	10	2.3	1	1	4932492154	4058546415211
DHTi 125	125	22.23	10	2.3	1	1	4932492155	4058546415228
DHTi 230	230	22.23	10	2.3	1	1	4932492156	4058546415235

Speedcross ADD

NEW

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.

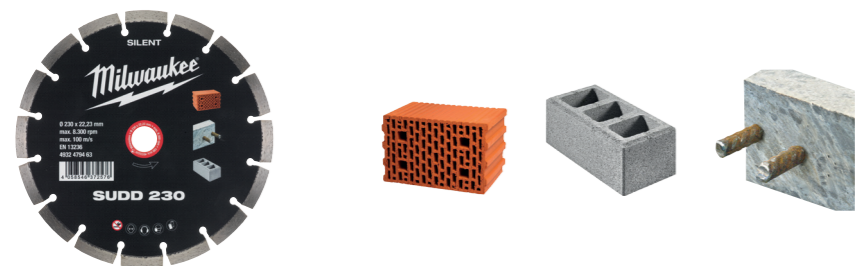


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
ADD 350 mm	350	25.4	10	2.8	1	1	4932478952	4058546362348

Contractor SUDD

NEW

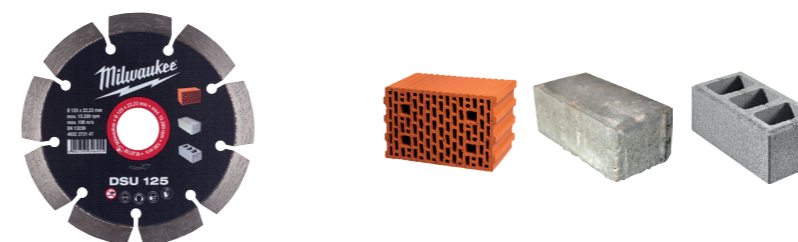
A laser welded quality blade with excellent performance and universal application in medium to hard building materials. Significantly reduced noise level due to Silent Technology.



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 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 DUH

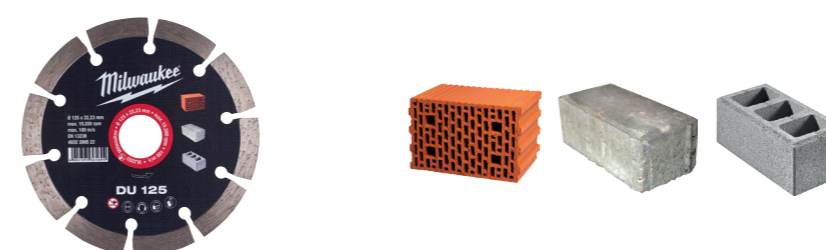
A laser welded quality blade with excellent performance and universal application in medium to hard building materials.



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 DU

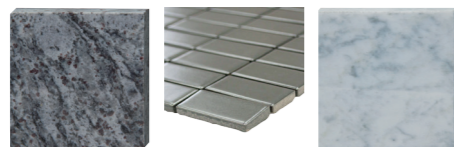
A general-purpose blade for a wide range of building materials with excellent price to performance ratio and direct sintered segments.



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.

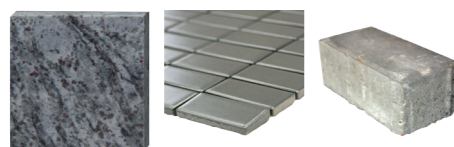


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DHTi 115	115	22.23	8	2.0	1	1	4932399552	4002395361991
DHTi 125	125	22.23	8	2.1	1	1	4932399553	4002395362004
DHTi 230	230	22.23	8	2.6	1	1	4932399555	4002395362028

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.

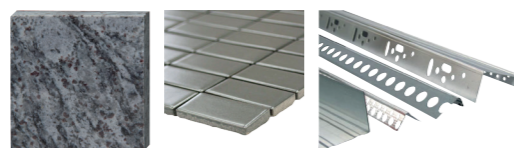


Type	Disc diameter (mm)	Bore size (mm)	Segment height (mm)	Cutting width (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
DUT 115	115	22.23	10	2.2	1	1	4932399526	4002395361731
DUT 125	125	22.23	10	2.3	1	1	4932399527	4002395361748
DUT 180	180	22.23	10	2.4	1	1	4932399528	4002395361755
DUT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

Combi-segment diamond cup wheels

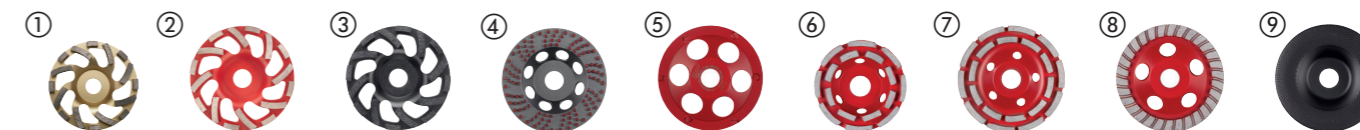
For quick grinding down of thick concrete layers, abrasive materials or special substances.

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.



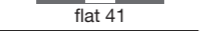
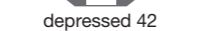


Type	Diameter (mm)	Bore size (mm)	No. of segments	Cup wheel height [mm]	Segment height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
SDCWU 100									
① Premium universal wheel for grinding and levelling applications. Highest stock removal.	100	22.23	16	21	5	1	1	4932430080	4002395377411
SDCWU 125									
② Premium universal wheel for grinding and levelling applications. Highest stock removal.	125	22.23	16	21	5	1	1	4932430081	4002395377428
SDCWA 125									
③ Universal wheel for grinding and levelling applications. High stock removal. For abrasive materials.	125	22.23	16	21	5	1	1	4932479093	4058546368876
Fine SDCWSF 125									
④ 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
Coarse SDCWSC 125									
⑤ PCD segment for removal of special substances: thermoplastic and epoxy based coatings, acrylic paint, glue, tile adhesive, screed, plaster	125	22.23	6	18.5	4 / 7	1	1	4932451188	4002395138760
DCWU 100									
⑥ Universal wheel for grinding and levelling applications. High stock removal	100	22.23	16	21	5	1	1	4932451185	4002395138739
DCWU 125									
⑦ Universal wheel for grinding and levelling applications. High stock removal	125	22.23	20	21	5	1	1	4932451186	4002395138746
DCWUT 125									
⑧ 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
SDCWUG 125									
⑨ 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

SC 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+**

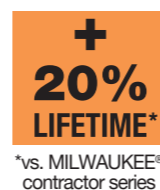
Special mixture delivers:

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.



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



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
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...)

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.



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...)

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

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...)

Carbide Blade

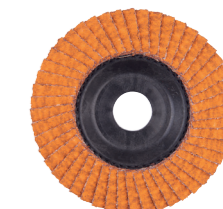
Carbide blade suitable for cutting wood, plastic and plasterboard.
No risk of disc breakages.
Cutting depth remains the same over the lifetime of the disc.
Suitable for cutting all types of softer materials.
Suitable for use with angle grinders.



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™

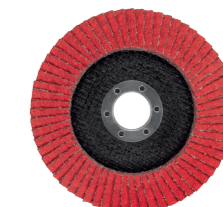
Maximum productivity with CERA TURBO™, 50% faster material removal and 2x longer lifetime vs. bonded disc.
Ceramic hybrid disc: grinds steel, stainless steel.
Plastic backing pad.
Highly flexible: perfectly adjusts to working piece.
Low heat development: no metal discolouration, especially on stainless 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

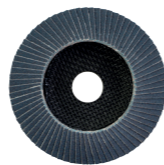
Maximum productivity with CERA TURBO™, 50% faster material removal and 2x longer lifetime vs. bonded disc.
CERA TURBO™ XL with 10 mm protruding flaps for grinding down fillet welds.
Ceramic hybrid disc: grinds steel, stainless steel.
Natural fibre backing pad.
Highly flexible: perfectly adjusts to working 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	Natural fibre	1	10	4932478946 4058546362287
	SLC XL 50 / 115	115	60	22.2	Natural fibre	1	10	4932478947 4058546362294
	SLC XL 50 / 115	115	80	22.2	Natural fibre	1	10	4932478948 4058546362300
	SLC XL 50 / 125	125	40	22.2	Natural fibre	1	10	4932478949 4058546362317
	SLC XL 50 / 125	125	60	22.2	Natural fibre	1	10	4932478950 4058546362324
	SLC XL 50 / 125	125	80	22.2	Natural fibre	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	Natural Fibre	1	10	4932472220	4058546326166
	SL 50 / 115	115	60	22.2	Natural Fibre	1	10	4932472221	4058546326173
	SL 50 / 115	115	80	22.2	Natural Fibre	1	10	4932472222	4058546326180
	SL 50 / 115	115	120	22.2	Natural Fibre	1	10	4932472223	4058546326197
	SL 50 / 125	125	40	22.2	Natural Fibre	1	10	4932472224	4058546326203
	SL 50 / 125	125	60	22.2	Natural Fibre	1	10	4932472225	4058546326210
	SL 50 / 125	125	80	22.2	Natural Fibre	1	10	4932472226	4058546326227
	SL 50 / 125	125	120	22.2	Natural Fibre	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
	115	60	22.2	Plastic	1	10	4932479090	4058546368845
	125	40	22.2	Plastic	1	10	4932479091	4058546368852
	125	60	22.2	Plastic	1	10	4932479092	4058546368869

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

NEW

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
Stainless 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 reinforced 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





154 NEW COATED ABRASIVES

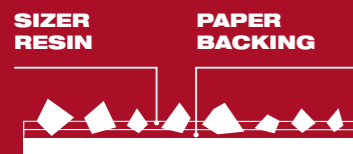
4 NEW SETS
ACROSS ALL PRODUCT TYPES

COATED ABRASIVES

3 PERFORMANCE LEVELS

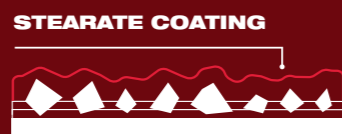
STANDARD

- 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



STANDARD



✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
---	---	---	---	---	---	---	---	---	---

HIGH PERFORMANCE



✓	✓	✗	✗	✓	✓	✓	✓	✓	✓
---	---	---	---	---	---	---	---	---	---

POWERGRID MESH



✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
---	---	---	---	---	---	---	---	---	---

HL = Hook & Loop

Sanding sheets for random orbital sanders

Power Grid Mesh Sanding Discs HL

NEW

Plastic 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).

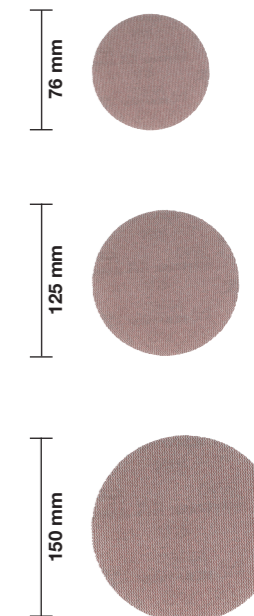
3x longer life versus standard sandpaper.

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

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

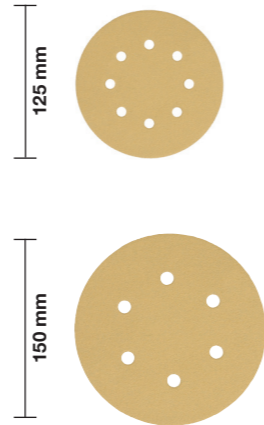
Mesh & Pad Saver 150 mm H&L Set 2 - 10 pcs

Sand Disc PG Mesh: 3 x Grit 80 / 3 x Grit 120 / 3 x Grit 180, 1 x Pad Saver

High Performance Sanding Discs HL

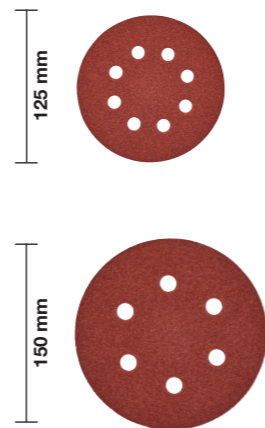
NEW

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



Standard Sanding Discs HL

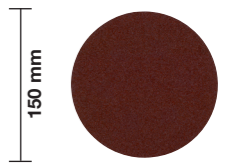
Grit	Paper size diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
40	125	10	1	4932492172	4058546415396
60	125	10	1	4932492173	4058546415402
80	125	10	1	4932492174	4058546415419
120	125	10	1	4932492175	4058546415426
180	125	10	1	4932492176	4058546415433
240	125	10	1	4932492177	4058546415440
40	125	25	1	4932492191	4058546415587
60	125	25	1	4932492192	4058546415594
80	125	25	1	4932492193	4058546415600
120	125	25	1	4932492194	4058546415617
180	125	25	1	4932492195	4058546415624
240	125	25	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

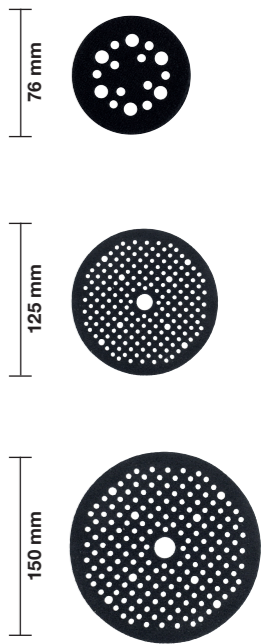


Pad Saver

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.

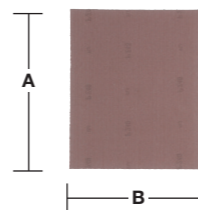
Diameter (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
76	5	1	4932499375	4058546565398
125	5	1	4932492291	4058546416584
150	5	1	4932492292	4058546416591



Power Grid Mesh Sanding Sheets HL

NEW

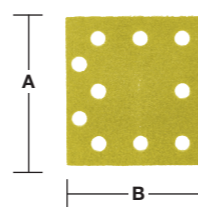
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Min. order quantity	Article Number	EAN Code
80	115 x 107	10	1	1	4932492249	4058546416164
120	115 x 107	10	1	1	4932492250	4058546416171
180	115 x 107	10	1	1	4932492251	4058546416188
240	115 x 107	10	1	1	4932492252	4058546416195
320	115 x 107	10	1	1	4932492253	4058546416201
400	115 x 107	10	1	1	4932492254	4058546416218
Mesh 115 x 107 H&L Set - 10 pcs						
Sand Sheet PG Mesh: 4 x Grit 80 / 3 x Grit 120 / 3 x Grit 180		10	1	1	4932492295	4058546416621



High Performance Sanding Sheets HL

NEW

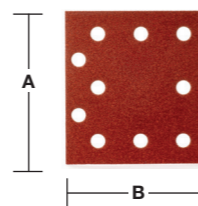
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Min. order quantity	Article Number	EAN Code
80	115 x 107	10	1	1	4932492244	4058546416119
120	115 x 107	10	1	1	4932492245	4058546416126
180	115 x 107	10	1	1	4932492246	4058546416133
240	115 x 107	10	1	1	4932492247	4058546416140
320	115 x 107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



Standard Sanding Sheets HL

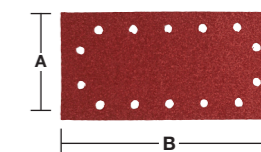
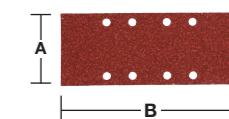
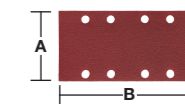
NEW

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



Standard Sanding Sheets

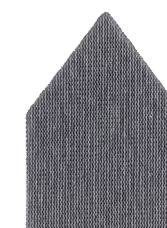
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Min. order quantity	Article Number	EAN Code
60	80 x 133	10	1	1	4932492763	4058546476342
80	80 x 133	10	1	1	4932492764	4058546476359
120	80 x 133	10	1	1	4932492765	4058546476366
180	80 x 133	10	1	1	4932492766	4058546476373
240	80 x 133	10	1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



Power Grid Mesh Delta Sanding Sheets HL

NEW

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	Paper size A x B (mm)	Pack quantity	Min. order quantity	Min. order quantity	Article Number	EAN Code
80	67 x 92	13	1	1	48805080	045242645299
120	67 x 92	13	1	1	48805120	045242645312
180	67 x 92	13	1	1	48805180	045242645336
220	67 x 92	13	1	1	48805220	045242645343
320	67 x 92	13	1	1	48805320	045242645350
400	67 x 92	13	1	1	48805400	045242645367
Sponge Interface Pad 67 x 92 mm		1	1	1	48805402	045242645381
Mesh 67 x 92 mm - 12 pc Set + Pad saver		13	1	1	48805405	045242645398

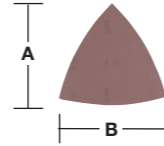


Sanding sheets for delta sanders

Power Grid Mesh Delta Sanding Sheets HL

NEW

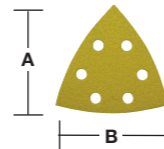
Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
80	93 x 93	10	1	4932492281	4058546416485
120	93 x 93	10	1	4932492282	4058546416492
180	93 x 93	10	1	4932492283	4058546416508
240	93 x 93	10	1	4932492284	4058546416515
Mesh 93 x 93 H&L Set - 10 pcs					
Sand Disc PG Mesh: 4 x Grit 80 / 3 x Grit 120 / 3 x Grit 180		10	1	4932492296	4058546416638



High Performance Delta Sanding Sheets HL

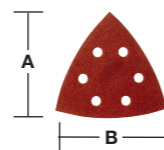
NEW

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



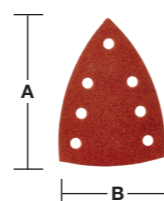
Standard Delta Sanding Sheets HL

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



Standard Delta Sanding Sheets HL

Grit	Paper size A x B (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
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

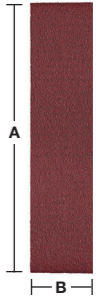


Abrasive belts

Cloth sanding belts for wood, metal, paint, lacquer, 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



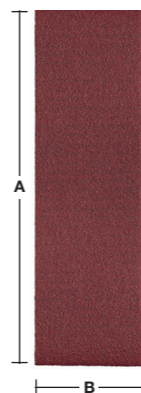
Sanding belts 100 x 610 mm

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



Abrasive Belts for Band File

NEW

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

NEW

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
50-80	330 x 10	5	1	4932492877	4058546477486
50-80	457 x 13	5	1	4932492884	4058546477554
180-220	330 x 10	5	1	4932492879	4058546477509
180-220	457 x 13	5	1	4932492886	4058546477578
100-150	330 x 10	5	1	4932492878	4058546477493
100-150	457 x 13	5	1	4932492885	4058546477561



Polishing Fleece Belts for Band File

NEW

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



Red sponge: Polishing sponge hard. Hard sponge with coarse foam structure. For maximum removal of the reconditioning lacquer, removing deep scratches and polishing weather beaten lacquer.

Yellow sponge: Polishing sponge soft / fine. Soft sponge with fine foam structure. For fine polishing with polishing creams / wax compounds to remove fine scratches and holograms (swirls).

Blue sponge: Polishing sponge extremely soft / fine. Extremely soft sponge with fine foam structure. For fine polishing with polishing creams / wax compounds to remove very fine scratches and holograms (swirls).

Cloths: Microfibre polishing cloths. 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. Colour coded for use with respective sponges and compounds to avoid contamination.

Machine-washable with 30° without softener.

Premium Polishing Accessories - Sponges

NEW

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

NEW

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

NEW

Description	Pack quantity	Min. order quantity	Article Number	EAN Code
Compound Red Coarse 11 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 11 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 11 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



Premium - Hook & Loop Ø 125 mm

Description	Diameter (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
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
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
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.	400 x 400		1	1	4932430398	4002395380596



Polishing Accessories - hook & loop Ø 150 mm

Description	Diameter (mm)	Height (mm)	Pack quantity	Min. order quantity	Article Number	EAN Code
Polishing backing pad. Application: Reception of felt / lambswool polishing discs and sponges.	150	25	1	1	4932373161	4002395347285
Characteristics: M14 thread, break resistant with integrated soft and flexible foam layer, Hook & Loop fixation.						
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
Lambswool polishing disc. Finishing high gloss polishing.	150	25	1	1	4932373164	4002395347926
Polishing sponge hard. Polish up of weather-beaten lacquer, lacquer re-conditioning.	150	50	1	1	4932373165	4002395347940
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
Polishing / Sanding backing pad. Thread: M9 x 0.75.	76		1	1	4932430488	4002395381494
Hook and loop fixation. For use with polishing sponges and abrasive paper.						
Polishing sponge - Hard (yellow). Hard sponge for use with more aggressive polish for removal of deep scratches. Hook and loop fixation. For use with polishing / sanding backing pad.	75	25	1	1	4932430489	4002395381500
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
Lambswool polishing pad. Hook and loop fixation. For use with polishing / sanding backing pad.	80		1	1	4932430838	4002395385003
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
Fixing kit				9	1	4932399731	4002395363827
① Stud bolt, setting tool, wing nut, washer and 5 pcs M12 drop anchor	✓	✓	✓	9	1	4932399731	4002395363827
1 3/8" open ended spanner. For holding the motor output spindle while removing a core bit		✓		1	1	49964705	045242222766
② 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
Fixtec release. Suitable for all diamond motors with 1 1/2" spindle reception. Prevents the core bit from locking itself too tight onto the machine spindle. The core bits can then be released and removed with minimum effort	✓	✓		1	1	4932352053	4002395367108
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 extension rod, length 300 mm	✓	✓	✓	1	1	4932399724	4002395363759
⑤							
1 1/4" female / male extension rod, length 500 mm	✓	✓	✓	1	1	4932399725	4002395363766
⑥							
Telescopic extension. 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
⑦							
Vacuum pump VP6	✓	✓	✓	1	1	4932352094	4002395367474
⑧							
Vacuum plate. Replacement rubber seal 4931428665	✓			1	1	4932352676	4002395373345
⑨							
WT 10 watertank	✓	✓	✓	1	1	4932399726	4002395363773
⑩							
Water collection ring: For use with drill rig DR 152 T. For use with max. Ø 152 mm core bits				1	1	4932478073	4058546340063
Replacement rubber ring for DR 152 T				1	1	4932352678*	4002395373369
⑪			✓				
Water collection ring: max. Ø 180 mm			✓	1	1	4932399727	4002395363780
Replacement rubber ring for DR 250 TV			✓	1	1	4932399729	4002395363803
⑫							
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
⑬							
Spacer block T = 50 mm. Needs to be mounted between drill rig and motor cores > 250 mm and max. 350 mm. Included in drill rig DR 350 T		✓		1	1	4932399736	4002395363872
⑭							
Quick connection motor mounting plate. Included in both drill rigs DR 250 TV and DR 350 T		✓		1	1	4932399733	4002395363841
⑮							
Water collection ring: For universal use with diamond drilling tools. For use with max. Ø 152 mm core bits	✓	✓	✓	1	1	4932478073	4058546340063
⑯							
Guide rod for DD3-152. Requires SDS-plus pilot drill (Ø 8 x 110 mm)	✓	✓	✓	1	1	4932352679	4002395373376



Rotary hammers - System attachments

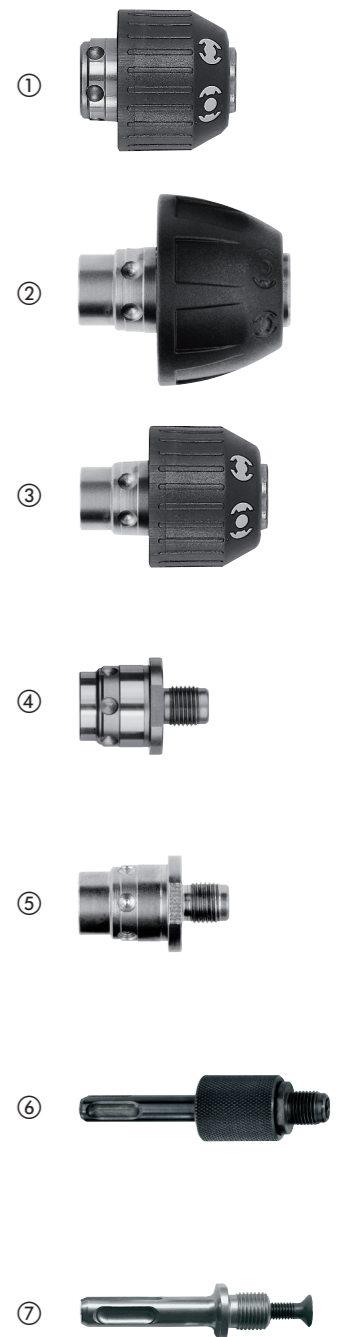
Rotary hammer chuck adaptors

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	1/2" x 20 UNF	371807	344710
⑤ FIXTEC	1/2" x 20 UNF	399154	357635
⑥ SDS-Plus	1/2" x 20 UNF	367438	337668
⑦ SDS-Plus	1/2" x 20 UNF	367166	334438

⑤ 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 Chuck adaptor with direct bit reception (1/4" Hex) to accept screwdriving bits. Threaded housing enables adaptor to be tightened to the chuck resulting in no wobble.

⑦ Chuck adaptor with retaining screw.



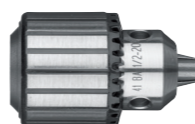
Keyed chucks

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	M18x2.5	✓	✓	✓	✓		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 1/4" 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
① Chuck key	A	S2A	1	1	4932221378	4002395302765
	B	S2AT	1	1	4932310612	4002395309177
	C	S3T	1	1	4932221379	4002395306381
	D	S14	1	1	4932304684	4002395300105
	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
Ejector tool DIN 317 size 3			1	1	4932604226	4002395311248



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	1/2" x 20	✓	✓	✓	✓	✓	1	1	4932364382	4002395337675
1.5-13	1/2" x 20	✓		✓	✓	✓	1	1	4932376531	4002395346332
1.5-13	1/2" x 20	✓	✓	✓	✓	✓	1	1	4932376533	4002395346349
1.5-13	1/2" x 20	✓		✓	✓	✓	1	1	4932364265 ¹	4002395334056
1.5-13	1/2" x 20	✓	✓	✓	✓	✓	1	1	4932364267	4002395334070



¹ Industrial quality

Keyless chucks for FIXTEC (spindle lock) machines

Chuck jaws open (mm)	Locking device	Safety screw	Rotary 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	1/2" x 20	✓	✓	✓	✓	1	1	4932372443	4002395345458
1.5-13	1/2" x 20	✓	✓	✓	✓	1	1	4932371913	4002395345366
1.5-13	3/8" x 24	✓	✓	✓	✓	1	1	4932399492	4002395361137
1.5-13	3/16" 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	Battery drill	Pack quantity	Min. order quantity	Article Number	EAN Code
1.0-13	1/2" x 20	✓	✓	✓	1	1	4932364266	4002395334063



Keyless chucks - specific tool related chucks

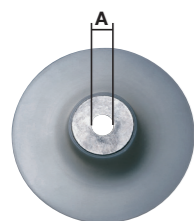
Chuck jaws open (mm)	Reception	Machine specific	Locking device	Rotary drill	Safety screw	Pack quantity	Min. order quantity	Article Number	EAN Code
① 1.0-10	1/2" x 20	HDE 10 RQX			✓	1	1	48661520	045242156795
① 1.5-13	1/2" x 20	HDE 13 RQX			✓	1	1	42660755	4002395891436
② 1.5-13	FIXTEC		✓	✓		1	1	4932399214	4002395358236
③ 1.0-10	FIXTEC	M12 BDDX		✓		1	1	4932430444	4002395381050



Angle grinders - System attachments

Flexible backing pads

Description	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
Flexible backing pad. Complete with flange nut M14 for all angle grinders	14.2	125		✓			1	1	4932345761	4002395313495
	14.2	170			✓		1	1	4932345758	4002395313501
	22.2	170			✓		1	1	4932352744	4002395374021
Replacement flange nut M14			✓	✓	✓	✓	1	1	4932345627	4002395313112



Planers - System attachments

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
	56.1 mm	M12 BLP	2	1	4932493399	4058546482701
Tungsten carbide reversible blades. Two reversible blades, suitable for soft and hardwoods	82 mm	M18 BP,H 500,H 750	2	1	4932273484	4002395300150
	102 mm	HB 750,HBE 800	2	1	4932316243	4002395300167





Nothing but **HEAVY DUTY.**TM

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