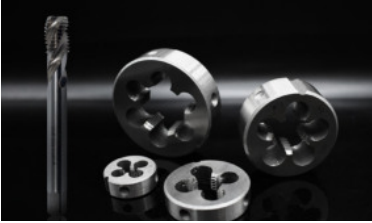


07

METAL DRILL BITS

HSS-R, HSS-G, HSS-GS, HSS-G VULCANO, HSS-TiN, HSS-Co, HSS-Co MULTI, HSS-Co MULTI EDGE, HSS-GS MULTI SPEED, HSS-G TCT metal drill bits and sets, core drills, step drills, conical drills, conical countersinks, TCT rotary burrs and sets



33

TAPS AND DIES

HSS-G, HSS-Co taps, dies, thread cutting and repair sets



43

CONCRETE DRILL BITS

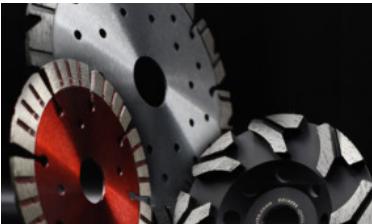
Masonry and concrete drill bits, SDS Plus and SDS Max concrete drill bits and chisels, core drills, RATiO drilling system, CLEAN EXPERT dust-free drilling system, multi-purpose universal drill bits, chucks, glass and ceramic drills



61

WOOD DRILL BITS

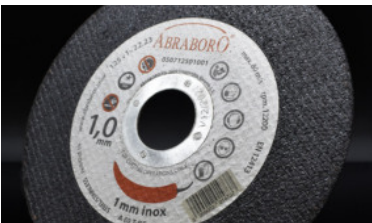
Wood drill bits, auger bits, Forstner drill bits, router bits, carbide planer blades



71

DIAMOND TOOLS

Diamond cutting and grinding discs, diamond core drill bits, diamond-coated tile and ceramic drill bits



81

CUTTING AND GRINDING DISCS

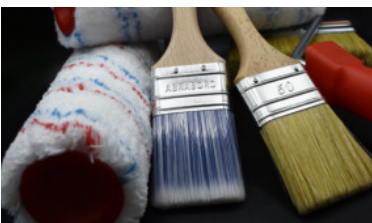
Cutting discs, grinding discs, grinding cups and grinding wheels



87

WIRE BRUSHES

Cup brushes, circular brushes, shaft-mounted brushes, hand brushes, tube brushes



95

PAINTING TOOLS

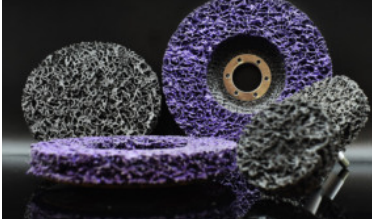
Paint brushes, paint rollers, accessories, masonry tools



103

ADHESIVE TAPES

Masking tapes, parcel tapes, tape dispenser, utility adhesive tapes (DUCT TAPE) , aluminium and alu-foil tapes



107

ABRASIVES

Flap discs, fibre discs, velcro discs, velcro sanding mesh, backing pads, mounted points, sanding pads, non-woven abrasives, polishing wheels, flap wheels, endless belts, abrasive sheets, abrasives with Quick-Lock mounting, MINI-TOOL sets



121

BITS AND SCREWDRIVERS

Bit holders, SUPRA bits, IMPACT bits, POWER bits, bit sets, key wrenches, screwdrivers



133

HAND TOOLS, CONSTRUCTION TOOLS

Pliers, hand chisels, hammers, axes, staples and staple guns, engineer's files



141

MULTITOOL ACCESSORIES

With **STARLOCK** mounting system



147

CUTTER KNIVES, BLADES



153

SAW BLADES

HSS-Co hole saws, TCT universal hole saws and accessories, jigsaw blades, reciprocating saw blades, circular saw blades



167

SAFETY GLASSES

SYMBOLS MEANING



Right-hand drill



Right-hand thread tap



118° drill point



135° drill point



Split point drill point



Tolerance



Triangular shank



Reduced shank



SDS Plus shank



SDS Max shank



PGM certified and quality controlled



EU 2002/44/EC directive-compliant, user-friendly product with low vibration levels



Longer service life and reduced drill bit breakage thanks to HST surface treatment technology



Impact drill resistant



Not suitable for impact drilling



Twinmax drill spiral, quick material removal



DURATEC hardening technology



For use in a drilling machine



For use in a cordless drilling machine



For use in an angle grinder



For use in a cordless angle grinder



Spiral angle: 25-30°
Flute profile: normal
point: 118°, C shape



Spiral angle: 40°
Flute profile: wide, rounded rear edges
point: 130°, C shape



Spiral angle: 35-40°
Flute profile: wide, for better chip removal
point: 130°, C shape



Whitworth thread



Metric thread



Metric, fine thread



Long service life



Fast working speed



Segment height



Drilling depth



Cooling, lubrication recommended

The table below allows you to calculate the peripheral speed (m/s) based on the tool diameter (horizontal row) and the machine speed (vertical column), as well as determine the maximum speed based on the recommended peripheral speed.

		Diameter D (mm)													
Rpm (min ⁻¹)		20	40	50	80	100	125	150	180	200	250	300	350		
800					3,35	4,19	5,23	6,28	7,53	8,37	10,47	12,56	14,75		
900				2,35	3,77	4,71	5,88	7,06	8,48	9,41	11,7	14,12	16,47		
1.150				3,01	4,81	6,01	7,52	9,02	10,83	12,03	15,04	18,04	21,04		
1.200	1,26	2,51	3,14	5,02	6,28	7,85	9,41	11,30	12,55	15,69	18,83	21,97			
1.400	1,46	2,93	3,66	5,86	7,32	9,15	10,98	13,18	14,64	18,31	21,97	25,63			
1.500	1,57	3,14	3,92	6,28	7,85	9,81	11,77	14,13	15,69	19,61	23,54	27,46			
1.800	1,88	3,77	4,71	7,54	9,41	11,77	14,12	16,95	18,83	23,54	28,24	32,95			
2.000	2,09	4,19	5,23	8,37	10,26	13,08	15,69	18,84	20,92	26,15	31,38	36,61			
2.500	2,62	5,23	6,54	10,47	13,08	16,35	19,61	23,55	26,15	32,67	39,23	45,76			
2.800	2,93	5,86	7,32	11,72	14,64	18,31	21,97	26,37	29,29	36,61	43,93	51,25			
3.000	3,14	6,28	7,85	12,56	15,69	19,62	23,54	28,26	31,38	39,23	47,07	54,92			
3.200	3,35	6,70	8,37	13,40	16,74	20,92	25,10	30,14	33,47	41,84	50,21	58,58			
3.500	3,66	7,33	9,15	14,65	18,31	22,89	27,46	32,97	36,61	45,76	54,92	64,07			
4.000	4,19	8,37	10,46	16,75	20,92	26,16	31,38	37,68	41,84	52,33	62,76	73,22			
4.500	4,70	9,42	11,77	18,84	23,54	29,43	35,30	42,40	47,07	58,84	70,61	82,43			
5.000	5,23	10,47	13,08	20,93	26,15	32,70	39,23	47,10	52,33	65,38	78,50				
5.400	5,65	11,30	14,12	22,94	28,24	35,31	42,36	50,67	56,48	70,61	84,78				
6.000	6,28	12,56	15,69	25,12	31,38	39,24	47,07	56,52	62,76	78,50					
7.000	7,33	14,66	18,31	29,31	36,61	45,78	54,92	65,94	73,22	91,58					
8.000	8,37	16,75	20,92	33,94	41,48	52,32	62,76	75,36	83,73						
9.000	9,42	18,84	23,54	37,68	47,07	58,86	70,61	84,78	94,20						
10.000	10,47	20,93	26,17	41,86	52,33	65,40	78,50	94,20							
12.500	13,08	26,17	32,71	52,33	65,42	81,75	98,13								
15.000	15,70	31,40	39,25	62,80											
17.500	18,32	36,63	45,79	73,26											
20.000	20,93	41,87	52,33	83,73											
22.500	23,55	47,10	58,88	94,20											
25.000	26,17	52,33	65,42	104,66											

SYMBOLS MEANING



Hardwood and softwood, fiberboard, nailed wood, pallets



Nailed wood, pallets



Parquet, laminate parquet



Gypsum board



Green wood



Steel pipes, profiles, steel plates



Steel plate



Inox, stainless, acid-resistant steel



Aluminum



Non-ferrous metals



Brick, building materials



Brick



Concrete, washed concrete, brick



Reinforced concrete



Ytong, aerated concrete



Granite, natural stone



Asphalt



Eternit, asbestos-cement pipes



Tile



Glass, ceramics



Window



Plastic



Fiberglass reinforced plastic



Sandwich materials



Styrofoam



Rubber



Leather



Ice / frozen goods



Bone



Meat (frozen)

METAL DRILL BITS



HSS METAL DRILL BITS

STANDARD PROGRAM

HSS-R cylindrical shank metal twist drill bit, short

Right-hand spiral drills made of high-performance HSS (High-Speed Steel), N type, 118° drill point, diameter tolerance h8, according to DIN 338 standard. Rolled spiral, black color.
Suitable for drilling alloyed and non-alloyed steels (up to 900 N/mm² tensile strength), grey cast iron.



HSS-G ground cylindrical shank metal twist drill with reduced shank, short

Ground industrial-grade drills made of high-performance HSS, N type, 118° drill point, diameter tolerance h8, according to DIN 338 standard. Right-hand design, silver color.
Suitable for drilling alloyed and non-alloyed steels (up to 900 N/mm² tensile strength), grey cast iron.



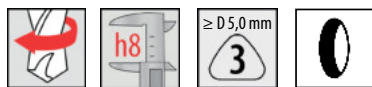
HSS-GS ground cylindrical shank metal twist drill, short

Ground industrial-quality drills made from high-performance HSS. Self-centering, N type, 135° Split point, diameter tolerance h8, according to DIN 338 standard, silver color.
Suitable for drilling non-ferrous metals, alloyed and non-alloyed steels (up to 900 N/mm² tensile strength), steel castings and grey cast iron.



HSS-G ground metal twist drill bit with STEP-TIP VULCANO - for creating a perfectly round hole

High-performance ground metal twist drill with unique "STEP-TIP" step drill point geometry (from 3.0 mm diameter) according to DIN 338 standard, silver color.
Suitable for steel (up to 900 N/mm² strength), aluminum, pipes, plastics, plexiglass, non-ferrous metals and hard and soft wood.



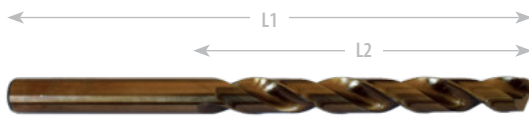
HSS-GS TiN titanium coated cylindrical shank metal twist drill bit, short

Ground industrial-quality drills made of high-performance HSS, titanium-nitride (TiN) coated. Self-centering, N type, 135° Split point, diameter tolerance h8, according to DIN 338 standard, gold color.
Suitable for drilling alloyed and non-alloyed steels (up to 900 N/mm² tensile strength), steel castings, grey cast iron, tempered cast iron, sintered iron, aluminum, red copper and bronze.



HSS-Co cobalt cylindrical shank metal twist drill bit, short

High-performance HSS drills with 5% cobalt content. Self-centering, W type, 135° Split point, diameter tolerance h8, according to DIN 338 standard, bronze color.
**Suitable for stainless steel and hard alloys (above 900 N/mm² tensile strength). High wear resistance, suitable for use in drilling machines or drill-press.
Water cooling is highly recommended during use.**



HSS-Co cobalt multi metal twist drill with triangular shank, short

High-performance HSS drills with 5% cobalt content. Self-centering, W type, 135° Split point, diameter tolerance h8, according to DIN 338 standard, bronze color.
**Suitable for drilling stainless steel and alloys (up to 850 N/mm² tensile strength), copper and aluminum.
Can only be used with cooling.**



HSS METAL DRILL BITS

ABRABORO SPECIALITIES

HSS-Co metal twist drill DIN 338 MULTI EDGE

The perfect drill for creating holes in acid-resistant (stainless) materials.

High-Performance 5% cobalt HSS twist drill.

Made from high-performance HSS with 5% cobalt content, featuring drill point geometry according to DIN 1412C. Patented drill head for highly precise, accurate and fast drilling. Equipped with a triangular ground shank, which provides excellent clamping in the drill chuck.

Suitable for drilling stainless steel and alloys (up to 850 N/mm² tensile strength), copper and aluminum.



size D x L1/L2 (mm)	article number
3,0 x 61/33	020340003007
3,5 x 70/39	020340003507
4,0 x 75/43	020340004007
4,5 x 80/47	020340004507
5,0 x 86/52	020340005007
5,5 x 93/57	020340005507
6,0 x 93/57	020340006007
6,5 x 101/63	020340006507
7,0 x 109/69	020340007007
7,5 x 109/69	020340007507
8,0 x 117/75	020340008007
8,5 x 117/75	020340008507
9,0 x 125/81	020340009007
9,5 x 125/81	020340009507
10,0 x 133/87	020340010007
10,5 x 133/87	020340010507
11,0 x 142/94	020340011007
11,5 x 142/94	020340011507
12,0 x 151/101	020340012007
12,5 x 151/101	020340012507
13,0 x 151/101	020340013007

Packing unit: D 3,0-4,0 mm: 2 pcs / EV-Pack
D 4,5-13,0 mm: 1 pc / EV-Pack

HSS-G ground metal twist drill DIN 338 with step tip VULCANO

High-Performance HSS-G ground metal twist drill with unique "STEP-TIP" step drill tip geometry (from D 3,0 mm):

- Perfect centering
- Extremely accurate, perfectly round holes
- Fast, smooth and easy drilling
- Precise drilling without pre-drilling, with no deviation
- Effortless drilling and widening of existing holes

Triangular Ground Shank

- Excellent grip in the drill chuck, preventing rotation
- Optimal power transmission
- Faster, more comfortable work



Suitable for thin-walled sheets, profiles, steel (up to 900 N/mm² strength), aluminum, plastics, plexiglass, non-ferrous metals and hard and soft wood.



size D x L1/L2 (mm)	number of steps	article number
1,0 x 34/12	0	020330001000
1,5 x 40/18	0	020330001500
2,0 x 49/24	0	020330002000
2,5 x 57/30	0	020330002500
3,0 x 61/33	1	020330003000
3,2 x 65/36	1	020330003200
3,5 x 70/39	1	020330003500
4,0 x 75/43	2	020330004000
4,2 x 75/43	2	020330004200
4,5 x 80/47	2	020330004500
5,0 x 86/52	3	020330005000
5,5 x 93/57	3	020330005500
6,0 x 93/57	3	020330006000
6,5 x 101/63	3	020330006500
7,0 x 109/69	4	020330007000
7,5 x 109/69	4	020330007500
8,0 x 117/75	5	020330008000
8,5 x 117/75	5	020330008500
9,0 x 125/81	5	020330009000
9,5 x 125/81	5	020330009500
10,0 x 133/87	6	020330010000
10,5 x 133/87	6	020330010500
11,0 x 142/94	6	020330011000
11,5 x 142/94	6	020330011500
12,0 x 151/101	8	020330012000
12,5 x 151/101	8	020330012500
13,0 x 151/101	8	020330013000

Packing unit: D 1,0-10,0 mm: 10 pcs / X-Pack
D 10,5-13,0 mm: 5 pcs / X-Pack

Sets

content	article number
6 pcs set D 2 3 4 5 6 8 mm	020319100616
19 pcs set D 1,0 - 10,0 mm x 0,5	020330000019
25 pcs set D 1,0 - 13,0 mm x 0,5	020330000025



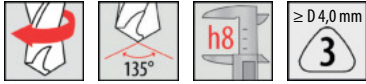
HSS METAL DRILL BITS

HSS-GS ground metal twist drill DIN 338 **MULTI SPEED**

High-quality ground metal drill with unique spiral geometry (S type) and reinforced cutting edge. Specially ground design, 135° Split point drill tip for precise starting and fast, easy drilling.

- From D 4 mm, with a triangular ground shank, providing excellent clamping in the drill chuck.
- Above D 10 mm, with a reduced shank.

Suitable for steel, cast steel, copper, brass and aluminium



Sets

content	article number
6 pcs set D 2,0 - 8,0 mm	020314100616
19 pcs set D 1,0 - 10,0 mm x 0,5	020300191086



size D x L1/L2 (mm)	article number
2,0 x 49/24	020300010206
2,5 x 57/30	020300010256
3,0 x 61/33	020300010306
3,2 x 65/36	020300010326
3,5 x 70/39	020300010356
4,0 x 75/43	020300010406
4,1 x 75/43	020300010416
4,2 x 75/43	020300010426
4,5 x 80/47	020300010456
4,8 x 86/52	020300010486
5,0 x 86/52	020300010506
5,2 x 86/52	020300010526
5,5 x 93/57	020300010556
6,0 x 93/57	020300010606
6,5 x 101/63	020300010656
7,0 x 109/69	020300010706
7,5 x 109/69	020300010756
8,0 x 117/75	020300010806
8,5 x 117/75	020300010856
9,0 x 125/81	020300010906
9,5 x 125/81	020300010956
10,0 x 133/87	020300011006
10,5 x 133/87	020300011056
11,0 x 142/94	020300011106
12,0 x 151/101	020300011206
13,0 x 151/101	020300011306

Packing unit: D 2,0-10,0 mm: 10 pcs / X-Pack
D 10,5-13,0 mm: 5 pcs / X-Pack

HSS-Co weld spot drill bit DIN 1897

HSS-Co 5% straight shank weld spot drill bit DIN 1897, with special center point DIN 1412C.

Suitable for steel and plastic sheets



size D (mm)	article number
6,0	020348006000
8,0	020348008000
10,0	020348010000

Packing unit: 1 pc / EV-Pack

NEW HSS-G TCT metal twist drill bit DIN 338

Cylindrical-shank metal twist drill bit manufactured according to DIN 338, made from high-performance high-speed steel with a carbide insert. Ground cutting edges, silver finish.

Suitable for steel, cast steel (up to 900 N/mm² tensile strength), grey cast iron, aluminium castings, hard alloys, and glass-fiber-reinforced plastics.



size D x L1/L2 (mm)	article number
3,0	020300007001
3,5	020300007002
4,0	020300007003
4,5	020300007004
5,0	020300007005
5,5	020300007006
6,0	020300007007
6,5	020300007008
7,0	020300007009
8,0	020300007010
8,5	020300007011
9,0	020300007012
10,0	020300007013
11,0	020300007014
12,0	020300007015

Packing unit: D 3,0-4,0 mm: 2 pcs / EV-Pack
D 4,5-12,0 mm: 1 pc / EV-Pack

HSS METAL DRILL BITS

size D x L1/L2 (mm)	HSS-R article number 	HSS-GS article number 	HSS-Co article number 	HSS-Co cobalt <i>multi</i> article number 
0,3 x 19/2,5	020300010030			
0,4 x 20/5	020300010040			
0,5 x 22/6	020300010050			
0,6 x 24/7	020300010060			
0,7 x 29/9	020300010070			
0,8 x 30/10	020300010080			
0,9 x 32/11	020300010090			
1,0 x 34/12	020300010100	020300010101	020300010102	
1,1 x 36/14	020300010110	020300010111	020300010112	
1,2 x 38/16	020300010120	020300010121	020300010122	
1,3 x 38/16	020300010130	020300010131	020300010132	
1,4 x 40/18	020300010140	020300010141	020300010142	
1,5 x 40/18	020300010150	020300010151	020300010152	
1,6 x 43/20	020300010160	020300010161	020300010162	
1,7 x 43/20	020300010170	020300010171	020300010172	
1,8 x 46/22	020300010180	020300010181	020300010182	
1,9 x 46/22	020300010190	020300010191	020300010192	
2,0 x 49/24	020300010200	020300010201	020300010202	020300010205
2,1 x 49/24	020300010210	020300010211	020300010212	
2,2 x 53/27	020300010220	020300010221	020300010222	
2,3 x 53/27	020300010230	020300010231	020300010232	
2,4 x 57/30	020300010240	020300010241	020300010242	
2,5 x 57/30	020300010250	020300010251	020300010252	020300010255
2,6 x 57/30	020300010260	020300010261	020300010262	
2,7 x 61/33	020300010270	020300010271	020300010272	
2,8 x 61/33	020300010280	020300010281	020300010282	
2,9 x 61/33	020300010290	020300010291	020300010292	
3,0 x 61/33	020300010300	020300010301	020300010302	020300010305
3,1 x 65/36	020300010310	020300010311	020300010312	
3,2 x 65/36	020300010320	020300010321	020300010322	020300010325
3,3 x 65/36	020300010330	020300010331	020300010332	
3,4 x 70/39	020300010340	020300010341	020300010342	
3,5 x 70/39	020300010350	020300010351	020300010352	020300010355
3,6 x 70/39	020300010360	020300010361	020300010362	
3,7 x 70/39	020300010370	020300010371	020300010372	
3,8 x 75/43	020300010380	020300010381	020300010382	
3,9 x 75/43	020300010390	020300010391	020300010392	
4,0 x 75/43	020300010400	020300010401	020300010402	020300010405
4,1 x 75/43	020300010410	020300010411	020300010412	
4,2 x 75/43	020300010420	020300010421	020300010422	020300010425
4,3 x 80/47	020300010430	020300010431	020300010432	
4,4 x 80/47	020300010440	020300010441	020300010442	
4,5 x 80/47	020300010450	020300010451	020300010452	020300010455
4,6 x 80/47	020300010460	020300010461	020300010462	
4,7 x 80/47	020300010470	020300010471	020300010472	
4,8 x 86/52	020300010480	020300010481	020300010482	
4,9 x 86/52	020300010490	020300010491	020300010492	
5,0 x 86/52	020300010500	020300010501	020300010502	020300010505

HSS METAL DRILL BITS

size D x L1/L2 (mm)	HSS-R article number 	HSS-GS article number 	HSS-Co article number 	HSS-Co cobalt <i>multi</i> article number 
5,1 x 86/52	020300010510	020300010511	020300010512	
5,2 x 86/52	020300010520	020300010521	020300010522	
5,3 x 86/52	020300010530	020300010531	020300010532	
5,4 x 93/57	020300010540	020300010541	020300010542	
5,5 x 93/57	020300010550	020300010551	020300010552	020300010555
5,6 x 93/57	020300010560	020300010561	020300010562	
5,7 x 93/57	020300010570	020300010571	020300010572	
5,8 x 93/57	020300010580	020300010581	020300010582	
5,9 x 93/57	020300010590	020300010591	020300010592	
6,0 x 93/57	020300010600	020300010601	020300010602	020300010605
6,1 x 101/63	020300010610	020300010611	020300010612	
6,2 x 101/63	020300010620	020300010621	020300010622	
6,3 x 101/63	020300010630	020300010631	020300010632	
6,4 x 101/63	020300010640	020300010641	020300010642	
6,5 x 101/63	020300010650	020300010651	020300010652	020300010655
6,6 x 101/63	020300010660	020300010661	020300010662	
6,7 x 101/63	020300010670	020300010671	020300010672	
6,8 x 109/69	020300010680	020300010681	020300010682	
6,9 x 109/69	020300010690	020300010691	020300010692	
7,0 x 109/69	020300010700	020300010701	020300010702	020300010705
7,1 x 109/69	020300010710	020300010711	020300010712	
7,2 x 109/69	020300010720	020300010721	020300010722	
7,3 x 109/69	020300010730	020300010731	020300010732	
7,4 x 109/69	020300010740	020300010741	020300010742	
7,5 x 109/69	020300010750	020300010751	020300010752	020300010755
7,6 x 117/75	020300010760	020300010761	020300010762	
7,7 x 117/75	020300010770	020300010771	020300010772	
7,8 x 117/75	020300010780	020300010781	020300010782	
7,9 x 117/75	020300010790	020300010791	020300010792	
8,0 x 117/75	020300010800	020300010801	020300010802	020300010805
8,1 x 117/75	020300010810	020300010811	020300010812	
8,2 x 117/75	020300010820	020300010821	020300010822	
8,3 x 117/75	020300010830	020300010831	020300010832	
8,4 x 117/75	020300010840	020300010841	020300010842	
8,5 x 117/75	020300010850	020300010851	020300010852	020300010855
8,6 x 125/81	020300010860	020300010861	020300010862	
8,7 x 125/81	020300010870	020300010871	020300010872	
8,8 x 125/81	020300010880	020300010881	020300010882	
8,9 x 125/81	020300010890	020300010891	020300010892	
9,0 x 125/81	020300010900	020300010901	020300010902	020300010905
9,1 x 125/81	020300010910	020300010911	020300010912	
9,2 x 125/81	020300010920	020300010921	020300010922	
9,3 x 125/81	020300010930	020300010931	020300010932	
9,4 x 125/81	020300010940	020300010941	020300010942	
9,5 x 125/81	020300010950	020300010951	020300010952	
9,6 x 133/87	020300010960	020300010961	020300010962	
9,7 x 133/87	020300010970	020300010971	020300010972	
9,8 x 133/87	020300010980	020300010981	020300010982	

HSS METAL DRILL BITS

size D x L1/L2 (mm)	HSS-R article number	HSS-GS article number	HSS-G article number	HSS-Co article number	HSS-Co Cobalt <i>multi</i> article number
9,9 x 133/87	020300010990	020300010991		020300010992	
10,0 x 133/87	020300011000	020300011001		020300011002	020300011005
10,2 x 133/87	020300011020	020300011021		020300011022	
10,5 x 133/87	020300011050	020300011051		020300011052	
11,0 x 142/94	020300011100	020300011101		020300011102	020300011105
11,5 x 142/94	020300011150	020300011151		020300011152	
12,0 x 151/101	020300011200	020300011201		020300011202	020300011205
12,5 x 151/101	020300011250	020300011251		020300011252	
13,0 x 151/101	020300011300	020300011301		020300011302	020300011305
13,5 x 160/108			020300011350	020300011352	
14,0 x 160/108			020300011400	020300011402	
14,5 x 169/114			020300011450	020300011452	
15,0 x 169/114			020300011500	020300011502	
15,5 x 178/120			020300011550	020300011552	
16,0 x 178/120			020300011600	020300011602	
16,5 x 184/125			020300011650		
17,0 x 184/125			020300011700	020300011702	
17,5 x 191/130			020300011750		
18,0 x 191/130			020300011800	020300011802	
18,5 x 198/135			020300011850		
19,0 x 198/135			020300011900	020300011902	
19,5 x 205/140			020300011950		
20,0 x 205/140			020300012000	020300012002	

Packing unit: HSS-R 10 pcs / X-Pack: D 0,3 – 10,0 mm
HSS-GS 5 pcs / X-Pack: D 10,2 – 13,0 mm
HSS-Co 1 pc / X-Pack: > D 13,5 mm

HSS-Co Cobalt *multi* 10 pcs / X-Pack: D 1,0 – 10,0 mm
5 pcs / X-Pack: D 11,0 – 13,0 mm

HSS-G DIN 338 twist drill bit with reduced shank for hand drills D 10 / 12,7 mm



size D (mm)	L1/L2 (mm)	HSS-G article number
11,0 x 10,0	142/94	020300011104
12,0 x 10,0	151/101	020300011204
13,0 x 10,0	151/101	020300011304
13,5 x 12,7	160/108	020300011354
14,0 x 12,7	160/108	020300011401
14,5 x 12,7	169/114	020300011451
15,0 x 12,7	169/114	020300011501
15,5 x 12,7	178/120	020300011551
16,0 x 12,7	178/120	020300011601
16,5 x 12,7	184/125	020300011651
17,0 x 12,7	184/125	020300011701
17,5 x 12,7	191/130	020300011751
18,0 x 12,7	191/130	020300011801
18,5 x 12,7	198/135	020300011851
19,0 x 12,7	198/136	020300011901
19,5 x 12,7	205/140	020300011951
20,0 x 12,7	205/140	020300012001

Packing unit: 1 pc / EV-Pack

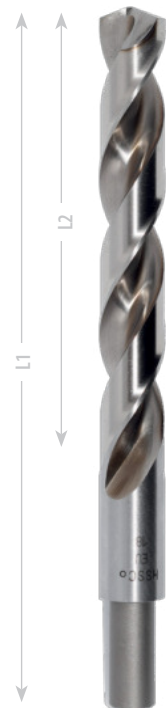


HSS-Co Cobalt *multi* DIN 338 twist drill bit with reduced shank for hand drills D 12,7 mm



size D (mm)	L1/L2 (mm)	HSS-Co multi article number
13,5 x 12,7	160/108	020300011356
14,0 x 12,7	160/108	020300011406
14,5 x 12,7	169/114	020300011456
15,0 x 12,7	169/114	020300011506
15,5 x 12,7	178/120	020300011556
16,0 x 12,7	178/120	020300011606
17,0 x 12,7	184/125	020300011706
18,0 x 12,7	191/130	020300011806
19,0 x 12,7	198/135	020300011906
20,0 x 12,7	205/140	020300012006

Packing unit: 1 pc / EV-Pack



HSS METAL DRILL BITS

HSS twist drill bits in EV-Pack packaging

According to DIN 338 standard | SHORT

size D x L1/L2 (mm)	EV-Pack (pcs)	HSS-R article number	HSS-GS article number	HSS-Co article number	HSS-GS MULTI SPEED article number
1,0 x 34/12	2	020340001000	020341001000	020341901000	
1,5 x 40/18	2	020340001500	020341001500	020341901500	
2,0 x 49/24	2	020340002000	020341002000	020341902000	020340002006
2,5 x 57/30	2	020340002500	020341002500	020341902500	020340002506
3,0 x 61/33	2	020340003000	020341003000	020341903000	020340003006
3,2 x 65/36	2	020340003200	020341003200	020341903200	020340003206
3,5 x 70/39	2	020340003500	020341003500	020341903500	020340003506
4,0 x 75/43	2	020340004000	020341004000	020341904000	020340004006
4,2 x 75/43	1	020340004200	020341004200	020341904200	020340004206
4,5 x 80/47	1	020340004500	020341004500	020341904500	020340004506
5,0 x 86/52	1	020340005000	020341005000	020341905000	020340005006
5,5 x 93/57	1	020340005500	020341005500	020341905500	020340005506
6,0 x 93/57	1	020340006000	020341006000	020341906000	020340006006
6,5 x 101/63	1	020340006500	020341006500	020341906500	020340006506
7,0 x 109/69	1	020340007000	020341007000	020341907000	020340007006
7,5 x 109/69	1	020340007500	020341007500	020341907500	020340007506
8,0 x 117/75	1	020340008000	020341008000	020341908000	020340008006
8,5 x 117/75	1	020340008500	020341008500	020341908500	020340008506
9,0 x 125/81	1	020340009000	020341009000	020341909000	020340009006
9,5 x 125/81	1	020340009500	020341009500		020340009506
10,0 x 133/87	1	020340010000	020341010000	020341910000	020340010006
10,5 x 133/87	1	020340010500	020341010500		020340010506
11,0 x 142/94	1	020340011000	020341011000	020341911000	020340011006
11,5 x 142/94	1	020340011500	020341011500		
12,0 x 151/101	1	020340012000	020341012000	020341912000	020340012006
12,5 x 151/101	1	020340012500	020341012500		
13,0 x 151/101	1	020340013000	020341013000	020341913000	020340013006

According to DIN 340 standard | LONG

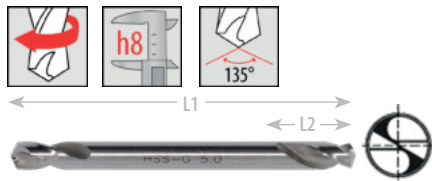
size D x L1/L2 (mm)	EV-Pack (pcs)	HSS-GS article number
2,0 x 85/56	2	020344102000
2,5 x 95/62	2	020344102500
3,0 x 100/66	2	020344103000
3,2 x 106/69	2	020344103200
3,5 x 112/73	2	020344103500
4,0 x 132/87	2	020344104000
4,2 x 119/78	1	020344104200
4,5 x 126/82	1	020344104500
5,0 x 132/87	1	020344105000
5,5 x 139/91	1	020344105500
6,0 x 139/91	1	020344106000
6,5 x 148/97	1	020344106500
7,0 x 156/102	1	020344107000
7,5 x 156/102	1	020344107500
8,0 x 165/109	1	020344108000
8,5 x 165/109	1	020344108500
9,0 x 175/115	1	020344109000
10,0 x 175/115	1	020344110000
11,0 x 195/128	1	020344111000
12,0 x 205/134	1	020344112000
13,0 x 205/134	1	020344113000



HSS-GS double-ended drill bit

Special extra short double-ended drill bit
Made from high-performance HSS high-speed steel, ground finish. Right-hand, 135° Split point drill tip, silver color.

Suitable for drilling thin sheets of steel, copper, brass, zinc, aluminum and plastics.



size D x L1/L2 (mm)	article number
2,5 x 43/10	020340302500
3,0 x 46/12	020340303000
3,1 x 49/12	020340303100
3,2 x 49/12	020340303200
3,3 x 49/12	020340303300
3,5 x 52/12	020340303500
4,0 x 55/12	020340304000

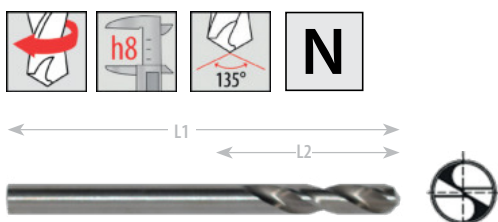
Packing unit: 10 pcs / X-Pack

size D x L1/L2 (mm)	article number
4,1 x 55/12	020340304100
4,2 x 55/12	020340304200
4,5 x 58/12	020340304500
4,9 x 62/14	020340304900
5,0 x 62/14	020340305000
5,1 x 62/14	020340305100

HSS-GS extra short cylindrical shank twist drill

Extra short spiral drill, right-hand, made of high-performance HSS high-speed steel. Ground finish, N type, 135° Split point drill tip, diameter tolerance h8, according to DIN 1897 standard, silver-colored.

Suitable for drilling alloyed and non-alloyed steel (up to 900 N/mm² tensile strength), steel castings.



size D x L1/L2 (mm)	article number	size D x L1/L2 (mm)	article number
2,0 x 38/12	020349802000	4,2 x 55/22	020349804200
2,5 x 43/14	020349802500	4,5 x 58/24	020349804500
3,0 x 46/16	020349803000	4,9 x 58/24	020349804900
3,2 x 49/18	020349803200	5,0 x 62/26	020349805000
3,3 x 49/18	020349803300	5,1 x 62/26	020349805100
3,5 x 52/20	020349803500	6,0 x 66/28	020349806000
4,0 x 55/22	020349804000	8,0 x 79/37	020349808000
4,1 x 55/22	020349804100		

Packing unit: D 2,0 mm - 6,0 mm: 10 pcs / X-Pack
D 6,5 mm - 8,0 mm: 10 pcs / X-Pack

HSS METAL DRILL BIT SETS

content	HSS-R article number	HSS-GS article number	HSS-GS MULTI SPEED article number	HSS-GSTiN article number	HSS-Co article number	HSS-G VULCANO article number
① 6 pcs in plastic case (D 2,0 - 8,0 mm)	020314000610	020314100610	020314100616	020314200610	020314190610	
② 13 pcs in plastic case (D 1,5 - 6,5 mm x 0,5)	020314001340	020314001341			020314001342	
③ 19 pcs in plastic case (D 1,0 - 10,0 mm x 0,5)	020300191085	020300141019	020300191086	020300142019	020300141919	020330000019
④ 25 pcs in plastic case (D 1,0 - 13,0 mm x 0,5)	020300251085	020300141025			020300141925	020330000025
⑤ 50 pcs in plastic case (D 1,0 - 5,9 mm x 0,1)	020300501085	020314105010			020314195010	
⑥ 41 pcs in plastic case (D 6,0 - 10,0 mm x 0,1)	020300140041	020314104110			020314194110	
⑦ 170 pcs in plastic case (D 1,0 - 8,0 mm x 0,5 → 10 pcs D 8,5 - 10,0 mm x 0,5 → 5 pcs)	020314015000	020314017001			020314017087	



①.



②.



③.



④.



⑤.



⑥.



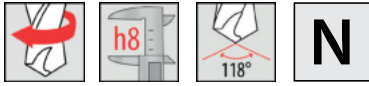
⑦.

HSS METAL DRILL BITS

HSS morse taper bit DIN 345

Right-hand twist drill bit made from high-performance HSS steel, N type, with a 118° point angle and diameter tolerance h8, according to DIN 345 standard.

Suitable for drilling alloyed and unalloyed steel (up to 900 N/mm² tensile strength) and gray cast iron.



size D x L1/L2 (mm)	article number	size D x L1/L2 (mm)	article number	size D x L1/L2 (mm)	article number
MK 1		19,5 x 238/140	020344519500	MK 4	
8,0 x 156/75	020344508000	20,0 x 238/140	020344520000	32,0 x 334/185	020344532000
8,5 x 156/75	020344508500	20,5 x 243/145	020344520500	33,0 x 334/185	020344533000
9,0 x 162/81	020344509000	21,0 x 243/145	020344521000	34,0 x 339/190	020344534000
9,5 x 162/81	020344509500	21,5 x 248/150	020344521500	35,0 x 339/190	020344535000
10,0 x 168/87	020344510000	22,0 x 248/150	020344522000	36,0 x 344/195	020344536000
10,5 x 168/87	020344510500	22,5 x 253/155	020344522500	37,0 x 344/195	020344537000
11,0 x 175/94	020344511000	23,0 x 253/155	020344523000	38,0 x 349/200	020344538000
11,5 x 175/94	020344511500	MK 3		39,0 x 349/200	020344539000
12,0 x 182/101	020344512000	23,5 x 276/155	020344523500	40,0 x 349/200	020344540000
12,5 x 182/101	020344512500	24,0 x 281/160	020344524000	41,0 x 354/205	020344541000
13,0 x 182/101	020344513000	24,5 x 281/160	020344524500	42,0 x 354/205	020344542000
13,5 x 189/108	020344513500	25,0 x 281/160	020344525000	43,0 x 359/210	020344543000
14,0 x 189/108	020344514000	25,5 x 286/165	020344525500	44,0 x 359/210	020344544000
MK 2		26,0 x 286/165	020344526000	45,0 x 359/210	020344545000
14,5 x 212/114	020344514500	26,5 x 286/165	020344526500	46,0 x 364/215	020344546000
15,0 x 212/114	020344515000	27,0 x 291/170	020344527000	47,0 x 364/215	020344547000
15,5 x 218/120	020344515500	27,5 x 291/170	020344527500	48,0 x 369/220	020344548000
16,0 x 218/120	020344516000	28,0 x 291/170	020344528000	49,0 x 369/220	020344549000
16,5 x 223/125	020344516500	28,5 x 296/175	020344528500	50,0 x 369/220	020344550000
17,0 x 223/125	020344517000	29,0 x 296/175	020344529000	Packing unit: 1 pc / plastic tube	
17,5 x 228/130	020344517500	29,5 x 296/175	020344529500		
18,0 x 228/130	020344518000	30,0 x 296/175	020344530000		
18,5 x 233/135	020344518500	31,0 x 301/180	020344531000		
19,0 x 233/135	020344519000				

Hollow section twist drill

Right-hand twist drill made of high-performance HSS high-speed steel, N type, ground finish, oil-treated surface for corrosion protection.

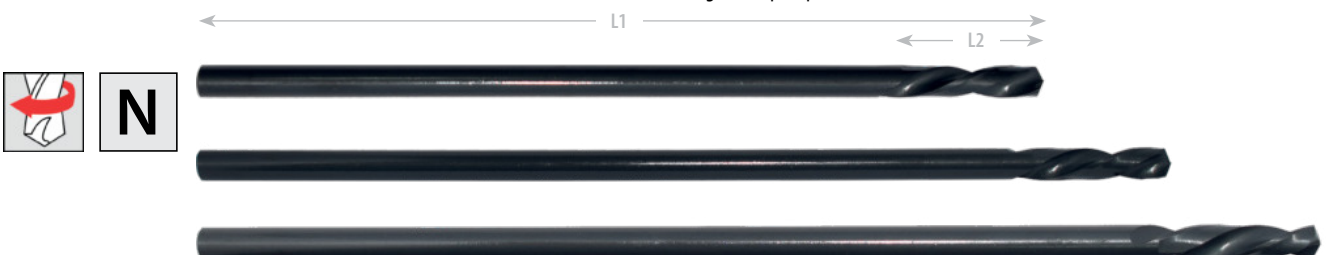
Hollow section drill (roofing drill). Thanks to its short spiral shape, the drill is particularly **suitable for** machining hollow profiles. The pointed cross-edge ensures optimal centering and extends the tool's lifespan.

Suitable for roofing professionals, tinsmiths, facade builders and window fitters. Primarily for thin metal sheets (e.g., Lindab).

Suitable for alloyed and non-alloyed steel (up to 900 N/mm² tensile strength).

size D (mm)	article number L1/L2 (mm) 150/30	article number L1/L2 (mm) 180/30	article number L1/L2 (mm) 210/30
5,1			020343205102
5,2			020343205202
5,3			020343205302
5,7	020343205700	020343205701	020343205702
5,8	020343205800	020343205801	020343205802

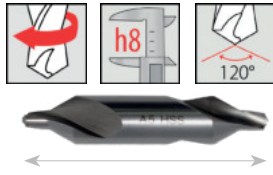
Packing unit: 5 pcs / plastic tube



HSS METAL DRILL BITS

HSS-G center drill bit DIN 333, shape A

HSS high-speed steel, according to DIN 333 standard.
"A" type, 120° drill point at both ends. Silver-colored.



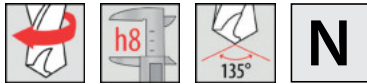
size D (mm)	length (mm)	article number
2,0	40	020340402000
2,5	45	020340402500
3,15	50	020340403150
4,0	56	020340404000
5,0	63	020340405000
6,3	71	020340406000

Packing unit : 1 pc / X-Pack

HSS-GS long cylindrical shank metal twist drill DIN 340

Right-hand spiral drill made of high-performance HSS steel.
Ground, type N, 135° Split point drill tip, according to DIN 340 standard, silver-colored.

Suitable for machining alloyed and unalloyed steel (up to 900 N/mm² tensile strength), gray cast iron, sintered iron, graphite and new silver.



size D x L1/L2 (mm)	article number	size D x L1/L2 (mm)	article number
2,0 x 85/56	020344002000	6,2 x 148/97	020344006200
2,5 x 95/62	020344002500	6,5 x 148/97	020344006500
3,0 x 100/66	020344003000	7,0 x 156/102	020344007000
3,2 x 106/69	020344003200	7,5 x 156/102	020344007500
3,3 x 112/73	020344003300	8,0 x 165/109	020344008000
3,5 x 112/73	020344003500	8,5 x 165/109	020344008500
3,8 x 119/78	020344003800	9,0 x 175/115	020344009000
4,0 x 119/78	020344004000	9,5 x 175/115	020344009500
4,1 x 119/78	020344004100	10,0 x 184/121	020344010000
4,2 x 119/78	020344004200	10,5 x 184/121	020344010500
4,5 x 126/82	020344004500	11,0 x 195/128	020344011000
4,8 x 132/87	020344004800	11,5 x 195/128	020344011500
5,0 x 132/87	020344005000	12,0 x 205/134	020344012000
5,2 x 132/87	020344005200	12,5 x 205/134	020344012500
5,5 x 139/91	020344005500	13,0 x 205/134	020344013000
6,0 x 139/91	020344006000		

Packing unit: D 2,0 mm - 10,0 mm: 10 pcs / X-Pack
> D 10,5 mm: 5 pcs / X-Pack

HSS-GS extra long cylindrical shank metal twist drill bit DIN 1869

Extra length shank, right-hand spiral drill bit made from high-performance HSS steel. Ground, N-type, 135° Split point drill tip, diameter tolerance h8, according to DIN 1869 standard, silver-colored.

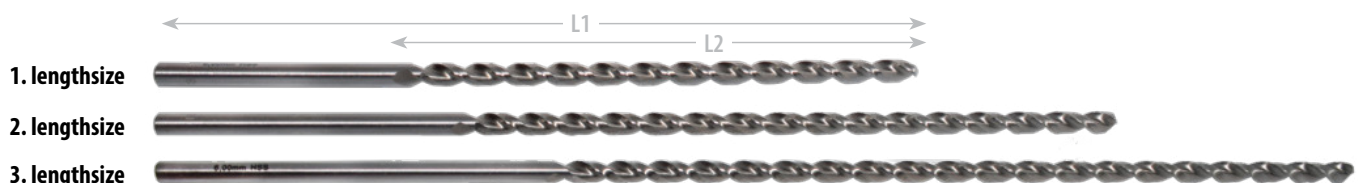
Suitable for machining alloyed and unalloyed steel (up to 900 N/mm² tensile strength), grey cast iron, temper cast iron, sintered iron, graphite and new silver.



1. lengthsize		2. lengthsize		3. lengthsize	
D x L1/L2 (mm)	article number	D x L1/L2 (mm)	article number	D x L1/L2 (mm)	article number
3,0 x 150/100	020346803000	3,0 x 190/130	020346903000		
3,2 x 155/105	020346803200	3,2 x 200/135	020346903200		
3,5 x 165/115	020346803500	3,5 x 210/145	020346903500	3,5 x 265/180	020347003500
4,0 x 175/120	020346804000	4,0 x 220/150	020346904000	4,0 x 280/190	020347004000
4,5 x 185/125	020346804500	4,2 x 220/150	020346904200		
		4,5 x 235/160	020346904500	4,5 x 295/200	020347004500
5,0 x 195/135	020346805000	5,0 x 245/170	020346905000	5,0 x 315/210	020347005000
5,5 x 205/140	020346805500	5,5 x 260/180	020346905500	5,5 x 330/225	020347005500
6,0 x 205/140	020346806000	6,0 x 260/180	020346906000	6,0 x 330/225	020347006000
6,5 x 215/150	020346806500	6,5 x 275/190	020346906500	6,5 x 350/235	020347006500
		7,0 x 290/200	020346907000	7,0 x 370/250	020347007000
8,0 x 240/165	020346808000	8,0 x 305/210	020346908000	8,0 x 390/265	020347008000
10,0 x 265/185	020346810000	10,0 x 340/235	020346910000	10,0 x 430/295	020347010000

Packing unit: 1 pc / plastic tube

available in 3 length options



HSS METAL DRILL BITS

CT INOX tungsten carbide hole saw

Manufactured from heavy-duty High Speed Steel.

When employing pillar drills, use manual advance only.

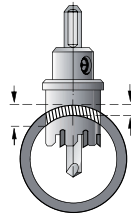
Suitable for high chrome alloyed steels, (V2A and V4A < to 2,0 mm), steel and cast steel, non-ferrous and lightweight metals, plastics, reinforced fabrics, plasterboard and lightweight boards, wood processing up to max. 4,0 mm.

Delivered with pilot drill and ejector spring.

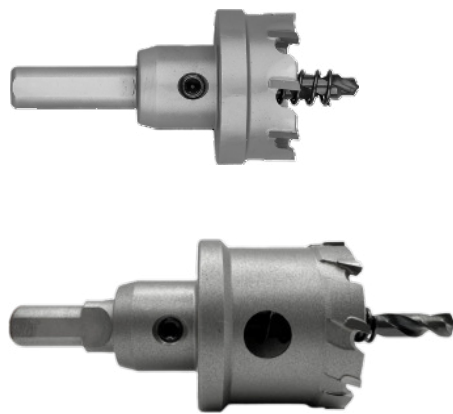
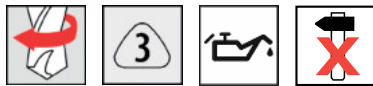
For use at low speeds only.

Not for use in hammer drill mode.

Use of lubricant/coolant recommended.



also suitable
for pipe drilling



size D (mm)	article number cutting depth: 10,0 	size D (mm)	article number cutting depth: 25,0 
16,0	070833016000	16,0	070832016000
18,0	070833018000	18,0	070832018000
20,0	070833020000	20,0	070832020000
22,0	070833022000	22,0	070832022000
25,0	070833025000	25,0	070832025000
28,0	070833028000	28,0	070832028000
30,0	070833030000	30,0	070832030000
32,0	070833032000	32,0	070832032000
35,0	070833035000	35,0	070832035000
40,0	070833040000	40,0	070832040000
45,0	070833045000	45,0	070832045000
50,0	070833050000	50,0	070832050000
55,0	070833055000	55,0	070832055000
60,0	070833060000	60,0	070832060000
65,0	070833065000	65,0	070832065000
70,0	070833070000	70,0	070832070000
80,0	070833080000	80,0	070832080000
90,0	070833090000	90,0	070832090000
100,0	070833100000	100,0	070832100000

Packing unit: 1 pc / X-Pack

Pilot drill for CT INOX hole saw

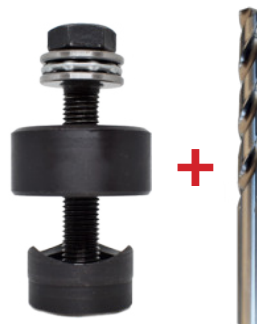


size D (mm)	article number
6 x 48	070833000000
6 x 76	070832000000

Packing unit: 1 pc / X-Pack

Screw hole punch with ball bearing

Suitable for precise and easy cutting of faucet holes, as well as punching holes in steel sheets, stainless materials, such as inox sinks.



1 packing unit contains;
screw hole punch + HSS-GS D 12,0 mm drill

size D (mm)	article number
32,0	070860003200
35,0	070860003500

Packing unit: 1 pc / X-Pack



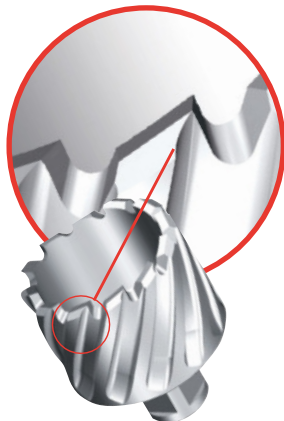
HSS METAL DRILL BITS

HSS-G core drill bit with Weldon shank

HSS-G core drill bit with **Weldon** (3/4") shank for use with magnetic stand and pillar drilling machine. Made from high-performance HSS steel, its optimized cutting edge geometry enables higher drilling efficiency and faster chip removal. Provides quick, precise drilling without the need for marking or pre-drilling. (As the core drill bit only cuts at the edge, unlike twist drill bits that remove material across the full diameter, it offers significantly faster drilling performance with less tool wear.)

Suitable for drilling iron, steel, cast steel, non-ferrous and light metals.

cutting depth: 30,0 mm
50,0 mm
110,0 mm



size D (mm)	article number cutting depth: 30,0 mm 	article number cutting depth: 50,0 mm 	article number cutting depth: 110,0 mm 
12,0	020344412000		
13,0	020344413000		
14,0	020344414000	020344314000	
15,0	020344415000	020344315000	
16,0	020344416000	020344316000	
17,0	020344417000	020344317000	
18,0	020344418000	020344318000	020344218000
19,0	020344419000	020344319000	020344219000
20,0	020344420000	020344320000	020344220000
21,0	020344421000	020344321000	020344221000
22,0	020344422000	020344322000	020344222000
23,0	020344423000	020344323000	020344223000
24,0	020344424000	020344324000	020344224000
25,0	020344425000	020344325000	020344225000
26,0	020344426000	020344326000	020344226000
27,0	020344427000	020344327000	020344227000
28,0	020344428000	020344328000	020344228000
29,0	020344429000	020344329000	020344229000
30,0	020344430000	020344330000	020344230000
31,0	020344431000	020344331000	020344231000
32,0	020344432000	020344332000	020344232000
33,0	020344433000	020344333000	020344233000
34,0	020344434000	020344334000	020344234000
35,0	020344435000	020344335000	020344235000
36,0	020344436000	020344336000	020344236000
37,0	020344437000	020344337000	020344237000
38,0	020344438000	020344338000	020344238000
39,0	020344439000	020344339000	020344239000
40,0	020344440000	020344340000	020344240000
41,0	020344441000	020344341000	
42,0	020344442000	020344342000	
43,0	020344443000	020344343000	
44,0	020344444000	020344344000	
45,0	020344445000	020344345000	020344245000
46,0	020344446000	020344346000	
47,0	020344447000	020344347000	
48,0	020344448000	020344348000	
49,0	020344449000	020344349000	
50,0	020344450000	020344350000	020344250000
51,0	020344451000	020344351000	
52,0	020344452000	020344352000	
53,0	020344453000	020344353000	
54,0	020344454000	020344354000	
55,0	020344455000	020344355000	020344255000
56,0	020344456000	020344356000	
57,0	020344457000	020344357000	
58,0	020344458000	020344358000	
59,0	020344459000	020344359000	
60,0	020344460000	020344360000	020344260000

HSS METAL DRILL BITS

NEW HSS-XE core drill bit with Weldon shank

Premium-quality annular cutter made of special alloy steel, precision-ground design with **GOLD-TECH** surface treatment. Specially heat-treated, high-hardness cutting edges (68 HRC) ensure excellent chip evacuation.

Suitable for drilling alloyed and non-alloyed steel up to 900 N/mm², plastics, copper, aluminium, and stainless / acid-resistant steel.

cutting depth: 30,0 mm
50,0 mm



size D (mm)	article number cutting depth: 30,0 mm 	article number cutting depth: 50,0 mm 
12,0	020344712000	
13,0	020344713000	
14,0	020344714000	020344814000
15,0	020344715000	020344815000
16,0	020344716000	020344816000
17,0	020344717000	020344817000
18,0	020344718000	020344818000
19,0	020344719000	020344819000
20,0	020344720000	020344820000
21,0	020344721000	020344821000
22,0	020344722000	020344822000
23,0	020344723000	020344823000
24,0	020344724000	020344824000
25,0	020344725000	020344825000
26,0	020344726000	020344826000
27,0	020344727000	020344827000
28,0	020344728000	020344828000
29,0	020344729000	020344829000
30,0	020344730000	020344830000
31,0	020344731000	020344831000
32,0	020344732000	020344832000
33,0	020344733000	020344833000
34,0	020344734000	020344834000
35,0	020344735000	020344835000
36,0	020344736000	020344836000
37,0	020344737000	020344837000
38,0	020344738000	020344838000
39,0	020344739000	020344839000
40,0	020344740000	020344840000
41,0	020344741000	020344841000
42,0	020344742000	020344842000
43,0	020344743000	020344843000
44,0	020344744000	020344844000
45,0	020344745000	020344845000
46,0	020344746000	020344846000
47,0	020344747000	020344847000
48,0	020344748000	020344848000
49,0	020344749000	020344849000
50,0	020344750000	020344850000
51,0	020344751000	020344851000
52,0	020344752000	020344852000
53,0	020344753000	020344853000
54,0	020344754000	020344854000
55,0	020344755000	020344855000
56,0	020344756000	020344856000
57,0	020344757000	020344857000
58,0	020344758000	020344858000
59,0	020344759000	020344859000
60,0	020344760000	020344860000

HSS METAL DRILL BITS

Core drill bit sets

HSS core drills with Weldon (3/4") shank, in various diameters, with ejector pin.

cutting depth: 30,0 mm



NEW

NEW

article	size D (mm)	article number
7 pcs HSS core drill bit set	12,0 14,0 16,0 18,0 20,0 22,0	020344400007
6 pcs HSS core drill bit set	24,0 26,0 28,0 30,0 32,0	020344400006
7 pcs HSS-XE core drill bit set	12,0 14,0 16,0 18,0 20,0 22,0	020344700001
6 pcs HSS-XE core drill bit set	24,0 26,0 28,0 30,0 32,0	020344700002



Accessories



article	size D x length (mm)	article number
pilot pin for core drills (30 mm)	6,34 x 77	020344400001
pilot pin for core drills (50 mm)	6,34 x 106	020344300001
pilot pin for core drills (110 mm)	7,98 x 160	020344200001

Packing unit: 1 pc / EV-Pack

HSS-G rail cutter with Weldon shank

HSS twist drill bit made of high-speed steel, CBN grinding process, resharpenable cutting edges

working length: 30 mm

Suitable for drilling steel < 900 N/mm², aluminum, non-ferrous metals, plastics and castings.



size D (mm)	article number
6,0	020344900600
8,0	020344900800
10,0	020344901000
12,0	020344901200

Packing unit: 1 pc / EV-Pack

HSS-G precision countersink with Weldon shank

HSS drill bit made of high-speed steel with CBN grinding process, featuring 3 pcs 90° cutting edges. Re-sharpenable.

Suitable for drilling non-ferrous metals, alloyed and non-alloyed steels and grey cast iron.



size D (mm)	worklength (mm)	article number
25,0	10	020344902500
30,0	13	020344903500
40,0	16	020344904000
55,0	23	020344905500

Packing unit: 1 pc / EV-Pack

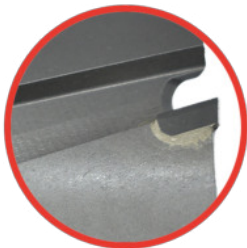
HSS METAL DRILL BITS

Carbide-tipped core drill bit with Weldon shank

For magnetic stand and pillar drilling machine with **Weldon** (3/4") shank. Made from high-performance HSS high-speed steel with carbide (HM) tips.

Suitable for drilling railway tracks, steel, cast steel, stainless steel and aluminum.

cutting depth: 50,0 mm



size D (mm)	article number cutting depth: 50,0 mm 
12,0	020344612000
13,0	020344613000
14,0	020344614000
15,0	020344615000
16,0	020344616000
17,0	020344617000
18,0	020344618000
19,0	020344619000
20,0	020344620000
21,0	020344621000
22,0	020344622000
23,0	020344623000
24,0	020344624000
25,0	020344625000
26,0	020344626000
27,0	020344627000
28,0	020344628000
29,0	020344629000
30,0	020344630000
31,0	020344631000
32,0	020344632000
33,0	020344633000
34,0	020344634000
35,0	020344635000
36,0	020344636000
37,0	020344637000
38,0	020344638000
39,0	020344639000
40,0	020344640000
45,0	020344645000
50,0	020344650000
55,0	020344655000
60,0	020344660000

Accessories



article	size D x length (mm)	article number
 pilot pin for TCT core drills (up to D 17 mm)	6,34 x 106	020344300001
 pilot pin for TCT core drills (from D 18 mm)	7,98 x 105	020344600001

Packing unit: 1 pc / EV-Pack

NEW Adapter



article	size D (mm)	article number
Adapter for core drills from Weldon shank to Fein QuickIN	6,35	020344000001

Packing unit: 1 pc / X-Pack

HSS STEP DRILL BITS

Drilling range (D min-max) categorized by type:

type	drilling range D (mm) and steps
0/5	4,0 6,0 8,0 10,0 12,0
0/9	4,0 5,0 6,0 7,0 8,0 9,0 10,0 11,0 12,0
1	4,0 6,0 8,0 10,0 12,0 14,0 16,0 18,0 20,0
2	4,0 6,0 8,0 10,0 12,0 14,0 16,0 18,0 20,0 22,0 24,0 26,0 28,0 30,0
3	6,0 9,0 13,0 16,0 19,0 21,0 23,0 26,0 29,0 32,0 35,0 38,0
4	6,0 9,0 11,4 (PG7) 14,0 (PG9) 17,25 (PG11) 19,0 (PG13,5) 21,25 (PG16) 26,75 (PG21)
5	4,0 6,0 9,0 12,0 15,0 18,0 21,0 24,0 27,0 30,0 33,0 36,0 39,0
6	6,0 9,0 11,2 (R1/8) 14,5 (R1/4) 18,2 (R3/8) 22,3 (R1/2) 27,9 (R3/4) 32,0
7	5,0 8,8 (G1/8) 11,8 (G1/4) 15,3 (G3/8) 19,0 (G1/2) 24,5 (G3/4) 28,0
8	6,0 9,0 12,5 (PG7) 15,2 (PG9) 18,6 (PG11) 20,4 (PG13,5) 22,5 (PG16) 28,3 (PG21) 30,5
9	6,0 9,0 12,5 (PG7) 15,2 (PG9) 18,6 (PG11) 20,4 (PG13,5) 22,5 (PG16) 26,0 28,3 (PG21) 30,5 34,0 37,0 (PG29)
12	6,0 9,0 12,0 16,0 20,0 22,5 25,0 28,5 32,0
13	6,0 11,0 17,0 23,0 29,0 30,0 31,0 32,0 33,0 34,0 35,0 36,0 37,0 38,0 39,0 40,0
15	6,5 8,5 10,5 12,5 16,5 20,5 25,5 29,0 32,5
16	5,3 7,0 9,0 10,5 14,5 18,5 23,5 27,0 30,5 34,5 38,5
17	6,5 8,5 10,5 12,5 16,5 20,5 25,5 29,0 32,5 36,5 40,5
18	6,5 8,5 10,5 12,7 15,2 (PG9) 16,2 / 18,6 (PG11) 20,4 (PG13,5) 22,5 (PG16) 25,5 28,3 (PG21) 32,5

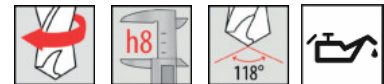


You can increase tool life
with ABRABORO drill paste (Page 30)

HSS-G drill bit

Step drill bit made of HSS high-speed steel with spiral flutes, split point according to DIN 1412C. Optimized chip-flow, also of non breaking chips, protects cutting edges and guarantees a smooth and high performance cutting process.

Suitable for most common materials, steel sheet material, metal and plastic up to 4 mm thickness. Silver-colored.



	type	size D (mm)	shank d (mm)	length (mm)	article number
	0/5	4,0 - 12,0	6,0	65	020391140413
	0/9	4,0 - 12,0	6,0	80	020391140412
	1	4,0 - 20,0	8,0	75	020391140420
	2	4,0 - 30,0	10,0	100	020391140630
	3	6,0 - 38,0	10,0	100	020391140638
NEW	4	6,0 - 26,75	10,0	75	020391140626
NEW	5	4,0 - 39,0	10,0	107	020391140439
NEW	6	6,0 - 32,0	10,0	75	020391140632
NEW	7	5,0 - 28,0	10,0	70	020391140528
NEW	8	6,0 - 30,5	10,0	80	020391140631
NEW	9	6,0 - 37,0	10,0	100	020391140637
NEW	13	6,8 - 40,5	13,0	105	020391140640

Packing unit: 1 pc / X-Pack

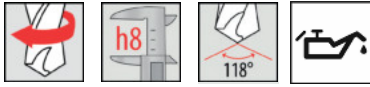
name	content (mm)	article number
HSS-G step drill bit set 3 pcs	D 4,0 - 12,0 D 4,0 - 20,0 D 4,0 - 30,0	020391140003



HSS STEP DRILL BITS

NEW HSS-G step drill bit for metric cable connectors

Ground step drill bit made of HSS high-speed steel, with special spiral flutes and fixed drilling steps in accordance with DIN 1412C.
Suitable for metric cable glands, through holes or central holes in accordance with DIN/EN 50262. For sheet thicknesses up to max. 4 mm.

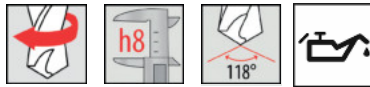


type	size D (mm)	for	shank d (mm)	length (mm)	article number
16	5,3 - 38,5	core holes*	10	96	020391140538
15	6,5 - 32,5	through holes	10	90	020391140639
17	6,5 - 40,5	through holes	10	96	020391140641

Packing unit: 1 pc / X-Pack

NEW HSS-G step drill bit for switch cabinets

Step drill bit made of HSS high-speed steel with spiral flutes, split point according to DIN 1412C. Thanks to **2,0 mm step** height ideal for switchboard producing industry and for use on thin sheets in general.

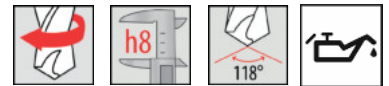


type	size D (mm)	shank d (mm)	length (mm)	article number
1	4,0 - 20,0	8,0	52	020391140421
2	4,0 - 30,0	10,0	72	020391140431

Packing unit: 1 pc / X-Pack

HSS-Co step drill bit, 5% cobalt content

Step drill bit made of HSS-Co High-Speed Steel with spiral flutes, split point according to DIN 1412C.
 Optimized chip-flow, also of non breaking chips, protects cutting edges and guarantees a smooth and high performance cutting process.
Suitable for steel sheet material, stainless steel and plastic up to 4 mm thickness. Silver-colored.



type	size D (mm)	shank d (mm)	length (mm)	article number
0/9	4,0 - 12,0	6,0	80	020391150412
1	4,0 - 20,0	8,0	75	020391150420
2	4,0 - 30,0	10,0	100	020391150430
3	6,0 - 38,0	10,0	100	020391150638
9	6,0-37,0	10,0	100	020391150637

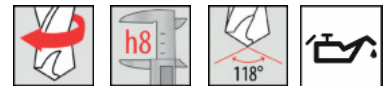
Packing unit: 1 pc / X-Pack

Attention!
 HSS-Co step drills require cooling.
 You can increase tool life with
 ABRABORO drill paste (Page 30)



HSS-TiN step drill bit

Step drill bit made of HSS-TiN High-Speed Steel with spiral flutes, split point according to DIN 1412C.
 Optimized chip-flow, also of non breaking chips, protects cutting edges and guarantees a smooth and high performance cutting process. TiN-coating for increased tool life.
Suitable for most common materials, steel sheet material, metal and plastic up to 4 mm thickness.
 Gold-finish.



type	size D (mm)	shank d (mm)	length (mm)	article number
0/9	4,0 - 12,0	6,0	80	020391160412
1	4,0 - 20,0	8,0	75	020391160420
2	4,0 - 30,0	10,0	100	020391160430
3	6,0 - 38,0	10,0	100	020391160638

Packing unit: 1 pc / X-Pack

name	content (mm)	article number
HSS TiN step drill bit set 3 pcs	D 4,0 - 12,0 D 4,0 - 20,0 D 4,0 - 30,0	020391160003



HSS STEP DRILL BITS

HSS-TiAlN step drill bit

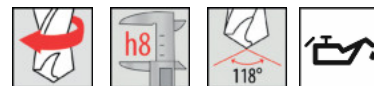
Step drill bit made of HSS High-Speed Steel with spiral flutes, split point according to DIN 1412C.

Professional quality with Titanium Aluminum Nitride (TiAlN) coating.

Fast operation, long tool life. High surface hardness.

Suitable for high-hardness steel up to 1300 N/mm², castings, non-ferrous and light metals, stainless steel and plastic up to 4 mm sheet thickness.

Glossy black color.



type	size D (mm)	shank d (mm)	length (mm)	article number
0/9	4,0 - 12,0	6,0	80	020391170412
1	4,0 - 20,0	8,0	75	020391170420
2	4,0 - 30,0	10,0	100	020391170430
3	6,0 - 38,0	10,0	100	020391170638

Packing unit: 1 pc / X-Pack

name	content (mm)	article number
HSS TiAlN step drill bit set 3 pcs	D 4,0 - 12,0 D 4,0 - 20,0 D 4,0 - 30,0	020391170003

NEW

HSS-TiAlN step drill bit with E 6,3 shank, IMPACT

Step drill bit made of HSS High-Speed Steel with spiral flutes, split point according to DIN 1412C.

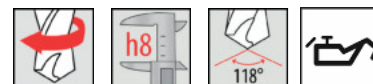
Professional quality with Titanium Aluminum Nitride (TiAlN) coating.

Fast operation, long tool life. High surface hardness.

For use in impact drivers.

Suitable for high-hardness steel up to 1300 N/mm², castings, non-ferrous and light metals, stainless steel and plastic up to 4 mm sheet thickness.

Glossy black color.



size D (mm)	length (mm)	article number
4,0 - 20,0	86	020391180420
4,0 - 30,0	115	020391180430

Packing unit: 1 pc / X-Pack

HSS-G precision conical drill bit with cylindrical shank

HSS drill bit made of high-performance HSS with CBN grinding process, according to DIN 1412C.

Smooth, step-free drilling without pre-drilling up to a maximum sheet thickness of 4 mm.

Excellent cutting performance.

Suitable for metals, steel plates and plastics.



size D (mm)	shank d (mm)	length (mm)	article number
5,0 - 20,0	8,0	71	020391000620
5,0 - 31,0	9,0	103	020391000630
16,0 - 30,5	9,0	76	020391001630
24,0 - 40,0	10,0	89	020391002640

Packing unit: 1 pc / X-Pack

HSS PRECISION COUNTERSINKS

HSS-G ground countersink

Made of high-performance HSS with CBN grinding process, according to DIN 335. 3 pcs 90° cutting edges, with cylindrical shank. Silver-colored. Excellent chip removal. **Suitable** for non-ferrous metals, alloyed and unalloyed steel and gray cast iron.

HSS-Co countersink with 5% cobalt content

Made of high-performance HSS with 5% cobalt content and CBN grinding process. 3 pcs 90° cutting edges, according to DIN 335. Silver-colored. Excellent chip removal. **Suitable** for almost all materials, especially high tensile strength materials such as stainless steel.

HSS-TiN countersink

Made of HSS with CBN grinding process and high surface hardness titanium nitride (TiN) coating. 3 pcs 90° cutting edges, according to DIN 335. Excellent chip removal. Gold-colored. **Suitable** for steel < 1100 N/mm², brass and plastics.

HSS-G ALU countersink

Made of HSS high-speed steel using CBN grinding process, with 3 pcs 90° cutting edges, according to DIN 335-C, with cylindrical shank. Robust design with extremely sharp and precise cutting edges. Blue-colored. **Suitable** for aluminum and light metals, as well as plastics. To be used at low rotational speed.



size D (mm)	shaft d (mm)	for sinking (mm)	length (mm)	HSS-G	HSS-Co	HSS-TiN	HSS-G ALU
				article number	article number	article number	article number
1,5 - 6,3	5,0	M 3	45,0	020391030063	020392030063	020393030063	
2,0 - 8,3	6,0	M 4	50,0	020391030083	020392030083	020393030083	020394030083
2,5 - 10,4	6,0	M 5	50,0	020391030104	020392030104	020393030104	020394030104
2,8 - 12,4	8,0	M 6	56,0	020391030124	020392030124	020393030124	020394030124
3,2 - 16,5	10,0	M 8	60,0	020391030165	020392030165	020393030165	020394030165
3,5 - 20,5	10,0	M 10	63,0	020391030205	020392030205	020393030205	020394030205
3,8 - 25,0	10,0	M 12	67,0	020391030250	020392030250	020393030250	
4,0 - 28,0	12,0	M 14	71,0	020391030280	020392030280	020393030280	
4,2 - 31,0	12,0	M 16	71,0	020391030310	020392030310	020393030310	

Packing unit: 1 pc / X-Pack



Sets

type	content D (mm)	HSS-G	HSS-Co	HSS-TiN
		article number	article number	article number
HSS ground countersink set 6 pcs	1,5 - 6,3 2,0 - 8,3 2,5 - 10,4 2,8 - 12,4 3,2 - 16,5 3,5 - 20,5	020391030002	020392030006	020393030006

HSS-Co precision countersink with crosshole 90°

HSS cobalt-alloyed (5%), CBN-ground countersink with straight shank. Cross hole 90°, 1-cutting edge-geometry, bright. Chatterfree operation, accurate centering, excellent chip removal, regrindable.

Suitable for steel over 900 N/mm², stainless steel.



size D (mm)	length (mm)	shaft d (mm)	article number
2,0 - 5,0	45,0	6,0	020391070001
5,0 - 10,0	48,0	8,0	020391070002
10,0 - 15,0	65,0	10,0	020391070003
15,0 - 20,0	85,0	12,0	020391070004

Packing unit: 1 pc / X-Pack



TCT ROTARY BURRS

NEW

Professional industrial quality.
Suitable for high-speed pneumatic or electric hand grinders.
Available in various shapes with a carbide (HM) cutting head.
Surface: silver finish
Shank: 6 mm

Suitable for deburring, edge breaking, casting cleaning, weld seam and surface finishing.

Packing unit: 1 pc / plastic tube

- ● highly recommended
- recommended
- ✗ not recommended

cut	double	standard	alu	diamond	inox
	 general use	 general use	 non-ferrous metal	 very hard metal	 stainless steel
aluminium	✗	✗	●	✗	✗
plastic	✗	✗	●	✗	✗
copper	●	●		✗	✗
brass	●	●		● ●	✗
cast iron	●	●		● ●	✗
bronze	●	●		● ●	✗
unhardened steel	●	●		● ●	✗
hardened steel	●	●		●	✗
stainless steel	●	●		●	● ●
nimonic	●	●		●	✗
titanium	●	●		●	✗

Shape A, cylinder without endtoothing

cut size D x L1/L2 (mm)	double article number	standard article number	alu article number	diamond article number	NEW inox article number
6,0 x 50/16	020348116010				020348119001
8,0 x 65/20	020348116011				020348119002
10,0 x 65/20	020348116012	020348112010	020348113010	020348118010	020348119003
12,0 x 70/25	020348116013	020348112011	020348113011	020348118011	020348119004
16,0 x 70/25	020348116014				



Shape B, cylinder with endtoothing

cut size D x L1/L2 (mm)	double article number	standard article number	alu article number	diamond article number
6,0 x 50/16	020348116015			
8,0 x 65/20	020348116016			
10,0 x 65/20	020348116017	020348112012	020348113012	020348118012
12,0 x 70/25	020348116018	020348112013	020348113013	020348118013
16,0 x 70/25	020348116019			



Shape C, ball nosed cylinder

cut size D x L1/L2 (mm)	double article number	standard article number	alu article number	diamond article number	NEW inox article number
6,0 x 50/18	020348116020				020348119005
8,0 x 63/18	020348116021	020348112014			020348119006
10,0 x 65/20	020348116022	020348112015	020348113014	020348118015	020348119007
12,0 x 70/25	020348116023	020348112016		020348118016	020348119008
16,0 x 70/25	020348116024				



Shape D, ball

cut size D x L1/L2 (mm)	double article number	NEW inox article number
6,0 x 50/5	020348116041	020348119009
8,0 x 52/7	020348116042	020348119010
10,0 x 54/9	020348116043	020348119011
12,0 x 55/10,8	020348116044	020348119012
16,0 x 59/14	020348116045	



Shape E, oval

cut size D x L1/L2 (mm)	double article number	NEW inox article number
6,0 x 50/10	020348116046	
8,0 x 58/13	020348116047	020348119013
10,0 x 61/16	020348116048	020348119014
12,0 x 65/20	020348116049	020348119015
16,0 x 70/25	020348116050	



TCT ROTARY BURRS

Shape F, ball nosed tree

cut size D x L1/L2 (mm)	double article number	standard article number	alu article number
6,0 x 50/16	020348116030		
8,0 x 65/20	020348116031		
10,0 x 65/20	020348116032	020348112017	020348113015
12,0 x 70/25	020348116033	020348112018	020348113016
16,0 x 70/25	020348116034		



Shape G, pointed tree

cut size D x L1/L2 (mm)	double article number	standard article number	alu article number	diamond article number	NEW inox article number
6,0 x 50/5	020348116025				020348119016
8,0 x 52/7	020348116026				020348119017
10,0 x 54/9	020348116027	020348112019	020348113017	020348118017	020348119018
12,0 x 55/10,8	020348116028	020348112020	020348113018	020348118018	020348119019
16,0 x 59/14	020348116029				



Shape H, flame

cut size D x L1/L2 (mm)	double article number	NEW inox article number
6,0 x 50/18	020348116051	
8,0 x 65/20	020348116052	020348119020
10,0 x 70/25	020348116053	020348119021
12,0 x 77/32	020348116054	020348119022
16,0 x 81/36	020348116055	



Shape L, ball nosed cone

cut size D x L1/L2 (mm)	double article number	standard article number	alu article number	NEW inox article number
6,0 x 50/16	020348116057			
8,0 x 67/22	020348116058			020348119023
10,0 x 70/25	020348116059	020348112022		020348119024
12,0 x 72/28	020348116060	020348112023	020348113019	020348119025
16,0 x 78/33	020348116061			



Shape J, countersink 60°

cut size D x L1/L2 (mm)	double article number
16,0 x 62/14,5	020348116056



Shape M, cone

cut size D x L1/L2 (mm)	double article number	standard article number	diamond article number
6,0 x 50/20	020348116035		
8,0 x 64/18	020348116036		
10,0 x 64/16	020348116037	020348112025	020348118021
12,0 x 71/22	020348116038	020348112026	020348118022
16,0 x 71/25	020348116039		



Shape N, inverted cone

cut size D x L1/L2 (mm)	double article number
12,0 x 57/13	020348116062



TCT ROTARY BURRS

NEW

TCT Rotary burrs, long, double cut

shape	size D x L1 (mm)	article number
Shape A, cylinder without endtooththing	10,0 x 170/20	020348150001
Shape A, cylinder without endtooththing	12,0x175/25	020348150002
Shape B, cylinder with endtooththing	10,0x170/20	020348150003
Shape B, cylinder with endtooththing	12,0x175/25	020348150004
Shape C, ball nosed cylinder	10,0x170/20	020348150005
Shape C, ball nosed cylinder	12,0x175/25	020348150006
Shape D, ball	10,0x179/9	020348150007
Shape D, ball	12,0x161/11	020348150008
Shape E, oval	10,0x170/20	020348150009
Shape E, oval	12,0x175/25	020348150010
Shape F, ball nosed tree	10,0x170/20	020348150011
Shape F, ball nosed tree	12,0x175/25	020348150012
Shape G, pointed tree	10,0x170/20	020348150013
Shape G, pointed tree	12,0x175/25	020348150014
Shape H, flame	10,0x175/25	020348150015
Shape H, flame	12,0x182/32	020348150016
Shape J, countersink 60°	10,0x175/25	020348150017
Shape J, countersink 60°	12,0x178/28	020348150018
Shape M, cone	10,0x166/16	020348150019
Shape M, cone	12,0x172/22	020348150020

Packing unit: 1 pc / EV-Pack

Available in various shapes with a carbide (HM) cutting head.

Surface: silver finish

Shank: d 6 mm

Safety advice / user instruction for long-shank burrs:

Use only rigid clamping systems to avoid risk of breakage.

The burr must be in contact with the workpiece before starting power tool. The burr must remain in contact with the workpiece for as long as the machine is running.

Not for use on stationary applications.

burr size D (mm)	Maximum RPM (min ⁻¹)	
	no contact to workpiece	with contact to workpiece
10	4.000	9.000
12	3.000	7.000



TCT Rotary burrs in different shapes with 3 mm shank, double cut

shape	size D x L1 (mm)	article number
Shape A, cylinder without endtooththing	3,0 x 38	020348116070
Shape B, cylinder with endtooththing	3,0 x 38	020348116071
Shape C, ball nosed cylinder	3,0 x 38	020348116072
Shape D, ball	3,0 x 38	020348116073
Shape E, oval	3,0 x 38	020348116074
Shape F, ball nosed tree	3,0 x 38	020348116079
Shape G, pointed tree	3,0 x 38	020348116075
Shape H, flame	3,0 x 38	020348116076
Shape J, countersink 60°	3,0 x 38	020348116077
Shape M, cone	3,0 x 38	020348116078



Packing unit: 1 pc / EV-Pack

TCT ROTARY BURR SETS

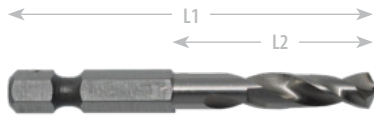
TCT Rotary burr sets

	article / content	article number
NEW	set of 5 pcs, double cut D 10 mm 1 x shape A, cylinder withouth end toothing 1 x shape F, ball nose tree 1 x shape G, pointed tree 1 x shape L, ball nosed cone	020348116006
NEW	set of 5 pcs, double cut D 12 mm 1 x shape A, cylinder withouth end toothing 1 x shape C, ball nosed cylinder 1 x shape F, ball nose tree 1 x shape G, pointed tree 1 x shape L, ball nosed cone	020348116007
NEW	set of 5 pcs, alu cut D 10 mm 1 x shape A, cylinder withouth end toothing 1 x shape B, cylinder with end toothing 1 x shape C, ball nosed cylinder 1 x shape F, ball nose tree 1 x shape G, pointed tree	020348116008
NEW	set of 5 pcs, alu cut D 12 mm 1 x shape A, cylinder withouth end toothing 1 x shape B, cylinder with end toothing 1 x shape F, ball nose tree 1 x shape G, pointed tree 1 x shape L, ball nosed cone	020348116009
NEW	set of 5 pcs, inox cut D 10 mm 1 x shape A, cylinder withouth end toothing 1 x shape C, ball nosed cylinder 1 x shape D, ball 1 x shape G, pointed tree 1 x shape L, ball nosed cone	020348116001
NEW	set of 5 pcs, inox cut D 12 mm 1 x shape A, cylinder withouth end toothing 1 x shape C, ball nosed cylinder 1 x shape D, ball 1 x shape G, pointed tree 1 x shape L, ball nosed cone	020348116090
	set of 10 pcs, double cut N°2 2 x shape A, cylinder withouth end toothing (D 6,0, 12,0 mm) 2 x shape C, ball nosed cylinder (D 6,0, 12,0 mm) 2 x shape D, ball (D 6,0, 12,0 mm) 2 x shape F, ball nose tree (D 6,0, 12,0 mm) 2 x shape G, pointed tree (D 6,0, 12,0 mm)	N°2 020348116002
	set of 10 pcs, double cut N°3 2 x shape A, cylinder withouth end toothing (D 10,0, 12,0 mm) 2 x shape C, ball nosed cylinder (D 10,0, 12,0 mm) 2 x shape F, ball nose tree (D 10,0, 12,0 mm) 2 x shape G, pointed tree (D 10,0, 12,0 mm) 1 x shape D, ball (D 12,0 mm) 1 x shape M, cone (D 12,0 mm)	N°3 020348116003
	set of 10 pcs, double cut N°4 1 x shape A, cylinder withouth end toothing (D 12,0 mm) 1 x shape B, cylinder with end toothing (D 12,0 mm) 1 x shape C, ball nosed cylinder (D 12,0 mm) 1 x shape D, ball (D 12,0 mm) 1 x shape E, oval (D 12,0 mm) 1 x shape F, ball nosed tree (D 12,0 mm) 1 x shape G, pointed tree (D 12,0 mm) 1 x shape H, flame (D 12,0 mm) 1 x shape L, ball nosed cone (D 12,0 mm) 1 x shape M, cone (D 12,0 mm)	N°4 020348116004
	set of 10 pcs, alu cut N°5 1 x shape A, cylinder withouth end toothing (D 10,0 mm) 1 x shape A, cylinder withouth end toothing (D 12,0 mm) 1 x shape B, cylinder with end toothing (D 10,0 mm) 1 x shape B, cylinder with end toothing (D 12,0 mm) 1 x shape C, ball nosed cylinder (D 10,0 mm) 1 x shape F, ball nose tree (D 10,0 mm) 1 x shape F, ball nose tree (D 12,0 mm) 1 x shape L, ball nosed cone (D 12,0 mm) 1 x shape G, pointed tree (D 10,0 mm) 1 x shape G, pointed tree (D 12,0 mm)	N°5 020348116005
NEW	set of 36, double cut, with lockable plastic box 1 x shape A, cylinder withouth end toothing 6 8 10 12 16 mm 1 x shape B, cylinder with end toothing 6 8 10 12 16 mm 1 x shape C, ball nosed cylinder 6 8 10 12 16 mm 1 x shape D, ball 6 8 10 12 16 mm 1 x shape F, ball nose tree 6 8 10 12 16 mm 1 x shape G, pointed tree 6 8 10 12 16 mm 1 x shape M, cone 6 8 10 12 16 mm	020348116000



DRILL BITS WITH E 6,3 SHANK

HSS-G ground metal drill bit



size D (mm)	L1/L2 (mm)	article number
3,0	47/16	020343003000
3,2	47/16	020343003200
3,5	47/16	020343003500
4,0	53/20	020343004000
4,2	53/20	020343004200
4,5	53/20	020343004500
5,0	59/26	020343005000
5,5	59/26	020343005500
6,0	59/26	020343006000
6,5	59/26	020343006500
7,0	59/30	020343007000
8,0	60/32	020343008000

Packing unit: 1 pc / EV-Pack

Wood drill bit (CV)



size D (mm)	length (mm)	article number
3,0	70	020343023000
4,0	75	020343024000
5,0	85	020343025000
6,0	95	020343026000
8,0	95	020343028000

Packing unit: 1 pc / EV-Pack

Masonry drill bit



size D (mm)	article number
4,0	020343030004
5,0	020343030005
6,0	020343030006
8,0	020343030008
10,0	020343030010

Packing unit: 1 pc / EV-Pack

Steel scriber

Designed to use on hard surfaces such as metal, glass or tile.



length (mm)	article number
150,0	020359100000

Packing unit: 1 pc / EV-Pack

Drill paste stick

High-performance drill paste with excellent lubrication properties. Extends tool life even for hard and brittle materials. Its high heat resistance ensures effective lubrication and cooling at elevated temperatures. **Suitable** for all common metalworking processes, such as threading, drilling, countersinking, turning and milling..



weight (g)	article number
30	020391000000

Packing unit: 1 pc

CIMTAP drill paste in a jar

CIMTAP is a concentrated paste mixture that can be diluted with water. It is recommended as a lubricant for machining, especially under high surface load conditions. It extends tool life, eliminates chip welding and reduces the risk of tool breakage. It is odorless and non-evaporating during use. It can be used for machine and hand threading, as well as cutting threads when machining steel, cast iron, corrosion-resistant alloys and aluminum castings.

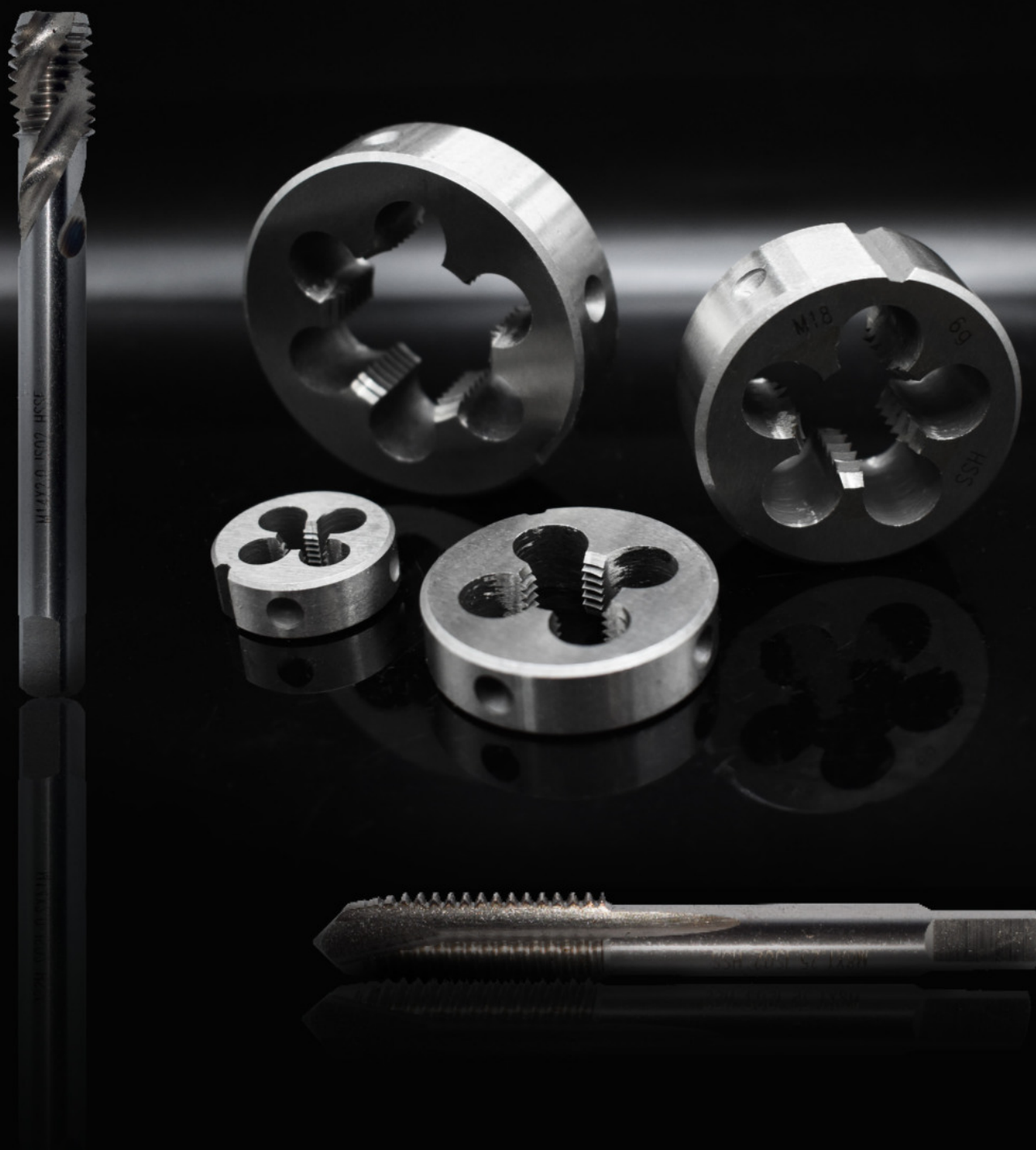
(Cooling is mandatory when using HSS-Co drill bits and recommended for HSS drill bits.)

weight (g)	article number
80	020391000080
300	020391000300
1000	020391001000

Packing unit: 1 pc



TAPS AND DIES



HAND TAPS

Hand tap M, HSS-G DIN 352 | METRIC

For thorough holes and blind holes. The thread is cut in three operations.

High cutting performance, easy free cutting.

Suitable for unalloyed and low-alloyed steels up to 800 N/mm², malleable cast iron and non-ferrous metals.



Set: 3 pcs

Taper tap: 5-6 thread chamfer

Second tap: 4-5 thread chamfer

Final tap: 2-3 thread chamfer

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	article number
M 2	0,40	1,60	36,0	8,0	020345302000
M 3	0,50	2,50	40,0	10,0	020345303000
M 4	0,70	3,30	45,0	12,0	020345304000
M 5	0,80	4,20	50,0	13,0	020345305000
M 6	1,00	5,00	56,0	15,0	020345306000
M 7	1,00	6,00	56,0	16,0	020345307000
M 8	1,25	6,80	63,0	18,0	020345308000
M 10	1,50	8,50	70,0	24,0	020345310000
M 12	1,75	10,20	75,0	29,0	020345312000
M 14	2,00	12,00	80,0	30,0	020345314000
M 16	2,00	14,00	80,0	32,0	020345316000
M 18	2,50	15,50	95,0	40,0	020345318000
M 20	2,50	17,50	95,0	40,0	020345319000
M 22	2,50	19,50	100,0	40,0	020345322000
M 24	3,00	21,00	110,0	45,0	020345324000

Packing unit: 1 set / X-Pack

Hand tap MF, HSS-G DIN 2181 | METRIC FINE

For thorough holes and blind holes. The thread is cut in two operations. High

cutting performance, easy, free cutting.

Suitable for unalloyed or low-alloyed steels up to 800 N/mm², malleable cast iron and non-ferrous metals.



Set: 2 pcs

Taper tap: 5-6 thread chamfer

Final tap: 2-3 thread chamfer

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	article number
MF 5	0,75	4,20	50,0	13,0	020345405000
MF 6	0,75	5,20	50,0	15,0	020345406000
MF 8	0,75	7,20	56,0	18,0	020345408000
MF 8	1,00	7,00	56,0	18,0	020345408001
MF 10	1,00	9,00	63,0	18,0	020345410000
MF 10	1,25	8,80	70,0	24,0	020345410001
MF 12	1,00	11,00	70,0	20,0	020345412000
MF 12	1,25	10,80	70,0	20,0	020345412001
MF 12	1,50	10,50	70,0	20,0	020345412002
MF 14	1,25	12,80	70,0	20,0	020345414000
MF 14	1,50	12,50	70,0	20,0	020345414001
MF 16	1,50	14,50	70,0	20,0	020345416000
MF 18	1,50	16,50	80,0	22,0	020345418000
MF 20	1,50	18,50	80,0	22,0	020345420000
MF 22	1,50	20,50	80,0	22,0	020345422000
MF 24	1,50	22,50	90,0	22,0	020345424000

Packing unit: 1 set / X-Pack

Single-cut tap M, HSS-G DIN 352 | METRIC

For manual and machine use for through holes.

The thread can be cut in one operation.

Suitable for unalloyed and low-alloyed steels up to 800 N/mm².



Chamfer: type B, 4-5 threads with progressive tap

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	article number
M 2	0,40	1,6	36,0	8	020345202000
M 2,5	0,45	2,0	40,0	9	020345202500
M 3	0,50	2,50	40,0	10,0	020345203000
M 4	0,70	3,30	45,0	12,0	020345204000
M 5	0,80	4,20	50,0	13,0	020345205000
M 6	1,00	5,00	50,0	15,0	020345206000
M 8	1,25	6,80	56,0	18,0	020345208000
M 10	1,50	8,50	70,0	24,0	020345210000
M 12	1,75	10,20	75,0	29,0	020345212000

Packing unit: 1 pc / X-Pack

MACHINE TAPS

Machine tap M, HSS-G and HSS-Co DIN 371 | METRIC

With reinforced shank for thorough holes. Optimal chip removal.

HSS-G: unalloyed and low-alloyed steels up to 800 N/mm².

HSS-Co (5%): also for use in stainless steel.

Chamfer: type B, 4-5 threads with progressive tap

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number HSS-G	article number HSS-Co
M 3	0,50	2,50	56	10,0	3,50	020345220003	020345240003
M 4	0,70	3,30	63	12,0	4,50	020345220004	020345240004
M 5	0,80	4,20	70	13,0	6,00	020345220005	020345240005
M 6	1,00	5,00	80	13,0	6,00	020345220006	020345240006
M 8	1,25	6,80	90	18,0	8,00	020345220008	020345240008
M 10	1,50	8,50	100	20,0	10,00	020345220010	020345240010

Packing unit: 1 pc / X-Pack

Machine tap M, HSS-G and HSS-Co DIN 376 | METRIC

With overflow shank for thorough holes. Optimal chip removal.

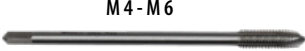
HSS-G: unalloyed and low-alloyed steels up to 800 N/mm².

HSS-Co (5%): also for use in stainless steel.

Chamfer: type B, 4-5 threads with progressive tap

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number HSS-G	article number HSS-Co
M 3 *	0,50	2,50	56,0	10,0	2,20	020345250003	020345260003
M 4	0,70	3,30	63,0	12,0	2,80	020345250004	020345260004
M 5	0,80	4,20	70,0	13,0	3,50	020345250005	020345260005
M 6	1,00	5,00	80,0	13,0	4,50	020345250006	020345260006
M 8	1,25	6,80	90,0	18,0	6,00	020345250008	020345260008
M 10	1,50	8,50	100,0	20,0	7,00	020345250010	020345260010
M 12	1,75	10,20	110,0	22,0	9,00	020345250012	020345260012
M 14	2,00	12,00	110,0	25,0	11,00	020345250014	020345260014
M 16	2,00	14,00	110,0	28,0	12,00	020345250016	020345260016

Packing unit: 1 pc / X-Pack *with cylindrical shank

Machine tap M, HSS-G and HSS-Co 35° DIN 371 | METRIC

With reinforced shank and 35° right-hand spiral flutes for blind holes.

Optimal chip removal. HSS-G: unalloyed and low-alloyed steels up to 800 N/mm².

HSS-Co (5%): also for use in stainless steel.

Chamfer: type C / 35° right-hand spiral flute, 2-3 threads

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number HSS-G	article number HSS-Co
M 3	0,50	2,50	56,0	6,0	3,50	020345270003	020345280003
M 4	0,70	3,30	63,0	7,0	4,50	020345270004	020345280004
M 5	0,80	4,20	70,0	8,0	6,00	020345270005	020345280005
M 6	1,00	5,00	80,0	10,0	6,00	020345270006	020345280006
M 8	1,25	6,80	90,0	14,0	8,00	020345270008	020345280008
M 10	1,50	8,50	100,0	16,0	10,00	020345270010	020345280010

Packing unit: 1 pc / X-Pack

Machine tap M, HSS-G and HSS-Co 35° DIN 376 | METRIC

With overflow shank and 35° right-hand spiral flutes for blind holes.

Optimal chip removal. HSS-G: unalloyed and low-alloyed steels up to 800 N/mm².

HSS-Co (5%): also for use in stainless steel.



Chamfer: type C / 35° right-hand spiral flute, 2-3 threads

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number HSS-G	article number HSS-Co
M 12	1,75	10,20	110,0	18	9,0	020345230012	020345231012
M 14	2,00	12,00	110,0	20	11,0	020345230014	020345231014
M 16	2,00	14,00	110,0	22	12,0	020345230016	020345231016

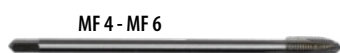
Packing unit: 1 pc / X-Pack

MACHINE TAPS

Machine tap MF, HSS-Co 5 DIN 374 | METRIC FINE

With overflow shank for thorough holes. Optimal chip removal.

Suitable for stainless steel.



MF 8 - MF 16



Chamfer: type B, 4-5 threads with progressive tap

Flanks: profile ground, backed off

Surface: bright



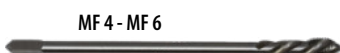
thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number
MF 4	0,50	3,65	63,0	10,0	2,8	020345251040
MF 5	0,50	4,50	70,0	12,0	3,5	020345251050
MF 6	0,75	5,20	80,0	14,0	4,5	020345251060
MF 8	1,00	7,00	90,0	22,0	6,0	020345251080
MF 10	1,00	9,00	90,0	20,0	7,0	020345251100
MF 10	1,25	8,80	100,0	24,0	7,0	020345251101
MF 12	1,00	11,00	100,0	22,0	9,0	020345251120
MF 12	1,25	10,80	100,0	22,0	9,0	020345251121
MF 12	1,50	10,50	100,0	22,0	9,0	020345251122
MF 14	1,25	12,70	100,0	22,0	11,0	020345251140
MF 14	1,50	12,50	100,0	22,0	11,0	020345251141
MF 16	1,50	14,50	100,0	22,0	12,0	020345251160

Packing unit: 1 pc / X-Pack

Machine tap MF, HSS-Co 5 DIN 374 | METRIC FINE

Machine taps with overflow shank and 35° right-hand spiral flutes for bottoming.

Suitable for stainless steel.



MF 8 - MF 16



Chamfer: type C / 35° right-hand spiral flute, 2-3 threads

Flanks: profile ground, backed off

Surface: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number
MF 4	0,50	3,65	63,0	7,0	2,8	020345261040
MF 5	0,50	4,50	70,0	8,0	3,5	020345261050
MF 6	0,75	5,20	80,0	10,0	4,5	020345261060
MF 8	1,00	7,00	90,0	12,0	6,0	020345261080
MF 10	1,00	9,00	90,0	12,0	7,0	020345261100
MF 10	1,25	8,80	100,0	12,0	7,0	020345261101
MF 12	1,00	11,00	100,0	16,0	9,0	020345261120
MF 12	1,25	10,80	100,0	16,0	9,0	020345261121
MF 12	1,50	10,50	100,0	16,0	9,0	020345261122
MF 14	1,25	12,70	100,0	16,0	11,0	020345261140
MF 14	1,50	12,50	100,0	16,0	11,0	020345261141
MF 16	1,50	14,50	100,0	12,0	12,0	020345261160

Packing unit: 1 pc / X-Pack

Machine nut tap M, HSS-G DIN 357 | METRIC

Long shank to retain several cut nuts.

The thread is cut in one operation. For through holes.

Suitable for unalloyed and low-alloyed steels up to 800 N/mm².



Chamfer: 2/3 of the thread length

Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	thread core hole D (mm)	total length (mm)	thread length (mm)	shank d (mm)	article number
M 4	0,70	3,30	90,0	25,0	2,8	020345290004
M 5	0,80	4,20	100,0	28,0	3,5	020345290005
M 6	1,00	5,00	110,0	32,0	4,5	020345290006
M 8	1,25	6,80	125,0	40,0	6,0	020345290008
M 10	1,50	8,50	140,0	45,0	7,0	020345290010
M 12	1,75	10,20	180,0	50,0	9,0	020345290012

Packing unit: 1 pc / X-Pack

Combined machine tap M, 1/4" with hexagon shank, HSS-G | METRIC

Drilling holes and threads, countersinking and deburring in one operation. The material thickness must not exceed the thread diameter.

Suitable for unalloyed and low-alloyed steels up to 800 N/mm² strength, malleable cast iron and non-ferrous metals.



Flanks: profile ground, backed off

Finish: bright



thread D (mm)	pitch (mm)	total length (mm)	thread core hole D (mm)	article number
M 3	0,50	36,0	2,5	020345600003
M 4	0,70	39,0	3,3	020345600004
M 5	0,80	41,0	4,2	020345600005
M 6	1,00	44,0	5,0	020345600006
M 8	1,25	51,0	6,8	020345600008
M 10	1,50	59,0	8,5	020345600010

Packing unit: 1 pc / X-Pack

CIRCULAR DIES

Circular die HSS-G, DIN EN 22568 (DIN 223 B) | METRIC

The thread is cut in one operation. High cutting performance.

Suitable for unalloyed and low-alloyed steels up to 800 N/mm² and non-ferrous metals.



Type: B closed, pre-slitted
Thread: metric DIN ISO 13
Finish: bright



thread D (mm)	pitch (mm)	outside D (mm)	thickness (mm)	article number
M 2	0,40	16,0	5,0	020345830002
M 3	0,50	20,0	5,0	020345830003
M 4	0,70	20,0	5,0	020345830004
M 5	0,80	20,0	7,0	020345830005
M 6	1,00	20,0	7,0	020345830006
M 7	1,00	25,0	9,0	020345830007
M 8	1,25	25,0	9,0	020345830008
M 10	1,50	30,0	11,0	020345830010

thread D (mm)	pitch (mm)	outside D (mm)	thickness (mm)	article number
M 12	1,75	38,0	14,0	020345830012
M 14	2,00	38,0	14,0	020345830014
M 16	2,00	45,0	18,0	020345830016
M 18	2,50	45,0	18,0	020345830018
M 20	2,50	45,0	18,0	020345830020
M 22	2,50	55,0	22,0	020345830022
M 24	3,00	55,0	22,0	020345830024

Packing unit: 1 pc / X-Pack

Circular die MF, HSS-G DIN EN 22568 (DIN 223 B) | METRIC FINE

The thread is cut in one operation. High cutting performance

Suitable for unalloyed and low-alloyed steels up to 800 N/mm² and non-ferrous metals.



Type: B closed, pre-slitted
Thread: metric fine DIN ISO 13
Finish: bright



thread D (mm)	pitch (mm)	outside D (mm)	thickness (mm)	article number
MF 3	0,35	20,0	5,00	020345840300
MF 4	0,35	20,0	5,00	020345840400
MF 4	0,50	20,0	5,00	020345840401
MF 5	0,75	20,0	7,00	020345840500
MF 6	0,75	20,0	7,00	020345840600
MF 8	0,75	25,0	9,00	020345840800
MF 8	1,00	25,0	9,00	020345840801
MF 10	1,00	30,0	11,00	020345841000
MF 10	1,25	30,0	11,00	020345841001

thread D (mm)	pitch (mm)	outside D (mm)	thickness (mm)	article number
MF 12	1,00	38,0	10,0	020345841200
MF 12	1,25	38,0	10,0	020345841201
MF 12	1,50	38,0	10,0	020345841202
MF 14	1,25	38,0	10,0	020345841400
MF 14	1,50	38,0	10,0	020345841401
MF 16	1,50	45,0	14,0	020345841600
MF 18	1,50	45,0	14,0	020345841800
MF 20	1,50	45,0	14,0	020345842000
MF 22	1,50	55,0	16,0	020345842200
MF 24	1,50	55,0	16,0	020345842400

Packing unit: 1 pc / X-Pack

Circular die HSS-G, DIN EN 24231 (DIN 5158)

Whitworth pipe thread. The thread is cut in one operation.

Suitable for unalloyed or low-alloyed steels up to 800 N/mm² and for non-ferrous metals.



Type: B closed, pre-slitted
Thread: DIN ISO 228 „G“ (cylindrical pipe thread)
Finish: bright



thread D (mm)	pitch (mm)	outside D (mm)	thickness (mm)	article number
G 1/8"	28	30	11,0	020345850018
G 1/4"	19	38	10,0	020345850014
G 3/8"	19	45	14,0	020345850038
G 1/2"	14	45	14,0	020345850012
G 3/4"	14	55	16,0	020345850034
G 1"	11	65	18,0	020345850001

Packing unit: 1 pc / X-Pack

Thread deburrer

Hardened steel blades remove burrs and uneven ridges from threaded rods, pipes and more.

Suitable for steels, brass, copper, aluminium and wood.



size D (mm)

article number

3-20

020345330001

Packing unit: 1 pc

ACCESSORIES

Die stock, DIN 225

For closed and slotted taps according to DIN EN 24231.
With steel handles and five screws for clamping the tap.
Die-cast zinc housing.

size (mm)	thickness (mm)	length (mm)	M + MF	Ww	G	article number
16	5,0	160,0	M 1 - 2,6	1/16" - 3/32"	-	020345820016
20	5,0	200,0	M 3 - 4	1/8" - 5/32"	-	020345820020
20	7,0	200,0	M 4,5 - 6	3/16" - 1/4"	-	020345820021
25	9,0	224,0	M 7 - 9	5/16"	1/16"	020345820025
30	11,0	280,0	M 10 - 11	3/8" - 7/16"	1/8"	020345820030
38	14,0	315,0	M 12 - 14	1/2" - 9/16"	-	020345820039
45	18,0	450,0	M 16 - 20	5/8" - 13/16"	-	020345820046
55	22,0	560,0	M 22 - 24	7/8" - 1"	-	020345820056

Packing unit: 1 pc

size (mm)	thickness (mm)	length (mm)	M + MF	Ww	G	article number
38	10,0	315,0	MF 12 - 15	-	1/4"	020345820038
45	14,0	450,0	MF 16 - 20	-	3/8" - 1/2"	020345820045
55	16,0	560,0	MF 22 - 26	-	5/8" - 3/4"	020345820055

Packing unit: 1 pc



Adjustable tap of hand taps, DIN 1814

For direct holding hand taps. With two-jaw chuck for tensioning square shanks and steel handles one of which can be unscrewed. Die-cast zinc housing, hardened chuck jaws.

type	length (mm)	M + MF	Ww	G	article number
0	130,0	M 1 - 8	1/16 - 1/4"	-	020345320006
1	176,0	M 1 - 10	1/16 - 3/8"	-	020345320007
1 1/2	176,0	M 1 - 12	1/16 - 1/2"	1/8"	020345320001
2	280,0	M 4 - 12	5/32 - 1/2"	1/8" - 3/8"	020345320002
3	380,0	M 5 - 20	7/32 - 3/4"	1/8" - 1/2"	020345320003
4	505,0	M 11 - 27	7/16 - 1"	1/8" - 3/4"	020345320004
5	700,0	M 13 - 32	1/2 - 1 1/4"	1/4" - 1"	020345320005

Packing unit: 1 pc



Tap wrench with ratchet, DIN 1814

For thread-cutting in inaccessible places. With two jaw chuck for tensioning square shanks. Left-hand and right-hand use. Sliding cross-handle with grooves at both ends. Chromium-plated.



size	length (mm)	M + MF	Ww	G	article number
1	85,0	M 3 - 10	1/8" - 3/8"	-	020345320000
2	100,0	M 5 - 12	7/32" - 1/2"	1/8"	020345321000

Packing unit: 1 pc

Pitch gauge



size	article number
M 2 - M 12	020345000001

Packing unit: 1 pc

THREAD CUTTING SETS

article	article number
1. 7 pcs set of circular dies, HSS-G M3 M4 M5 M6 M8 M10 M12	020345810008
2. 7 pcs set of machine taps, HSS-G DIN 371 type B M3 M4 M5 M6 M8 M10 M12	020345800010
3. 7 pcs set of machine taps, HSS-Co DIN 371 type B M3 M4 M5 M6 M8 M10 M12	020345800011
4. 7 pcs set of machine taps, HSS-G DIN 371 type C M3 M4 M5 M6 M8 M10 M12	020345800012
5. 7 pcs set of machine taps, HSS-Co DIN 371 type C M3 M4 M5 M6 M8 M10 M12 DIN 371	020345800013
6. D1 14 pcs set of machine taps HSS-G 7 machine taps DIN 371 / DIN 376 type B, for through holes: M3 M4 M5 M6 M8 M10 M12 twist drills HSS-GS DIN 338 Typ N: D 2,5 3,3 4,2 5,0 6,8 8,5 10,2 mm	020345800014
7. D2 14 pcs set of machine taps, HSS-Co 7 machine taps DIN 371 / DIN 376 type B, for through holes: M3 M4 M5 M6 M8 M10 M12 twist drills HSS-Co DIN 338 Typ N: D 2,5 3,3 4,2 5,0 6,8 8,5 10,2 mm	020345800015
8. S1 14 pcs set of machine taps, HSS-G 7 machine taps DIN 371 / DIN 376 type C / 35°, for blind holes: M3 M4 M5 M6 M8 M10 M12 twist drills HSS-GS DIN 338 Typ N: D 2,5 3,3 4,2 5,0 6,8 8,5 10,2 mm	020345800016
9. S2 14 pcs set of machine taps, HSS-Co 7 machine taps DIN 371 / DIN 376 type C / 35°, for blind holes: M3 M4 M5 M6 M8 M10 M12 7 twist drills HSS-Co DIN 338 Typ N: D 2,5 3,3 4,2 5,0 6,8 8,5 10,2 mm	020345800017
10. 7 pcs set of combined machine taps, short 6 combined machine taps: M3 M4 M5 M6 M8 M10, 1 magnetic bitholder	020345800007
11. 15 pcs set of single-cut taps, HSS-G DIN 352 7 single-cut taps HSS-G, DIN 352: M3 M4 M5 M6 M8 M10 M12 7 twist drills HSS-GS DIN 338 type N: D 2,5 3,3 4,2 5,0 6,8 8,5 10,2 mm 1 tap wrench, size 1 1/2, DIN 1814	020345300015



THREAD CUTTING SETS

article	article number
12. 16 pcs set of thread cutting tool in plastic case, HSS-G 7 hand taps HSS-G, DIN 352: M3 M4 M5 M6 M8 M10 M12 7 circular dies HSS-GS DIN 338: M3 M4 M5 M6 M8 M10 M12 1 tap wrench, size 1, DIN 1814, 1 die stock size: D 25x9 mm	020345300016
13. 33 pcs set of thread cutting tool in plastic case, HSS-G M3-M12 7 hand taps M, DIN 352 (set at 3 pieces each), sizes: M3 M4 M5 M6 M8 M10 M12 7 circular dies M, DIN EN 22568, sizes: M3 M4 M5 M6 M8 M10 M12 1 tap wrench, size 1, DIN 1814, 1 die stock size: D 25x9 mm 1 screwdriver, 1 pitch gage, 1 tap wrench with ratchet, DIN 1814	020345300033
14. 45 pcs set of thread cutting tools in pastic case, HSS-G DIN 352 7 hand taps M, DIN 352 (set at 3 pieces each), sizes: M3 M4 M5 M6 M8 M10 M12 7 circular dies M, DIN EN 22568, sizes: M3 M4 M5 M6 M8 M10 M12 5 die stocks DIN 225, sizes: 20x5/20x7/25x9/30x11/38x14 mm 2 tap wrenches DIN 1814, size: 1 and 2 1 screwdriver, 1 pitch gage, 1 tap wrench with ratchet, DIN 1814 7 twist drills DIN 338, type N: D 2,5 3,3 4,2 5,0 6,8 8,5 10,2 mm	020345300044
15. 55 pcs set of thread cutting tools in plastic case 11 hand taps M, DIN 352 (set at 3 pieces each), sizes: M3 M4 M5 M6 M8 M10 M12 M14 M16 M18 M20 11 circular dies M, DIN EN 22568, sizes: M3 M4 M5 M6 M8 M10 M12 M14 M16 M18 M20 6 die stocks DIN 225, sizes: 20x5 20x7 25x9 30x11 38x14 45x18 mm 2 tap wrenches DIN 1814, sizes: 1 and 2 1 screwdriver / 1 pitch gage / 1 tap wrench with ratchet, DIN 1814	020345300055



THREAD REPAIR KITS

article	article number
24 pcs thread repair kit M4 - 1 x HSS-GS metal drill bit D 4,2 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 4 - 1 x pin-breaker M 4 - 20 x inserts M 4 x 0,70 / 1,5 D	020345900004
24 pcs thread repair kit M5 - 1 x HSS-GS metal drill bit D 5,2 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 5 - 1 x pin-breaker M 5 - 20 x inserts M 5 x 0,80 / 1,5 D	020345900005
24 pcs thread repair kit M6 - 1 x HSS-GS metal drill bit D 6,3 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 6 - 1 x pin-breaker M 6 - 20 x inserts M 6 x 1,00 / 1,5 D	020345900006
24 pcs thread repair kit M8 - 1 x HSS-GS metal drill bit D 8,3 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 8 - 1 x pin-breaker M 8 - 20 x inserts M 8 x 1,25 / 1,5 D	020345900008
19 pcs thread repair kit M10 - 1 x HSS-GS metal drill bit D 10,3 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 10 - 1 x pin-breaker M 10 - 20 x inserts M 10 x 1,25 / 1,5 D	020345900010
19 pcs thread repair kit M10 - 1 x HSS-GS metal drill bit D 10,4 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 10 - 1 x pin-breaker M 10 - 15 x inserts M 10 x 1,50 / 1,5 D	020345900011
14 pcs thread repair kit M12 - 1 x HSS-GS metal drill bit D 12,4 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 12 - 1 x pin-breaker M 12 - 15 x inserts M 12 x 1,50 / 1,5 D	020345900012
14 pcs thread repair kit M12 - 1 x HSS-GS metal drill bit D 12,4 mm - 1 x HSS-GS hand tap - 1 x fitting tool M 12 - 1 x pin-breaker M 12 - 10 x inserts M 12 x 1,75 / 1,5 D	020345900013
13 pcs thread repair kit M14 - 1 x HSS-GS hand tap - 1 x fitting tool M 14 - 1 x pin breaker M 14 - 10 x inserts M 14 x 2,00 / 1,5 D	020345900014
13 pcs thread repair kit M14 - 1 x HSS-GS hand tap - 1 x fitting tool M 14 - 1 x pin breaker M 14 - 10 x inserts M 14 x 1,25 / 1,5 D	020345900015
125 pcs thread repair kit, M 5 6 8 10 12 - 5 x HSS-GS hand tap - 5 x fitting tool M5 M6 M8 M10 M12 - 5 x pin-breaker M5 M6 M8 M10 M12 - inserts: 25 x M 5 x 0,80 25 x M 6 x 1,00 25 x M 8 x 1,25 25 x M 10 x 1,50 10 x M 12 x 1,75	020345905000
60 pcs thread repair kit 1,0 D - 10 x M3x0,5 M4x0,7 M5x0,8 M6x1,0 M8x1,25 - 5 x M10x1,5 M12x1,75	020345906010
60 pcs thread repair kit 1,5 D - 10 x M3x0,5 M4x0,7 M5x0,8 M6x1,0 M8x1,25 - 5 x M10x1,5 M12x1,75, 1,75	020345906015
60 pcs thread repair kit 2,0 D - 10 x M3x0,5 M4x0,7 M5x0,8 M6x1,0 M8x1,25 - 5 x M10x1,5 M12x1,75	020345906020

damaged thread



repaired thread



CONCRETE DRILL BITS



CONCRETE DRILL BITS

Masonry drill bit with cylindrical shank, available in EV-Pack and Profi-Pack packaging

Straight shank drill bit according to DIN 8039.

Carbide tipped 130° angle.

From D 12,0-16,0 mm with reduced shank (10,0 mm).

Suitable for brick and masonry.



size D x L1/L2 (mm)	EV-Pack (1 pc) article number	Profi-Pack article number
3 x 60/30	020350003000	
4 x 75/40	020350004000	
5 x 85/50	020350005000	020350020005 (25 pcs)
6 x 100/60	020350006000	020350020006 (25 pcs)
7 x 100/60	020350007000	
8 x 120/80	020350008000	020350020008 (15 pcs)
10 x 120/80	020350010000	020350020010 (10 pcs)
12 x 150/85	020350012000	
14 x 150/95	020350014000	
16 x 150/95	020350016000	

Concrete drill bit with cylindrical shank standard, available in EV-Pack and Profi-Pack packaging

Robust designed straight shank drill bit

Carbide-tipped 130° angle.

From D 12-16 mm with reduced shank (10,0 mm).

Suitable for brick, masonry, concrete, natural stone.



size D x L1/L2 (mm)	EV-Pack (1 pc) article number	Profi-Pack article number
3 x 60/30	020350103000	
4 x 75/40	020350104000	
5 x 85/50	020350105000	020350120005 (25 pcs)
6 x 100/60	020350106000	020350120006 (25 pcs)
7 x 100/60	020350107000	
8 x 120/80	020350108000	020350120008 (15 pcs)
10 x 120/80	020350110000	020350120010 (10 pcs)
12 x 150/85	020350112000	
14 x 150/95	020350114000	
16 x 150/95	020350116000	

Long masonry drill bit

Robust designed drill bit, carbide-tipped 130° angle.

D 8-15 mm with straight shank, D 16-25 mm with hexagonal shank.

Suitable for brick, masonry, concrete.



size D x L1/L2 (mm)	article number
8 x 400/300	020354008000
10 x 400/300	020354010000
12 x 400/300	020354012000
14 x 400/300	020354014000
16 x 400/300	020354016000
18 x 400/300	020354018000
20 x 400/300	020354020000

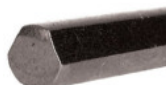
Packing unit: 1 pc / plastic tube

Triangular shank concrete drill bit, Diamant 3D

Professional-grade high-performance hammer drill bit with carbide insert and special spiral, featuring a triangular machined shank for all diameters.

Suitable for drilling natural stone, granite, brick, concrete and reinforced concrete.

Compatible with all hammer drills.



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size D x L1/L2 (mm)	article number
4 x 75/35	020351004000
5 x 85/45	020351005000
6 x 100/60	020351006000
8 x 120/75	020351008000
10 x 120/75	020351010000
12 x 150/80	020351012000

Packing unit: 1 pc / EV-Pack



CONCRETE DRILL BITS

Cylindrical shank concrete drill bit, Diamant EVOLUTION 2 | STANDARD LENGTH available in EV-Pack and Profi-Pack packaging

Superior quality concrete drill bit with straight shank.
Special ground tungsten carbide tip, 130° angle.
Long lifetime, high drilling speed and extreme breaking strength.
Suitable for concrete, masonry, natural and artificial stone, granite.



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size D x L1/L2 (mm)	article number
3 x 60/30	020350803000
4 x 75/40	020350804000
5 x 85/50	020350805000
6 x 100/60	020350806000
7 x 100/60	020350807000
8 x 120/80	020350808000

size D x L1/L2 (mm)	article number
9 x 120/80	020350809000
10 x 120/80	020350810000
12 x 150/85	020350812000
14 x 150/95	020350814000
16 x 150/95	020350816000

Packing unit: 1 pc / EV-Pack

size D x L1/L2 (mm)	Packing unit Profi-Pack	article number
5 x 85/50	25 pcs	020350900005
6 x 100/60	25 pcs	020350900006
8 x 120/80	15 pcs	020350900008
10 x 120/80	10 pcs	020350900010

Concrete drill bit Diamant EVolution 2 | 200 MM LONG



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size D x L1/L2 (mm)	article number
6 x 200/130	020351406000
8 x 200/130	020351408000
10 x 200/130	020351410000
12 x 200/130	020351412000

Packing unit: 1 pc / EV-Pack



MULTI universal drill bits (masonry shank)

The multi universal drill bit drills through virtually any material. Extra-sharp carbide cutting edges with special grinding on all sides. Clean and precise holes, even when drilling in different materials. Shatter-proof drilling of hollow-chamber bricks, highly precise spot drilling. Outstanding, rapid transport of drilling dust. Special surface treatment. **Not suitable for hammer drilling.** For rotary drilling only!

Suitable for drilling wood, metal, plastic, brick, masonry, and tiles, as well as for universal use.



size D x L1 (mm)	article number
4 x 75	020352004000
5 x 85	020352005000
6 x 100	020352006000
8 x 120	020352008000
10 x 120	020352010000
12 x 150	020352012000

size D x L1 (mm)	article number
6 x 200	020352106000
8 x 260	020352108000
10 x 260	020352110000
12 x 260	020352112000

Packing unit: 1 pc / EV-Pack



6 pcs set in plastic case	
content D (mm)	article number
4 5 6 8 10 12	020352000006

DRILL CHUCK AND ACCESSORIES



article	size	article number
① key-type drill chuck	D 1,5-13,0 mm, 1/2"-20 UNF	02037290000
② basic quick lock drill chuck for cordless screwdrivers 3/8" (small thread)	D 1,0-10,0 mm, 3/8"-24 UNF	02037293000
③ basic quick lock drill chuck	D -2,0-13,0 mm, 1/2"-20 UNF	02037292000
④ profi quick lock drill chuck	D 2,0-13,0 mm, 1/2"-20 UNF	02037292100
⑤ premium quick lock drill chuck (metal)	D 1,5-13,0 mm, 1/2"-20 UNF	02037292200
⑥ stationary drill machine chuck	D 1,0-13,0 mm, 1/2"-20 UNF	020372910001
⑦ stationary drill machine chuck	D 1,0-16,0 mm, B16	020372910002

SDS Plus drill chuck adapter with screw



size	article number
1,2" - 20 UNF	02036960000

Drill chuck drill key



size	article number
13 mm	020372900050

SDS Max adapter

Adaptor for SDS Max machines, specifically for use with SDS Plus drill bits.
(Not suitable for chisels.)



length (mm)	article number
200	020369663630

HAMMER DRILL BITS

ABRABORO® SDS Plus TWIXX hammer drill bits

Special carbide drill tip, combined with the optimized carbide cutting edge ensure fast drilling performance. Long service life and low probability of breaking are guaranteed due to the blast hardening technique applied during the production process. The Twinmax 3D spiral ensures highly effective drilling dust transport and minimal dust explosion even in deep holes.

Suitable for concrete, sand-lime brick, clinker, marble, brickwork, stone.



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size D x L1/L2 (mm)	article number	Profi-Pack 10 pcs / X-Pack article number	Big Box 50 pcs / X-Pack article number	size D x L1/L2 (mm)	article number
4 x 110/50	020300002352			12 x 1000/950	020362912003
4 x 160/100	020300002396			12 x 1400/1350	020362912004
5 x 110/50	020300002301	020300000001		14 x 160/100	020300002326
5 x 160/100	020300002395			14 x 200/150	020300002360
5 x 210/150	020300002392			14 x 250/200	020300002327
5,5 x 110/50	020300002302			14 x 300/250	020300002361
5,5 x 160/100	020300002303			14 x 450/400	020300002379
6 x 110/50	020300002304	020300000002	020300000018	14 x 600/550	020300002328
6 x 160/100	020300002305	020300000004	020300000019	14 x 1000/950	020362914003
6 x 210/150	020300002364	020300000010		14 x 1400/1350	020362914005
6 x 260/200	020300002307			15 x 160/100	020300002329
6 x 310/250	020300002381			15 x 200/150	020300002366
6 x 350/300	020360806000			15 x 250/200	020300002330
6 x 460/400	020360806001			15 x 450/400	020300002331
6 x 600/550	020360806002			16 x 160/100	020300002372
6,5 x 160/100	020300002362			16 x 200/150	020300002332
6,5 x 210/150	020300002365			16 x 250/200	020300002335
6,5 x 260/200	020300002367			16 x 300/250	020300002353
6,5 x 310/250	020300002369			16 x 450/400	020300002333
7 x 110/50	020300002308			16 x 600/550	020300002334
7 x 160/100	020300002309			16 x 800/750	020362816003
7 x 210/150	020300002300			16 x 1000/950	020362916003
8 x 110/50	020300002310	020300000003		16 x 1400/1350	020362914004
8 x 160/100	020300002311	020300000005	020300000020	18 x 200/150	020300002336
8 x 210/150	020300002312	020300000007		18 x 250/200	020300002337
8 x 260/200	020300002356	020300000011		18 x 300/250	020300002394
8 x 310/250	020300002313			18 x 450/400	020300002354
8 x 360/300	020360808001			18 x 600/550	020362618000
8 x 460/400	020300002398			18 x 1000/950	020362918003
8 x 600/550	020362608000			20 x 200/150	020300002339
10 x 110/50	020300002314			20 x 250/200	020300002380
10 x 160/100	020300002315	020300000006	020300000021	20 x 300/250	020300002355
10 x 210/150	020300002357	020300000008		20 x 450/400	020300002340
10 x 260/200	020300002316	020300000013		20 x 600/550	020362620003
10 x 310/250	020300002393			20 x 1000/950	020362920000
10 x 350/300	020360810000			22 x 250/200	020300002341
10 x 460/400	020300002317			22 x 450/400	020300002342
10 x 600/550	020300002363			22 x 600/550	020362622003
10 x 1000/950	020362910003			22 x 800/750	020362822003
10 x 1400/1350	020362910004			22 x 1000/950	020362922003
12 x 160/100	020300002320	020300000014 / 8 pcs		24 x 250/200	020300002345
12 x 210/150	020300002359	020300000009 / 8 pcs		24 x 450/400	020300002346
12 x 260/200	020300002321	020300000015 / 8 pcs		25 x 250/200	020300002347
12 x 310/250	020360712000			25 x 450/400	020300002348
12 x 450/400	020300002322			25 x 1000/950	020362925003
12 x 600/550	020300002323			26 x 250/200	020300002349
				26 x 450/400	020300002350

Packing unit:

1 pc / EURO-hanger

Profi-Pack: 10 pcs / pack

HAMMER DRILL BITS

ABRABORO® SDS Plus FORTY hammer drill bits

Optimised head design and Twinmax 3D flute for efficient dust removal and quick drilling.
Extremely robust head for long life. 4 carbide cutting edges and center head for precisely round holes. HST hardened to ensure a long service life and avoid breakage.
Comfortable, low-vibration drilling. Quick drilling in concrete and reinforced concrete.
Suitable for concrete, sand-lime brick, clinker, marble, brickwork, stone.

BREAKTHROUGH



size D x L1/L2 (mm)	article number	Profi-Pack 10 pcs / X-Pack article number	size D x L1/L2 (mm)	article number
5 x 110/50	020300004001		12 x 160/100	020300004020
NEW 5 x 160/100	020300004056		12 x 210/150	020300004021
6 x 110/50	020300004002	020300004101	12 x 260/200	020300004022
6 x 160/100	020300004003	020300004102	12 x 310/250	020300004023
6 x 210/150	020300004004	020300004103	12 x 450/400	020300004024
6 x 260/200	020300004005		12 x 600/550	020300004025
NEW 6 x 310/250	020300004057		12,0 x 1000/950	020300004052
NEW 6 x 350/30	020300004058		14 x 160/100	020300004026
NEW 6 x 450/400	020300004059		14 x 200/150	020300004027
NEW 6 x 600/550	020300004060		14 x 250/200	020300004028
NEW 6,5 x 160/110	020300004061		14 x 300/250	020300004029
6,5 x 210/150	020300004006		14 x 450/400	020300004030
6,5 x 260/200	020300004007		14 x 600/550	020300004031
NEW 6,5 x 310/260	020300004062		14,0 x 1000/950	020300004054
7 x 210/150	020300004008		16 x 200/150	020300004032
8 x 110/50	020300004009		16 x 250/200	020300004033
8 x 160/100	020300004010	020300004104	16 x 300/250	020300004034
8 x 210/150	020300004011	020300004105	16 x 450/400	020300004035
8 x 260/200	020300004012	020300004106	16 x 600/550	020300004036
8 x 310/250	020300004013		16,0 x 1000/950	020300004053
NEW 8 x 360/300	020300004063		18,0 x 250/200	020300004055
8 x 460/400	020300004014		18,0 x 300/250	020300004038
NEW 8 x 600/550	020300004064		18,0 x 450/400	020300004039
NEW 8 x 1000/950	020300004065		18,0 x 600/550	020300004040
10 x 110/50	020300004037		20,0 x 250/200	020300004041
10 x 160/100	020300004015	020300004107	20,0 x 300/250	020300004042
10 x 210/150	020300004016	020300004108	20,0 x 450/400	020300004043
10 x 260/200	020300004017	020300004109	20,0 x 600/550	020300004044
10 x 310/250	020300004018		22,0 x 250/200	020300004045
NEW 10 x 350/300	020300004066		22,0 x 450/400	020300004046
10 x 460/400	020300004019		24,0 x 250/200	020300004047
NEW 10 x 600/550	020300004067		24,0 x 450/400	020300004048
10 x 1000/950	020300004051		25,0 x 250/200	020300004049
			25,0 x 450/400	020300004050

Packing unit:

1 pc / EURO-hanger

Profi-Pack: 10 pcs / pack

HAMMER DRILL BITS

ABRABORO® SDS Plus TRINITY concrete drills

The new dimension of hammer drilling: **POWERFUL, FAST, DURABLE**

Exceptional drilling performance in high-hardness concrete, prestressed concrete, reinforced concrete, asphalt, regular concrete, sand-lime bricks, clinker, marble, masonry and natural stone.

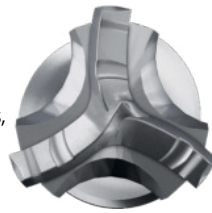
Provides good drilling performance even in granite.

Specifically recommended for **reinforced concrete**.

- ✓ impeller cutting edge with 3 blades for more effective material removal
- ✓ increased power transmission when drilling due to shaftform head design
- ✓ long service life thanks to extremely wear-resistant singlephase tungsten carbide alloy
- ✓ robust head geometry thanks to embedded tungsten carbide head – will withstand multi impacts with reinforcement
- ✓ extremely fast removal of dust without blow-out due to wide spiral form
- ✓ optimised low-vibration triple spiral



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size D x L1/L2 (mm)	article number
5 x 110/50	020300002743
6 x 110/50	020300002744
6 x 160/100	020300002745
6 x 210/150	020300002746
8 x 110/150	020300002753
8 x 160/100	020300002754
8 x 210/150	020300002755
8 x 260/200	020300002756
8 x 310/250	020300002757
8 x 460/400	020300002758
10 x 160/100	020300002760
10 x 210/150	020300002761
10 x 260/200	020300002762
10 x 310/250	020300002763
10 x 460/400	020300002764
12 x 160/100	020300002766
12 x 210/150	020300002767
12 x 260/200	020300002768
12 x 310/250	020300002769
12 x 450/400	020300002770
14 x 200/150	020300002773
14 x 300/250	020300002775
14 x 450/400	020300002776
16 x 200/150	020300002778
16 x 300/250	020300002780
16 x 450/400	020300002781

Packing unit: 1 pc / EURO-hanger

ABRABORO® SDS Plus concrete drills with Y-cutting edge

The unique Y- head geometry ensures precision drill holes and exceptional low vibration.

Suitable for concrete, stone, brick-work, marble and clinker.

- ✓ high drilling speed
- ✓ long service life and low probability of breakage
- ✓ optimal ergonomics – reduces stress on joints and muscles



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size D x L1/L2 (mm)	article number
16 x 450/400	020300002401
18 x 450/400	020300002402
20 x 450/400	020300002403
22 x 450/400	020300002404
24 x 450/400	020300002405
25 x 450/400	020300002406
28 x 450/400	020300002383
30 x 450/400	020300002384

Packing unit: 1 pc / EURO-hanger



HAMMER DRILL BITS

MULTI - universal drill with SDS Plus shank

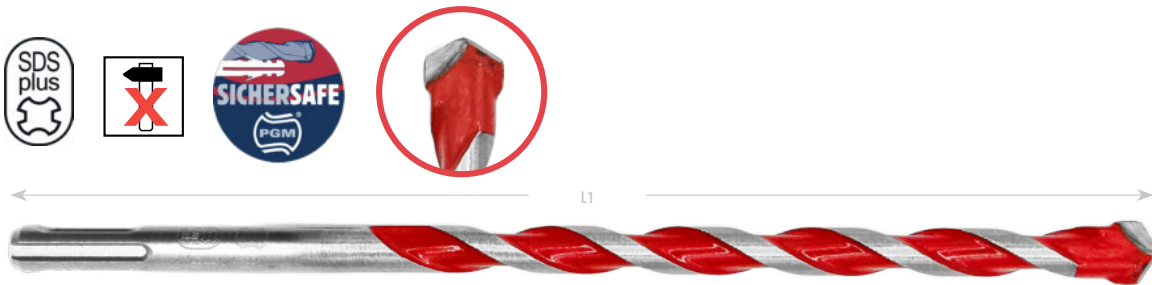
The MULTI universal drills can penetrate virtually any material. Extra-sharp, specially ground tungsten carbide cutting edges on all sides. Clean, precise holes even when drilling into different materials. Break-resistant drilling in hollow bricks. Extremely accurate spot drilling with excellent, fast debris removal. Special surface treatment. Certified by PGM.

Not suitable for hammer drills.

Suitable for wood, metal, plastic, brick, masonry and tile drilling, universal use.

size D x L1 (mm)	article number
6 x 310	020352206000
6,5 x 310	020352206500
8 x 310	020352208000
8 x 350	020352208001
10 x 310	020352010001

Packing unit: 1 pc / EV-Pack



SDS Plus drill bit with depth stop

Drilling depth is always precisely 33 mm, preventing damage to components like heating pipes. The constant cutting depth also enables quick anchoring in ceilings.

Suitable for creating holes in concrete and reinforced concrete for internal threaded sleeves.

size D x L1 (mm)	length (mm)	article number
6 x 33	110	020300006901
10 x 33	110	020300006902

Packing unit: 1 pc / EURO-hanger



SDS Plus core drill bits and accessories

High quality TCT blades. Robust design ensures long service life. Complete set with SDS Plus adapter and pilot drill bit.

Suitable for concrete, stone and brickwork.

size D (mm)	length (mm)	HM fogak száma	article number
66	50	6	020372206600
80	50	6	020372208200
100	50	6	020372201000

Packing unit: 1 pc / EURO-hanger



Accessories



article, size	article number
SDS Plus adapter, M 22 x 110 mm	020372200001
SDS Plus adapter, M 22 x 300 mm	020372200002
hexagon adapter, M 22 x 100 mm	020372100001
pilot drill bit, D 8,0 x 120 mm, M 22	020372808001

Packing unit: 1 pc / EURO-hanger

HAMMER DRILL BITS

CLEAN EXPERT

The specialist for dust free drilling

Dust free drilling is no longer impossible!

The clean expert hammer drill bit can be connected to any vacuum cleaner to ensure a dust free drilling experience. Can remove up to 98% of dust that develops during the drilling process.

- ✓ robust drill
- ✓ quick, easy and clean drilling into bricks, walls and concrete
- ✓ highly recommended for indoor drilling

CLEAN EXPERT hammer drill bits with SDS Plus shank

size D x L1 / L2 (mm)	article number
6 x 220/100	020300003060
8 x 220/100	020300003080
10 x 220/100	020300003100
10 x 270/150	020300003101
12 x 320/200	020300003120
14 x 370/250	020300003140
16 x 370/250	020300003160
18 x 370/250	020300003180



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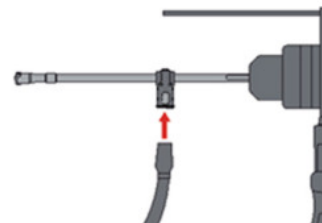
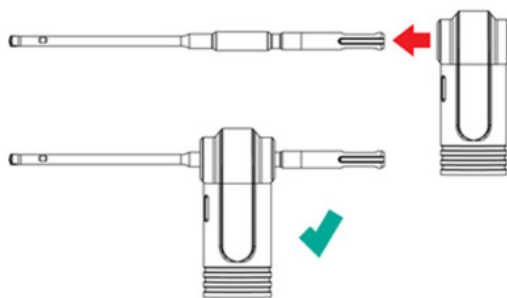
Adapter for CLEAN EXPERT hammer drill bit

length (mm)	range D (mm)	article number
100	6-10	020300003120
100	12-18	020300003129



EASY APPLICATION:

1. Pull the adapter on the drill and connect it to the vacuum cleaner



2. 98% of the drill dust is immediately removed when produced at the tip of the drill



Dust buildup using our CLEAN EXPERT

Dust buildup using other SDS Plus drill bit

MASONRY AND CONCRETE DRILL BIT SETS

Sets

type	size D (mm)	article number
① 5 pcs hammer drill bits set, standard (in plastic case)	4,0 5,0 6,0 8,0 10,0	020315010540
② 5 pcs diamant EVO2 hammer drill bits set (in plastic case)	4,0 5,0 6,0 8,0 10,0	020315080540
③ 5 pcs masonry drill bits set (in plastic case)	4,0 5,0 6,0 8,0 10,0	020315000540
④ 8 pcs Diamond EVO2 hammer drill bit set (in plastic case)	3,0 4,0 5,0 6,0 7,0 8,0 9,0 10,0	020315080713
⑤ 18 pcs MASTER-MIX drill bit set (in metal case)	6 x HSS-R DIN 338 metal drill bits 3,0 4,0 5,0 6,0 8,0 10,0 6 x short wood drill bits CV 3,0 4,0 5,0 6,0 8,0 10,0 6 x hammer drill bits 3,0 4,0 5,0 6,0 8,0 10,0	020317571830
⑥ 7 pcs SDS Plus FORTY hammer drill bit set (in plastic case)	5 x 110/50 6 x 110/50 8 x 110/50 6 x 160/100 8 x 160/100 10 x 160/100 12 x 160/100	020316990444
⑦ 7 pcs SDS Plus TWIXX hammer drill bit set (in plastic case)	5 x 110/50, 6 x 110/50, 8 x 110/50, 6 x 160/100, 8 x 160/100, 10 x 160/100 12 x 160/100	020316990442
⑧ 7 pcs SDS Plus TRINITY hammer drill bit set (in plastic case)	5 x 110/50 6 x 110/50 8 x 110/50 6 x 160/100 8 x 160/100 10 x 160/100 12 x 160/100	020316990443
⑨ 9 pcs MIX-SET drill bit set (metal/wood/stone drill bit, in plastic case)	3 x HSS-R DIN 338 metal drill bits 5,0 6,0 8,0 3 x short wood drill bits CV 5,0 6,0 8,0 3 x masonry drill bits 5,0 6,0 8,0	020317570930



HAMMER DRILL BITS

Super Quick SDS Max core bit

Hammer core bit for effective penetration.

- high drilling speed
- enhanced removal of due alternating high quality TCT blades
- extremely robust design ensures long lifetime
- effective penetration even in reinforced concrete

Suitable for laying pipes through concrete, gas concrete, sand-lime brick, clinker, brickwork, aerated concrete and stone.

Complete with interchangeable pilot drill bit.



size D x L1 (mm)	article number
50 x 550	020373400050
68 x 550	020373400068
80 x 550	020373400080
90 x 550	020373400090
100 x 550	020373400100

Packing unit: 1 pc / plastic tube



Pilot drill bit for SDS Max core bit



size D x L1 (mm)	article number
12 x 128	020373400000

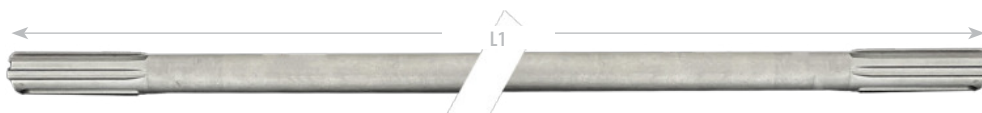
SDS Max extension shank

Extension shank with SDS MAX connection.

Attach one end to the adapter and the other end to the machine shank.

size D x L1 (mm)	article number
18 x 320	020368183200
18 x 750	020368187500
18 x 1100	020368181100

Packing unit: 1 pc / EURO-hanger



DRILL MACHINE

SDS MAX EXTENSION SHANK

SDS MAX ADAPTER

SDS MAX DRILL BIT



SDS Max adapter

For connecting SDS Max drill bit and extension shank.

Suitable for hammer drilling.



size D x L (mm)	article number
30 x 190	020368030190



HAMMER DRILL BITS

ABRABORO® SDS Max Y-Cutter hammer drill bits

The three-dimensional, carbide-tipped Y-shaped cutting profile allows for precise positioning and ideal pilot hole drilling. The unique Twinmax spiral ensures fast chip removal and efficient drilling. Low vibration and user-friendly drilling.

Suitable for excellent drilling performance in rock, brick, concrete, reinforced concrete and clinker.



* 2 cutting blades
D 12 - D 15 mm



** 3 cutting blades
D 16 mm



Y-cutter
from D 18 mm



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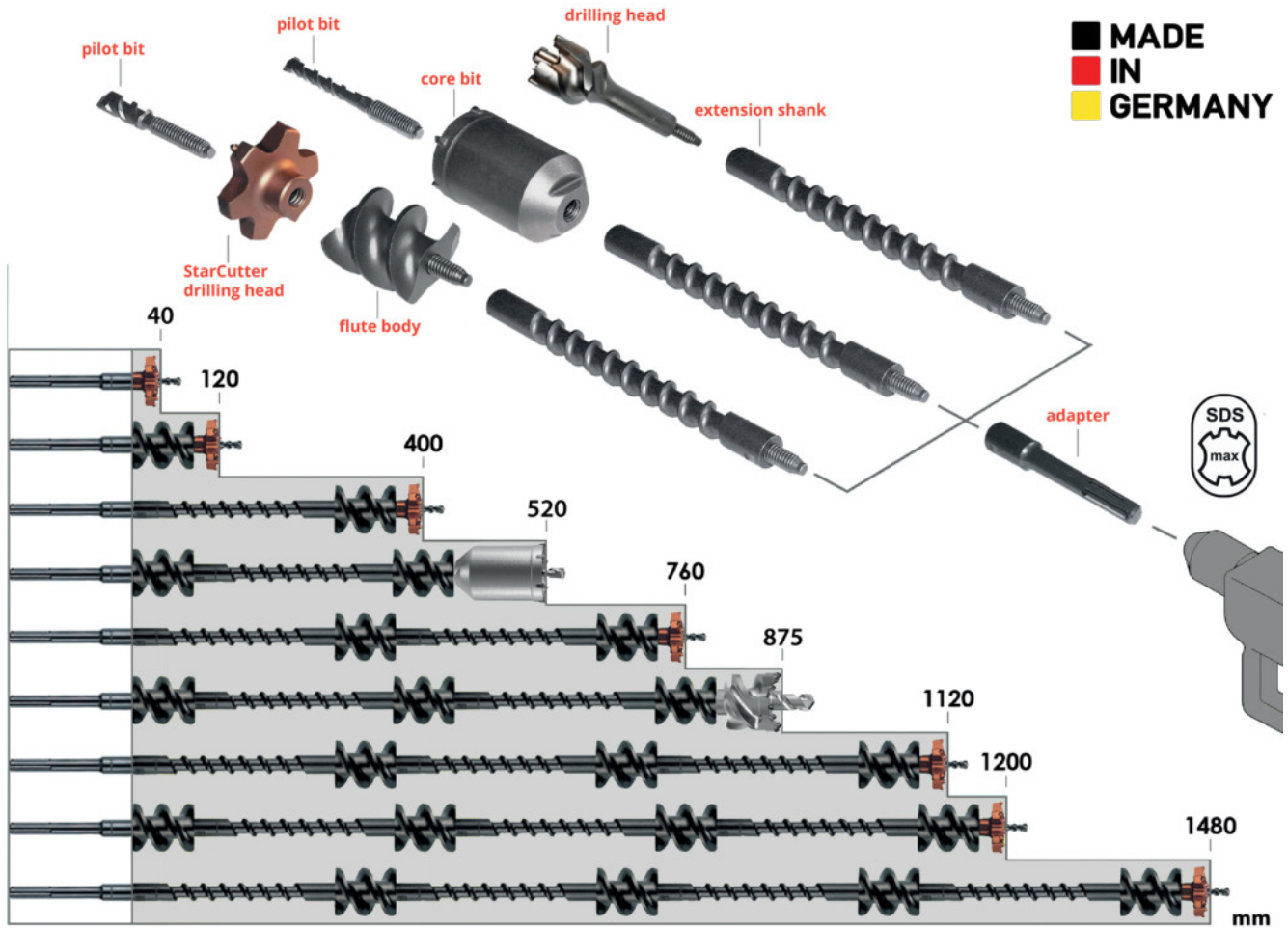
size D x L1 / L2 (mm)	article number
12 x 340/200*	020367612003
12 x 540/400*	020367912003
12 x 740/600*	020368212000
14 x 340/200*	020367614000
14 x 540/400*	020367914003
15 x 340/200*	020367615000
15 x 540/400*	020367915003
16 x 340/200**	020367616000
16 x 540/400**	020367916003
16 x 740/600**	020368216000
16 x 940/800**	020368320000
16 x 1340/800**	020368495161
18 x 340/200	020367618000
18 x 540/400	020367918003
18 x 740/600	020368218000
18 x 940/800	020368320001
20 x 320/200	020367520003
20 x 520/400	020367820003
20 x 720/600	020368220000
20 x 920/800	020368320003
22 x 320/200	020367522003
22 x 520/400	020367822003
22 x 720/600	020368222000
22 x 920/800	020368322003
22 x 1320/800	020368495221
24 x 320/200	020367524003
24 x 520/400	020367824003
25 x 320/200	020367525003
25 x 520/400	020367825003
25 x 720/600	020368225000
25 x 920/800	020368325003
25 x 1320/800	020368495251
26 x 320/200	020367726003
26 x 520/400	020367826003
28 x 320/200	020367728003
28 x 520/400	020368028003
28 x 720/600	020368128003
28 x 920/800	020368328003
30 x 320/200	020367730000
30 x 520/400	020368030003
30 x 720/600	020368230000

size D x L1 / L2 (mm)	article number
32 x 320/200	020367732003
32 x 520/400	020368032003
32 x 720/600	020368232000
32 x 920/800	020368332003
32 x 1320/800	020368495321
35 x 320/200	020367763503
35 x 520/400	020368035003
35 x 720/600	020368135003
38 x 320/200	020367738003
38 x 520/400	020368038003
38 x 720/600	020368238000
40 x 320/200	020367740003
40 x 520/400	020368040003
40 x 720/600	020368240000
40 x 920/800	020368340003
40 x 1320/800	020368495401
45 x 520/400	020368045000
50 x 520/400	020368050000

Packing unit: 1 pc / EURO-hanger

HAMMER DRILL BITS

RATiO drilling system



StarCutter RATiO drilling head

Excellent drilling performance and long service life thanks to the use of high-alloy special steel.

Suitable for concrete, brickwork, granite, marble, clinker and stone.

width = working length: 40 mm



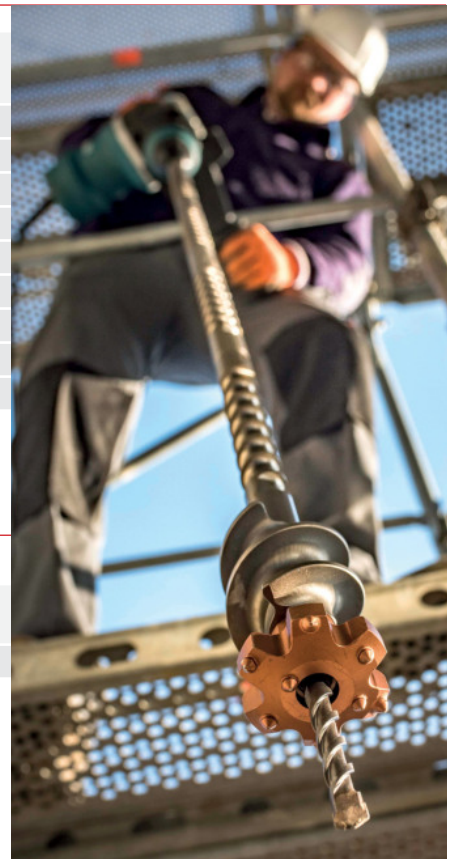
size D (mm)	article number
35	020368503500
42	020368504200
52	020368505200
65	020368506500
80	020368508000
90	020368509000
100	020368510000
110	020368511000
125	020368512500

Packing unit: 1 pc / plastic tube

RATiO StarCutter pilot bit



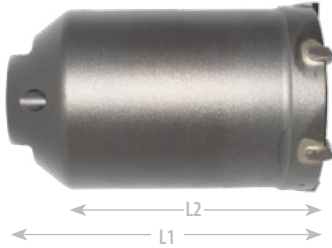
size D x L1/L2 (mm)	article number
18 x 125/50	020368810000



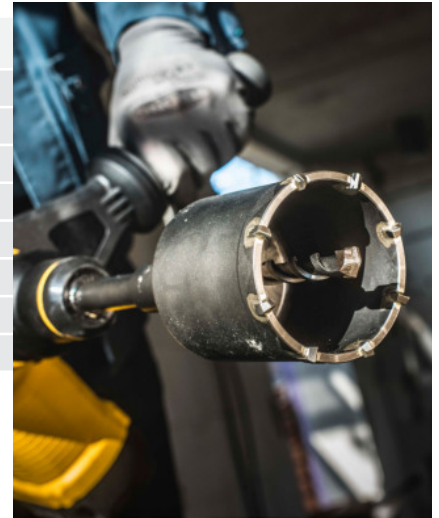
HAMMER DRILL BITS

RATiO Quick core bit

Fast, precise drilling in concrete, reinforced concrete, masonry, marble and clinker.
(Can only be used with the center drill with article number 020368910230!)



size D x L1/L2 (mm)	article number
50 x 105/80	020368950000
65 x 105/80	020368965000
68 x 105/80	020368968000
80 x 105/80	020368980000
90 x 105/80	020368990000
100 x 105/80	020368991000
125 x 105/80	020368991250
150 x 105/80	020368915000



RATiO Quick pilot bit



size D x L1 (mm)	article number
12 x 155	020368910230

RATiO flute body

working length: 80 mm



size D (mm)	article number
32 (for StarCutter head D 35-42)	020368603200
47 (for StarCutter head D 52)	020368604700
63 (for StarCutter head D 65)	020368606300
78 (for StarCutter head D 80-150)	020368607800

Packing unit: 1 pc / plastic tube

RATiO extension shank

(D 25 mm)



size length (L1/L2 mm)	article number
320/280	020368702500

RATiO CoreCutter drilling head

High performance and long lifespan thanks to the special steel.
Drilling depth: 75 mm.



size D (mm)	article number
50	020368705000
55	020368705500
60	020368706000
68	020368706800
80	020368708000

Packing unit: 1 pc / plastic tube

RATiO SDS Max adapter



length (mm)	article number
185	020368900000
400	020368900400
975	020368900975

RATiO SDS Plus adapter



length (mm)	article number
108	020369663631

Use is only recommended for drill bits with a shank diameter of 25 mm or smaller.

CHISELS

SDS Plus chisels

Manufactured from superior quality steel.
Special hardened cutting edge for long service life.
Suitable for concrete, brickwork and stone.



article	length (mm)	width (mm)	article number
flat chisel	250	20	020363100000
pointed chisel	250		020363000000
hollow gouge chise	250	22	020363300000
wide scaling chisel	250	40	020363200000
wide scaling chisel, bended	250	40	020363210000
extra wide chisel	165	75	020363600000
extra wide chisel, bended	165	75	020363610000
channel chisel	250	22	020363400000
slotting chisel	250	27	020363510000
slotted chisel TCT	200	32	020363500000

Packing unit: 1 pc

SDS Plus chisel sets

With practical, hangable plastic case.



article	article number
4 pcs chisel set - flat	020363100004
4 pcs chisel set - pointed	020363000004
4 pcs chisel set - 2 x flat 2 x pointed	020363000005
3 pcs chisel set - 1 x flat 1 x pointed 1 x wide scaling	020363000006

CHISELS

SDS Max chisels

Manufactured from superior quality steel. Special hardened cutting edge for long service life.
Suitable for concrete, brickwork and stone.



article	length (mm)	width (mm)	article number
flat chisel	280	25	020364600030
	400	25	020364600040
	600	25	020364600070
pointed chisel	280		020364600010
	400		020364600020
	600		020364600110
hollow gouge chisel	300	25	020364600100
wide scaling chisel	400	50	020364600050
wide chisel, bended	400	50	020364600060
extra wide chisel	300	75	020364600061
extra wide chisel, bended	300	75	020364600062
extrem wide chisel	350	115	020364600063
channel chisel	300	33	020364600140
slotting chisel	300	32	020364600090
slotted chisel TCT	280	35	020364600091
pointed chisel	550	135	020364600120
mortal chisel	300	27	020364600130
asphalt chisel	500	125	020364600150

floor scraper, complete	280	150	020364610020
blade	400	17	020364610010
shank	170	150	020364610030
repair kit	18 pcs		020364610040

Packing unit: 1 pc

SDS Max chisel sets

With practical, hangable plastic case.



article	article number
3 pcs chisel set - 1 x flat 1 x pointed 1 x wide scaling	020364000006

SDS Max bushing tool



size (mm)	number of teeth	article number
45 x 45 x 240	16	020364645453

TILE DRILL BITS

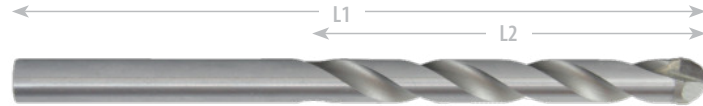
POWERCUT drill bit



Made in Japan

Professional quality cylindrical shank drill with a special drill tip geometry.
Suitable for drilling ceramic tiles, terracotta, tiles and porcelain.

Use at low RPM range with proper cooling.



size D x L1/L2 (mm)	article number
4 x 85/50	020351600040
5 x 85/50	020351600050
6 x 100/65	020351600060
8 x 125/75	020351600080
10 x 150/90	020351600100

Packing unit: 1 pc / EV-Pack

Cylindrical shank glass drill bit

Drill bit with a lance-shaped tip made of carbide, resharpenable.

Suitable for drilling glass, tiles, ceramics, mirrors and porcelain.

Use at low RPM range with proper cooling.



size D x L1 (mm)	article number
3 x 70	020351303000
4 x 75	020351304000
5 x 80	020351305000
6 x 85	020351306000
8 x 90	020351308000
10 x 100	020351310000
12 x 110	020351312000

Packing unit: 1 pc / EV-Pack

4 pcs glass drill bit set



content D (mm)	article number
4 5 6 8	020351300004

4POWER glass drill bit, E 6,3 shank

Premium glass drill bit with 4 cutting edges.

Suitable for drilling glass, tiles, ceramics, mirrors and porcelain.

Use at low RPM range with proper cooling.



size D x L1 (mm)	article number
5 x 80	020351900500
6 x 85	020351900600
8 x 90	020351900800
10 x 100	020351901000

Packing unit: 1 pc / EV-Pack

Drill guide for tile drilling

With vacuum fixation, suitable for use on grease-free glossy surfaces.



size D (mm)	article number
4 6 8 10 12	020351500001

WOOD DRILL BITS



WOOD DRILL BITS

Wood drill bit CV, short

Manufactured from chrome-vanadium (CV) steel.
Accurate and clean drilling thanks to ground center point and two shouldered cutting edges.
With cylindrical shank, up to 11 mm with reduced shank.
Suitable for hard wood, soft wood, chipboard, veneered wood, beam.

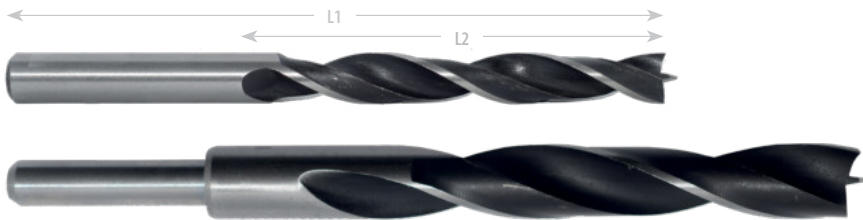
Not suitable for hammer drills!



size D x L1/L2 (mm)	article number
3,0 x 61/33	020380003000
4,0 x 75/43	020380004000
5,0 x 86/52	020380005000
6,0 x 93/57	020380006000
7,0 x 109/69	020380007000
8,0 x 117/75	020380008000
9,0 x 120/81	020380009000

size D x L1/L2 (mm)	article number
10,0 x 133/87	020380010000
11,0 x 142/89	020380011000
12,0 x 151/96	020380012000
13,0 x 151/96	020380013000
14,0 x 151/96	020380014000
15,0 x 160/100	020380015000
16,0 x 160/100	020380016000
18,0 x 180/120	020380018000
20,0 x 200/130	020380020000

Packing unit: 1 pc / EV-Pack



Wood drill bit CV, 250 mm long

Manufactured from chrome-vanadium (CV) steel.
Accurate and clean drilling thanks to ground center point and two shouldered cutting edges.
With cylindrical shank. **Suitable for** hard wood, soft wood, chipboard, veneered wood, beam.

Not suitable for hammer drills!



size D x L1/L2 (mm)	article number
6,0 x 250/200	020380110600
8,0 x 250/200	020380110800
10,0 x 250/200	020380111000
12,0 x 250/200	020380111200

Packing unit: 1 pc / plastic tube



HSS long wood drill bit

Premium quality long wood drill from HSS steel.
The long shaft improves the cutting speed, precision and quality when drilling hard and exotic wood, too.

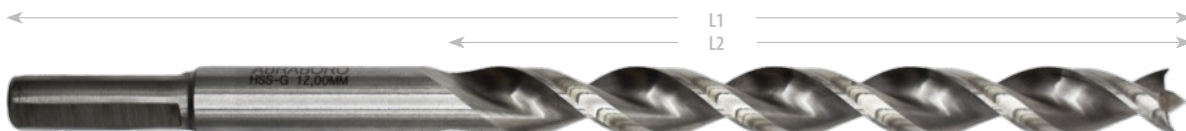
Not suitable for hammer drills!

from D 5 mm with hexagonal shank



size D x L1/L2 (mm)	article number
3,0 x 100/61	020381003000
4,0 x 119/75	020381004000
5,0 x 132/86	020381005000
6,0 x 139/93	020381006000
8,0 x 165/117	020381008000
10,0 x 184/133	020381010000
12,0 x 205/151	020381012000

Packing unit: 1 pc / EV-Pack



WOOD DRILL BITS

Auger drill bit, CV

Manufactured from chrome-vanadium (CV) steel. Selffeed screw point for extremely accurate drilling. Hardened cutter and major cutting edge ensures long service life. Fast advance thanks to the extra sharp cutting lip. LEWIS flute for rapid chip removal. With hexagonal shank.

Suitable for hard wood, soft wood, beam.

Available lengths (L1/L2):

230/155 mm

460/385 mm

600/530 mm

Not suitable for hammer drills!



size D (mm)	L1/L2: 230/155 mm article number	L1/L2: 460/385 mm article number	L1/L2: 600/530 mm article number
3,0	020383303000		
4,0	020383304000		
5,0	020383305000		
6,0	020383306000	020383406000	
8,0	020383308000	020383408000	020383508000
10,0	020383310000	020383410000	020383510000
12,0	020383312000	020383412000	020383512000
14,0	020383314000	020383414000	020383514000
16,0	020383316000	020383416000	020383516000
18,0	020383318000	020383418000	020383518000
20,0	020383320000	020383420000	020383520000
22,0	020383322000	020383422000	020383522000
24,0	020383324000	020383424000	020383524000
26,0	020383326000	020383426000	020383526000
28,0	020383328000	020383428000	020383528000
30,0	020383330000	020383430000	020383530000
32,0	020383332000	020383432000	020383532000

Packing unit: 1 pc / plastic tube



Auger drill bit CV with SDS Plus shank

Manufactured from chrome-vanadium (CV) steel. Selffeed screw point for extremely accurate drilling. Hardened cutter and major cutting edge ensures long service life. Fast advance thanks to the extra sharp cutting lip. LEWIS-flute for rapid chip removal.

Suitable for hard wood, soft wood, beam.

Available lengths (L1/L2):

230/155 mm

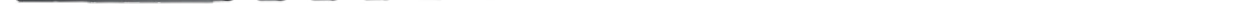
450/385 mm

Not suitable for hammer drills!



size D (mm)	L1/L2: 230/155 mm article number	L1/L2: 450/385 mm article number
6,0	020383706000	
8,0	020383708000	
10,0	020383710000	020383810000
12,0	020383712000	020383812000
14,0	020383714000	020383814000
16,0	020383716000	020383816000
18,0	020383718000	020383818000
20,0	020383720000	020383820000
22,0	020383722000	

Packing unit: 1 pc / plastic tube



HSS form work drill bit

Spiral drill bit made of hardened high-speed steel with extended shank and 118° conical ground drill tip, manufactured according to DIN 7490. Compatible with all drills featuring a 13 mm chuck.

Suitable for construction, interior design, water, sewer and heating installations in hardwood, softwood and lightweight construction materials.

Available lengths (L1):

400 mm

600 mm

size D x L1/L2 (mm)	size D x L1/L2 (mm)	size D x L1/L2 (mm)	article number
6,0 x 400/57	020384006000	6,0 x 600/57	020386006000
8,0 x 400/75	020384008000	8,0 x 600/75	020386008000
10,0 x 400/87	020384010000	10,0 x 600/87	020386010000
12,0 x 400/101	020384012000	12,0 x 600/101	020386012000
14,0 x 400/108	020384014000	14,0 x 600/108	020386014000
16,0 x 400/100	020384016000	16,0 x 600/100	020386016000
18,0 x 400/100	020384018000	18,0 x 600/100	020386018000
20,0 x 400/100	020384020000	20,0 x 600/100	020386020000
22,0 x 400/100	020384022000	22,0 x 600/100	020386022000

Packing unit: 1 pc / plastic tube



WOOD DRILL BITS

Flat wood bit E 6,3

Ground point and cutting edges. Shank: E 6,3 hexagon.

Suitable for hard wood, soft wood, chipboard, plasterboard.

Also compatible with cordless drills featuring a hex bit holder.



size D (mm)	length: 155 mm article number	size D (mm)	length: 155 mm article number
NEW 6,0	020380606000	22,0	020380622000
8,0	020380608000	24,0	020380624000
10,0	020380610000	25,0	020380625000
12,0	020380612000	26,0	020380626000
13,0	020380613000	28,0	020380628000
14,0	020380614000	30,0	020380630000
NEW 15,0	020380615000	32,0	020380632000
16,0	020380616000	NEW 35,0	020380635000
NEW 17,0	020380617000	36,0	020380636000
18,0	020380618000	38,0	020380638000
19,0	020380619000	NEW 40,0	020380640000
20,0	020380620000		

Packing unit: 1 pc / EV-Pack

Extension shank for flat wood bit



length (mm)	article number
270	020380702700

HSS adjustable wood countersink 90°

Drilling and countersink in wood in one operation. Can also be used as a drilling depth stop. 5 cutting edges, angle 90°.

With hexagon key



size D (mm)	article number
3,0	020380100300
4,0	020380100400
5,0	020380100500
6,0	020380100600
8,0	020380100800
10,0	020380101000

Packing unit: 1 pc / plastic tube

HSS-TiN milling drill

Long life, TiN-coated tool with straight shank for milling any type of contour in different materials.

Suitable for sheet metal, wood and plastic.

size D x length (mm)	article number
6,0 x 90	020348706000

Packing unit: 1 pc / EV-Pack



NEW Carbide planer blade



size (mm)	article number
82 x 5,5 x 1,1	020382000020

Packing unit: 2 pcs / EV-Pack

Plug cutter DIN 7489

Precision ground inner and outer edges, for fill out knot-holes.

Suitable for hard wood, soft wood



size D D x L1 (mm)	outer size D (mm)	article number
10,0 x 140	21,0	020382910000
12,0 x 140	23,5	020382912000
15,0 x 140	26,5	020382915000
20,0 x 140	32,0	020382920000
25,0 x 140	36,0	020382925000
30,0 x 140	42,5	020382930000
35,0 x 140	46,0	020382935000
40,0 x 140	52,0	020382940000

Packing unit: 1 pc / plastic tube

WOOD DRILL BITS

Forstner drill bit

With centering tip and two cutting edges in accordance with DIN 7483. With cylindrical, reduced shank.
Suitable for soft and natural wood.



size D (mm)	total length (mm)	article number
10,0	90,0	020381510000
12,0	90,0	020381512000
14,0	90,0	020381514000
15,0	90,0	020381515000
16,0	90,0	020381516000
18,0	90,0	020381518000
20,0	90,0	020381520000
22,0	90,0	020381522000
24,0	90,0	020381524000

Packing unit: 1 pc / plastic tube

size D (mm)	total length (mm)	article number
25,0	90,0	020381525000
26,0	90,0	020381526000
28,0	90,0	020381528000
30,0	90,0	020381530000
32,0	90,0	020381532000
34,0	90,0	020381534000
35,0	90,0	020381535000
40,0	90,0	020381540000
45,0	90,0	020381545000
50,0	90,0	020381550000

TCT forstner drill bit

Professional quality carbide tipped drill bit in accordance with DIN 7483. With cylindrical, reduced shank. **Suitable for** hard wood, soft wood, exotic woods, resin bonded and plastic coated laminate, veneered wood sheet chipboard.



size D (mm)	article number
15,0	020382715000
16,0	020382716000
18,0	020382718000
20,0	020382720000
22,0	020382722000
24,0	020382724000

Packing unit: 1 pc / plastic tube

size D (mm)	article number
25,0	020382725000
26,0	020382726000
30,0	020382730000
35,0	020382735000
40,0	020382740000
45,0	020382745000
50,0	020382750000

Forstner drill bit, black wave premium

High quality forstner drill bit in accordance with DIN 7483G, with a small center point, 2 peripheral cutting edges, 2 lifters and reduced cylindrical shank. For drilling splinter-free, true to size blind holes, for edge drillings and slant drillings in softwood and hardwood. Easy and effortless cutting due to ideal cutting geometries.



size D (mm)	article number
15,0	020381615000
20,0	020381620000
25,0	020381625000
30,0	020381630000
35,0	020381635000

Packing unit: 1 pc / plastic tube

size D (mm)	article number
40,0	020381640000
45,0	020381645000
50,0	020381650000
55,0	020381655000
60,0	020381660000



Made in Austria



Hinge-cutter TCT

Professional hinge-cutter with TCT teeth and center tip. Precise, accurate drilling into hardwood, softwood, plastic coated surfaces and plexiglass.



size D x d x total length (mm)	article number
35,0 x 8,0 x 58,0	020389193500

Packing unit: 1 pc / plastic tube

Recommended for stationary drilling machines.

WOOD DRILL BIT SETS

Sets

type	size D (mm)	article number
① 5 pcs set of wood drills (in plastic case)	4,0 5,0 6,0 8,0 10,0	020318000540
② 8 pcs set of wood drills (in plastic case)	3,0 4,0 5,0 6,0 7,0 8,0 9,0 10,0	020318000580
③ 9 pcs MIX-SET drill bit set (metal/wood/stone drill bit, in plastic case)	3 x HSS-R DIN 338 metal drill bits 5.0 6.0 8.0 3 x wood drill bits 5.0 6.0 8.0 3 x masonry drill bits 5.0 6.0 8.0	020317570930
④ 9 pcs set of wood drill and countersink	4 x short wood drill bits CV 3.0 4.0 5.0 6.0 4 x countersink bits 3.0 4.0 5.0 6.0 1 x hex key	020380100090
⑤ 8 pcs flat wood spade drill bit set with E 6.3 shank (in plastic case)	10,0 12,0 14,0 16,0 18,0 20,0 22,0 25,0	020380600008
⑥ 8 pcs auger drill bit set	4 5 6 8 10 12 14 16	020383300008
⑦ 13 pcs wood drill bit set with depth stops	6 x wood drill bits 3 4 5 6 8 10 6 x depth stops 3 4 5 6 8 10 1 x hex key	020380010001
⑧ 5 pcs Forstner drill bit set (in wooden box)	15 20 25 30 35	020318150507
⑨ 5 pcs Forstner drill bit set with carbide tips (HM) (in wooden box)	15 20 25 30 35	020318270507
⑩ 8 pcs Forstner drill bit set (in plastic case)	15 20 25 30 35 40 45 50	020318150508
NEW ⑪ 8 pcs Forstner drill bit set with carbide tips (HM) (in plastic case)	15 20 25 30 35 40 45 50	020318270508
NEW ⑫ 8 pcs Forstner drill bit set Black Wave (in plastic case)	15 20 25 30 35 40 45 50	020381670508



①.



②.



③.



④.



⑤.



⑥.



⑦.



⑩-12.



⑧-9.

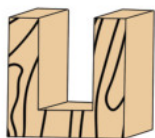
ROUTER BITS

Professional-quality, carbide woodworking router bits with d 8 mm shank.

Packing unit: 1 pc / plastic box

Straight Bit, TCT

With two carbide tipped cutting edges, for ground cutting. **Suitable** for soft wood, hard wood and laminated materials.



size D (mm)	total length (mm)	useful length (mm)	article number
3,0	47,0	11,0	020398222003
4,0	47,0	11,0	020398222004
5,0	47,0	11,0	020398222005
6,0	48,0	16,0	020398222006
8,0	51,0	20,0	020398222008
10,0	51,0	20,0	020398222010
12,0	51,0	20,0	020398222012
14,0	51,0	20,0	020398222014
16,0	51,0	20,0	020398222016
18,0	51,0	20,0	020398222018
20,0	51,0	20,0	020398222020
22,0	59,0	25,0	020398222022
24,0	43,5	11,5	020398222024
25,0	43,5	11,5	020398222025

Plunge Cutting Straight Bit, TCT

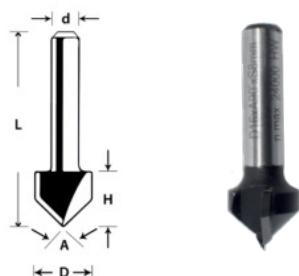
With two carbide cutting edges and a two-flute face. **Suitable** for hard and soft wood, laminated and highly abrasive materials such as Corian.



size D (mm)	total length (mm)	useful length (mm)	article number
3,0	49,0	6,0	020398212103
4,0	53,0	10,0	020398212104
5,0	57,0	12,0	020398212105
6,0	48,0	16,0	020398212106
8,0	51,0	20,0	020398212108
10,0	50,0	20,0	020398212110
12,0	50,0	20,0	020398212112

V-Groove Bit, TCT

With two angular placed edges for ground cutting. Teflon coated. **Suitable** for V-grooving and engraving in soft wood, hard wood and laminated materials.



size D (mm)	total length (mm)	useful length (mm)	A	article number
12,7	44,5	10,5	90 °	020398223011
16,0	46,0	12,7	90 °	020398223012
19,0	49,0	15,0	90 °	020398223013

Core Box Bit, TCT

With two angular placed edges, for ground cutting. **Suitable** for soft and hard woods.



size D (mm)	total length (mm)	useful length (mm)	R	article number
9,5	40,0	9,5	4,8	020398200062
12,7	40,0	9,5	6,3	020398200063

Core Box Bit, TCT

With two angular placed edges, for ground cutting. **Suitable** for soft and hard woods.



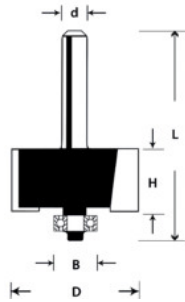
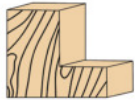
size D (mm)	total length (mm)	useful length (mm)	R	article number
28,5	55,0	14,0	9,5	020398200064
35,0	58,0	16,0	12,7	020398200065

ROUTER BITS

T-Slotting Bit, TCT

With two straight edges for ground cutting.
With guide on. Application: making rabbet
and groove joints.

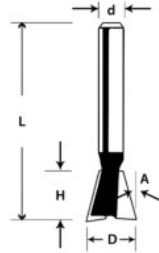
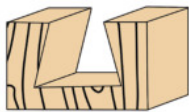
Suitable for soft and hard woods.



size D (mm)	total length (mm)	useful length (mm)	article number
28,5	54,0	12,7	020398235032

Dovetail Bit, TCT

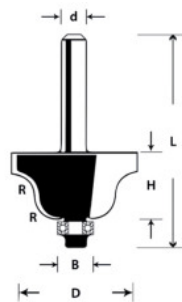
With two angular places edges, for
ground cutting. Suitable for soft and
hard woods.



size D (mm)	total length (mm)	useful length (mm)	A	article number
12,7	45,0	12,0	14 °	020398170143

Roman Ogee Bit type A, TCT

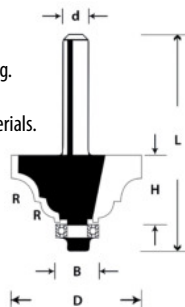
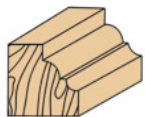
With two angular places edges, for ground
cutting. With ball bearing guide.
Suitable for soft and hard wood, laminated
materials.



size D (mm)	total length (mm)	useful length (mm)	R	article number
35,0	60,0	17,4	6,3	020398231006

Roman Ogee Bit type B, TCT

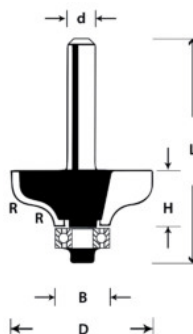
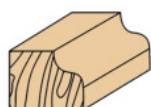
With two angular places edges, for ground cutting.
With ball bearing guide.
Suitable for soft and hard wood, laminated materials.



size D (mm)	total length (mm)	useful length (mm)	R	article number
35,0	56,0	15,9	6,3	020398232006

Roman Ogee Bit type C, TCT

With two angular places edges, for ground
cutting. With ball bearing guide. Suitable for
soft and hard wood, laminated materials

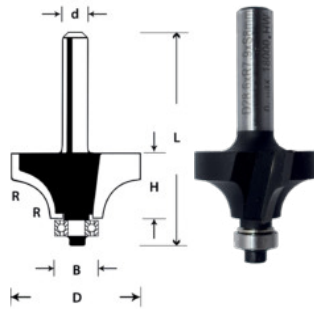
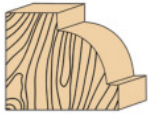


size D (mm)	total length (mm)	useful length (mm)	R	article number
31,8	54,0	12,7	4,8	020398231318
38,0	57,0	15,9	6,3	020398231380

ROUTER BITS

Beading Bit, TCT

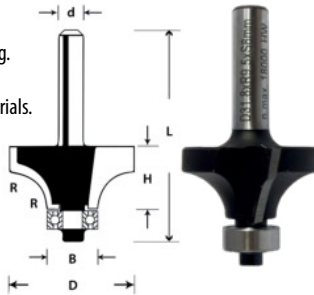
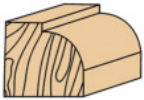
With two angular placed edges, for ground cutting.
With ball bearing guide.
Suitable for soft and hard woods.



size D (mm)	total length (mm)	useful length (mm)	R	article number
25,4	54,0	13,5	6,3	020398190063
28,6	55,0	15,5	7,9	020398190095
31,8	56,0	16,7	9,5	020398190096
38,1	59,0	19,0	12,7	020398190097

Round Over Bit, TCT

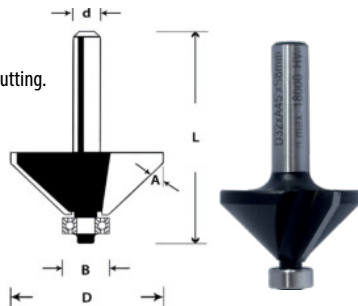
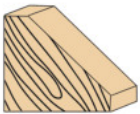
With two angular placed edges, for ground cutting.
Application: producing dovetail joints.
Suitable for soft and hard wood, laminated materials.



size D (mm)	total length (mm)	useful length (mm)	R	article number
17,5	52,0	8,0	2,4	020398180017
25,4	55,0	13,5	6,3	020398180063
28,6	56,0	15,5	7,9	020398180095
31,8	57,0	16,7	9,5	020398180031
38,1	60,0	19,0	12,70	020398180038

Flush Trim Bit, TCT

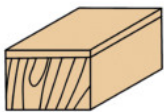
With two angular placed edges, for ground cutting.
Suitable for hard wood and polywood.



size D (mm)	total length (mm)	useful length (mm)	A	article number
32,0	56,0	15,0	45°	020398230031

Flush Trim Bit, TCT

With two angular placed edges, for ground cutting.
Suitable for hard wood and polywood.



size D (mm)	total length (mm)	useful length (mm)	article number
12,7	70,0	25,4	020398230012

NEW

TCT Router bit set with d 8 mm shank

In a wooden box.

content	article number
set of 12 pcs: 3 x straight bit D 8 12 16 mm 1 x dovetail bit D 14,3 mm 1 x V-groove bit D 16 mm 1 x core box bit D 12 mm 1 x bevel trim bit D 28,6 mm 1 x ogee bit type A D 35 mm 2 x core box bit with bearing D 24,7 32,7 mm 2 x round over bit D 24,7 32,7 mm	020397315000



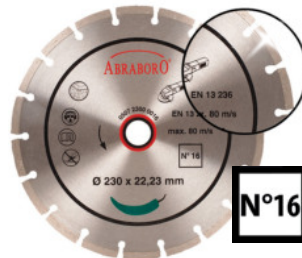
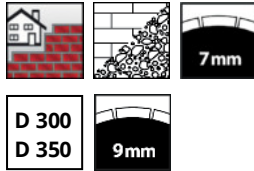
DIAMOND TOOLS



ABRABORO® DIAMOND CUTTING DISCS

ABRABORO® universal cutting blade N°16

- for universal use, for cutting brick, concrete and other construction site materials
- sintered, segmented
- dry cutting
- segment height: 7 and 9 mm



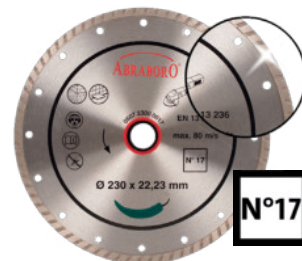
size D (mm)	article number
115 x 22,23	050711500016
125 x 22,23	050712500016
150 x 22,23	050715000016
180 x 22,23	050718000016
230 x 22,23	050723000016
300 x 25,4	050730000016
350 x 25,4	050735000016

Packing unit: 1 pc

Packing unit	size D (mm)	inox article number
6 pcs plastic box with hanger	115 x 22,23	050711500616
6 pcs plastic box with hanger	125 x 22,23	050712500616

ABRABORO® turbo cutting blade N°17

- for cutting tiles, floor tiles and construction site materials
- continous turbo RIM
- dry cutting

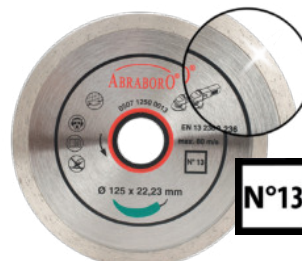


size D (mm)	article number
115 x 22,23	050711500017
125 x 22,23	050712500017
230 x 22,23	050723000017

Packing unit: 1 pc

ABRABORO® tile cutter N°13

- for dry/wet cutting of tiles
- continous RIM
- segment height: 7 mm



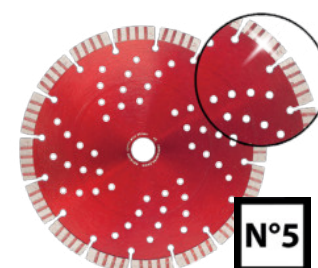
size D (mm)	article number
115 x 22,23	050711500013
125 x 22,23	050712500013

Packing unit: 1 pc

Packing unit	size D (mm)	inox article number
6 pcs plastic box with hanger	115 x 22,23	050711500613
6 pcs plastic box with hanger	125 x 22,23	050712500613

ABRABORO® general purpose cutting blade N°5

- very special segmented turbo cutting edge
- with cooling holes
- for universal use, good cutting performance in brick, concrete, aggregate concrete and other construction site materials
- dry cutting
- segment height: 12 mm



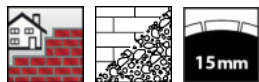
size D (mm)	article number
115 x 22,23	050711500005
125 x 22,23	050712500005
150 x 22,23	050715000005
230 x 22,23	050723000005
300 x 25,40	050730000005
350 x 25,40	050735000005

Packing unit: 1 pc

ABRABORO® DIAMOND CUTTING DISCS

ABRABORO® universal cutting blade N°11

- **premium quality**
- laser welded universal cutting blade suitable for all construction cutting work
- special segment toothing ensures a quick, clean and easy cutting experience
- with cooling holes
- wet/ dry cutting
- segment height: 15 mm

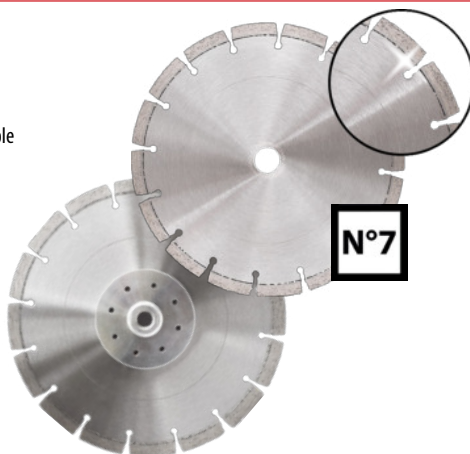
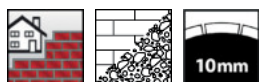


size D (mm)	article number
115 x 22,23	050711500011
125 x 22,23	050712500011
150 x 22,23	050715000011
230 x 22,23	050723000011
300 x 25,40	050730000011
350 x 25,40	050735000011

Packing unit: 1 pc

ABRABORO® universal cutting blade N°7

- professional quality
- laser-welded segments
- universal diamond blade for general construction use, suitable for cutting brick, concrete, washed concrete, clinker, paving stones, slate and other construction materials
- **recommended for wall slotting machines**
- excellent price-to-performance ratio
- dry cutting
- segment height: 10 mm
- **D 230 x M14 flange-mounted version, also suitable for horizontal cutting**



size D (mm)	article number
115 x 22,23	050711500007
125 x 22,23	050712500007
150 x 22,23	050715000007
230 x 22,23	050723000007
300 x 25,40	050730000007
350 x 25,40	050735000007
400 x 25,40	050740000007

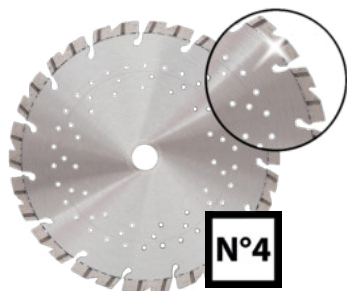
Packing unit: 1 pc

flansra szerelt kivitel	
size D (mm)	article number
230 x M14	050723010007

Packing unit: 1 pc

ABRABORO® premium quality cutting blade N°4

- **premium quality**
- unique segment-geometry for fast cutting
- with cooling holes
- very good cutting performance in concrete, cured concrete, reinforced concrete, concrete roof tiles, eternit, natural stone, marble, granite, limestone, sandstone, paver, reinforced wire mesh, steel < 3,5 mm
- laser welded
- dry cutting
- segment height: 10 mm

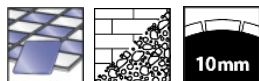


size D (mm)	article number
115 x 22,23	050711500004
125 x 22,23	050712500004
150 x 22,23	050715000004
230 x 22,23	050723000004
300 x 25,40	050730000004
350 x 25,40	050735000004
400 x 25,40	050740000004

Packing unit: 1 pc

ABRABORO® ceramic cutter N°15

- ultra thin (1,5 mm or 2,0 mm) turbo RIM blade with special cutting-edge geometry
- reinforced flange for strong mounting on machine
- extremely fast and clean cutting in porcelain gres, hard ceramic, tiles, granite, cotto plates, terrazzo and stoneware
- for dry/wet cutting
- segment height: 10 mm

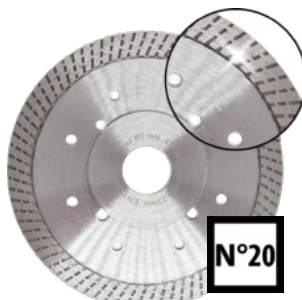


size D (mm)	article number
115 x 22,23	050711501015
125 x 22,23	050712501015
180 x 25,4/22,23	050718000015
200 x 25,4/22,23	050720000015
230 x 25,4/22,23	050723000015
250 x 25,4/22,23	050725000015

Packing unit: 1 pc

ABRABORO® ceramic cutter N°20

- **premium quality**
- ultra thin (1,5 mm) turbo RIM blade with special cutting-edge geometry
- reinforced flange for strong mounting on machine
- extremely fast and clean cutting in porcelain gres, hard ceramic, tiles, granite, cotto plates, terrazzo and stoneware
- for dry/wet cutting
- segment height: 11 mm



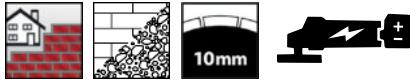
size D (mm)	article number
115 x 22,23	050711500015
125 x 22,23	050712500015

Packing unit: 1 pc

ABRABORO® DIAMOND CUTTING DISCS

ABRABORO® AKKU cutting disc N°22

- premium quality, for universal use
- high quantity of identically lined diamond grains in each segment
- user-friendly, quiet operation, spark and dust-free
- segment height: 10 mm
- recommended for cordless machines



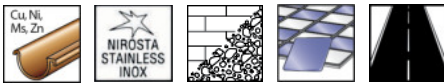
size D (mm)	article number
115 x 2,2 x 22,23	050711500022
125 x 2,2 x 22,23	050712500022

Packing unit: 1 pc



ABRABORO® MULTI diamond cutting disc N°18

- extra thin cutting disc with steel base, for universal use
- high quantity of diamond particles on the segments
- user-friendly, spark and dust-free

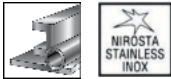


size D (mm)	article number
125 x 1,5 x 22,23	050712500018
230 x 1,9 x 22,23	050723000018

Packing unit: 1 pc

ABRABORO® diamond cutting disc N°14 for metal + inox

- extra thin cutting disc with steel base, high quantity of diamond particles on the segments
- for cutting metal and stainless steel
- user-friendly, spark and dust-free
- low vibration level, comfortable operation

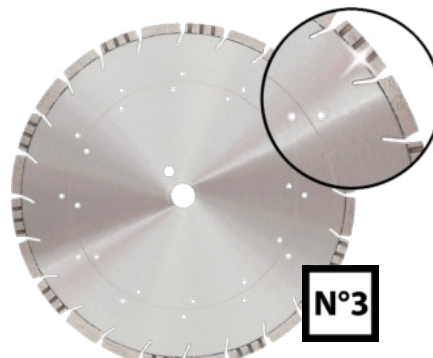


size D (mm)	article number
125 x 1,2 x 22,23	050712500014

Packing unit: 1 pc

ABRABORO® multi-functional cutting blade N°3

- mixed segment typology (combination of 3 different segment types)
- with cooling holes
- for cutting in concrete, asphalt and granite
- wet/dry cutting
- segment height: 10 mm

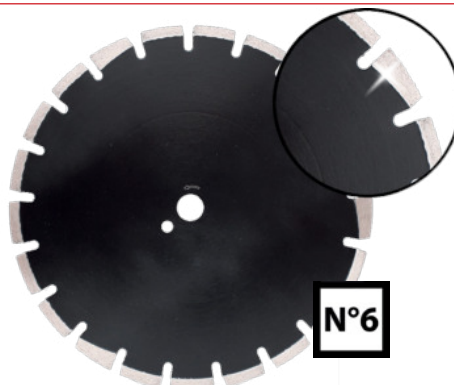


size D (mm)	article number
230 x 22,23	050723000003
300 x 25,40	050730000003
350 x 25,40	050735000003
400 x 25,40	050740000003

Packing unit: 1 pc

ABRABORO® asphalt cutting blade N°6

- no undercutting by strong wedge protection
- best cutting performance in asphalt, green concrete (< 24h) and abrasive materials
- laser welded
- wet/dry cutting
- segment height: 10 mm



size D (mm)	article number
300 x 25,40	050730000006
350 x 25,40	050735000006
400 x 25,40	050740000006
450 x 25,40	050745000006

Packing unit: 1 pc

ABRABORO® DIAMOND GRINDING DISCS

ABRABORO® universal grinding cup N°1

- large-sized, self-sharpening Y-segments
- excellent grinding performance
- **suitable for** grinding concrete, washed concrete, natural stone and granite
- recommended for both dry and wet work
- water cooling is recommended to extend tool life and reduce dust formation

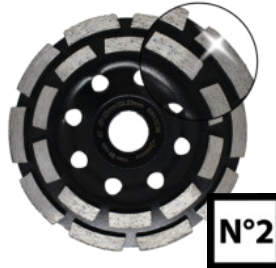
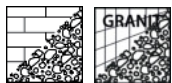


size D (mm)	article number
115 x 22,23	050711514001
125 x 22,23	050712514001

Packing unit: 1 pc

ABRABORO® universal grinding cup N°2

- diamond segments in two rows
- excellent grinding performance
- **suitable for** grinding concrete, washed concrete and granite
- recommended for both dry and wet work
- water cooling is recommended to extend tool life and reduce dust formation

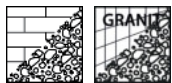


size D (mm)	article number
115 x 22,23	050711522002
125 x 22,23	050712522002
180 x 22,23	050718022002

Packing unit: 1 pc

ABRABORO® universal grinding cup N°10

- turbo diamond segments
- fast work, aggressive grinding
- **suitable for** concrete and general construction materials
- excellent price-performance ratio
- recommended for both dry and wet work
- water cooling is recommended to extend tool life and reduce dust formation

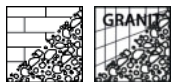


size D (mm)	article number
115 x 22,23	050711522003
125 x 22,23	050712522003

Packing unit: 1 pc

ABRABORO® universal grinding cup N°9

- diamond segments in turbine blade shape
- fast work, excellent grinding performance
- **suitable for** general construction materials
- recommended for both dry and wet work
- water cooling is recommended to extend tool life and reduce dust formation



size D (mm)	article number
125 x 22,23	050712522006

Packing unit: 1 pc

ABRABORO® diamond cup grinder with PCD segments N°8

- with PCD segments (polycrystalline diamonds)
- high-performance special grinding disc, ideal for the quick and efficient removal of elastic layers, adhesives, carpet adhesives, epoxy/resin

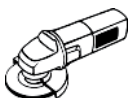


size D (mm)	article number
125 x 22,23	050712522008

Packing unit: 1 pc

QUICK-lock nut for angle grinder M14

Hand and wrench operable disc holder, universally compatible with all angle grinders. It makes tool changes easier and faster.



size	article number
M 14	020369500000

Packing unit: 1 pc

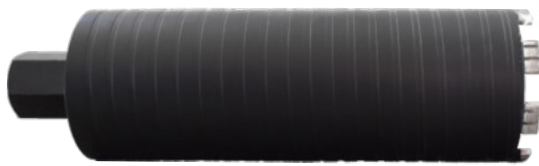
DIAMOND CORE DRILL BITS

NEW Diamond core drill bit for dry drilling

Professional quality diamond segmented core drill bits for industrial core drilling machines (e.g. Baier).
Laser-welded segments.
Segment height: 10 mm
Shank: 1 1/4"

Suitable for drilling concrete, reinforced concrete, brick and other construction materials.

Can be used in both dry and wet operation modes; water cooling is not required.



size D (mm)	worklength (mm)	article number
32	300	061000002032
42	300	061000002042
47	300	061000002047
52	300	061000002052
57	300	061000002057
62	300	061000002062
67	300	061000002067
72	300	061000002072
82	300	061000002082
92	300	061000002092
102	300	061000002102
112	300	061000002112
122	300	061000002122
127	300	061000002127
132	300	061000002132
142	300	061000002142
152	300	061000002152
162	300	061000002162
182	300	061000002182
202	300	061000002202

Packing unit: 1 pc / carton

NEW Diamond core drill bit for wet drilling

Professional quality diamond segmented core drill bits for industrial wet core drilling machines (e.g. Baier).
Laser-welded segments.
Segment height: 10 mm
Shank: 1 1/4"

Suitable for drilling concrete, reinforced concrete, brick and other construction materials.

Can be used in wet operation mode only.



size D (mm)	worklength (mm)	article number
32	450	061000001032
42	450	061000001042
52	450	061000001052
62	450	061000001046
72	450	061000001062
82	450	061000001072
102	450	061000001082
107	450	061000001102
112	450	061000001107
122	450	061000001112
127	450	061000001122
132	450	061000001127
152	450	061000001132
162	450	061000001162
172	450	061000001172
202	450	061000001202
225	450	061000001225
250	450	061000001250
300	450	061000001300

Packing unit: 1 pc / carton

NEW Diamond core drill bit extension shank



length (mm)	article number
200	061000000200
300	061000000300
500	061000000500

Packing unit: 1 pc

DIAMOND CORE DRILL BITS

NEW Diamond core drill bit (hole saw)

Diamond-grit core drill for precise and clean drilling of junction boxes and mounting boxes in concrete, brick, and masonry.
Complete set: with shank and pilot drill.



size D (mm)	article number
68 - with HEXAGON shank	060200001068
82 - with HEXAGON shank	060200002082
68 - with SDS Plus shank	060200002068
82 - with SDS Plus shank	060200001082

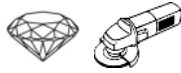
Packing unit: 1 pc

Diamond milling cutter, M14

For enlarging or widening round or conical holes.
with M14 shank, **suitable for angle grinders.**
grit size: K 50

Suitable for: gres (porcelain stoneware), hard ceramics, aconstruction materials.

Can be used in both dry and wet mode.



size D (mm)	worklength (mm)	article number
5	50	020351505001
6	50	020351506001
8	50	020351508001
10	50	020351510001
12	50	020351512001

Packing unit: 1 pc / X-Pack

Diamond milling cutter, conical, M14

For enlarging or widening round or conical holes.
Suitable for drilling holes as well, though not primarily recommended for this purpose.

With M14 shank, designed for angle grinders.

Grit size: K 50

Suitable for: gres (porcelain stoneware), hard ceramics, granite, marble, natural stones, brick, concrete and other construction materials.

Can be used in both dry and wet mode.



size D (mm)	article number
5-35 60°	020351505351

Packing unit: 1 pc / X-Pack

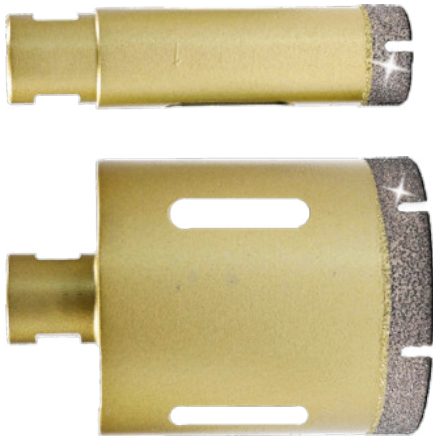
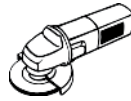
DIAMOND TILE DRILL BITS

Tile and ceramic drill bit, M 14 GOLD PREMIUM

Premium quality ceramic drill bit with diamond coated, self-sharpening cutting edge.
Excellent drilling performance in even the hardest ceramic plates beautiful and clean drilling, perfect holes.
With M14 thread.
Suitable for tiles, ceramics, marbles.
Use at high speed.
Constant water cooling is recommended.



GOLD



size D (mm)	worklength (mm)	article number
6	45	020351806000
8	45	020351808000
10	45	020351810000
12	45	020351812000
14	45	020351814000
16	45	020351816000
20	45	020351820000
25	45	020351825000
30	45	020351830000
32	45	020351832000
35	45	020351835000
40	45	020351840000
45	45	020351845000
50	45	020351850000
60	45	020351860000
68	45	020351868000
75	45	020351875000
82	45	020351882000

Packing unit: 1 pc / X-Pack

M 14 HEX ADAPTER

From M14 to HEX-shank.



length (mm)	article number
55	020369600001

Tile and ceramic drill bit, E 6,3 GOLD PREMIUM



GOLD



size D (mm)	worklength (mm)	article number
5	35	020351800050
6	35	020351800060
8	35	020351800080
10	35	020351800100
12	35	020351800120

Packing unit: 1 pc / plastic tube

Tile and ceramic drill bit sets, GOLD PREMIUM



article	content D (mm)	article number
NEW with M 14 shank, 5 pcs set	6 8 10 12 14	020351800001
NEW with E 6,3 shank, 5 pcs set	5 6 8 10 12	020351800002



M 14



E 6,3

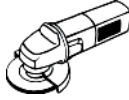
DIAMOND TILE DRILL BITS

Tile and ceramic drill bit, M 14

Special drill shank with diamond coating and aggressive cutting edge.
Easy to use, produces a clean drilling finish.

Suitable for tiles, ceramics, marble.

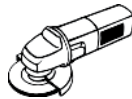
Water cooling is recommended during use to significantly extend the tool's lifespan.



size D (mm)	worklength (mm)	article number
6	35	020351706000
8	35	020351708000
10	35	020351710000
12	35	020351712000
14	35	020351714000
16	45	020351716000
20	45	020351720000
25	45	020351725000
30	45	020351730000
32	45	020351732000
35	45	020351735000
40	45	020351740000
45	45	020351745000
50	45	020351750000
60	45	020351760000
68	45	020351768000
75	45	020351775000
83	45	020351783000

Packing unit: 1 pc / X-Pack

Tile and ceramic drill bit set



article	content D (mm)	article number
with M 14 shank, 5 pcs set	6 8 10 12 14	020351700001
with M 14 shank, 8 pcs set	20 25 32 35 40 50 60 68	020351700002

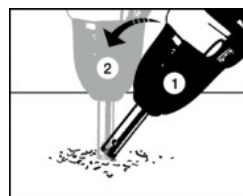


Tile and ceramic drill bit with hexagonal shaft

Diamond coated, self-sharpening cutting edge.
Easy to use, precise drilling and excellent quality.

Suitable for tiles, ceramics, marble and porcelain stoneware.

Use at high-speed settings with proper cooling only.



size D (mm)	article number
5	020351505000
6	020351506000
8	020351508000
10	020351510000
12	020351512000
14	020351514000
16	020351516000
25	020351525000

Packing unit: 1 pc / X-Pack

Tile and ceramic drill bit with hexagonal shaft 5 pcs set



content D (mm)	article number
5 6 8 10 12	020351500005

CUTTING AND GRINDING DISCS



ABRABORO® CUTTING DISCS

ABRABORO® metal + inox cutting discs

GOLD edition

Premium-quality, extra-thin cutting disc offering fast cuts, extended durability, precise cutting and smooth operation. Ensures minimal burr formation, low noise levels and reduced discoloration, cutting waste and spark generation.

Suitable for thin sheets, steel ropes, thin-walled profiles and pipes made of stainless steel and non-ferrous metals, composite materials. Type T42.



size D (mm)	article number
125 x 0,8 x 22	050712500800

Packing unit: 25 pcs / pack

ABRABORO® metal + inox ZIRCON cutting discs

Premium quality cutting disc for cutting steel and stainless steel. Extreme high cutting speed and perfect lifetime performance.

Suitable for stainless steel, corrosion-resistant steel and metal.



size D (mm)	article number
125 x 1,0 x 22	050712501007

Packing unit: 25 pcs / pack

ABRABORO® metal + inox inox premium cutting disc

Exceptional quality disc with high heat-resistant noble corundum grains, providing precise, extremely fast and comfortable cutting without burr formation.

Suitable for cutting thin sheets, thin-walled pipes and profiles, stainless/acid-resistant steel and non-ferrous metals.



size D (mm)	article number
115 x 1,0 x 22	050711501003
125 x 1,0 x 22	050712501003
125 x 1,6 x 22	050712501004
230 x 1,9 x 22	050723001001

Packing unit: 25 pcs / pack

Packing unit	size D (mm)	article number
12 pcs plastic box with hanger	115 x 1,0 x 22	050711501013
12 pcs plastic box with hanger	125 x 1,0 x 22	050712501013

ABRABORO® alu premium cutting discs

Premium quality ultra-thin disc for fast and clean cutting of aluminum and non-ferrous metals.



size D (mm)	article number
115 x 1,0 x 22	050711501005
125 x 1,0 x 22	050712501005

Packing unit: 25 pcs / pack

ABRABORO® metal + inox cutting discs

Excellent quality disc for cutting stainless (acid-resistant) or standard steel. Provides extra-fast cutting.



With ceramic grains,
50% higher performance



CERAMIC CUT LINE

Green cutting edge

size D (mm)	article number
115 x 1,0 x 22	050711501001
125 x 1,0 x 22	050712501001

Packing unit: 50 pcs / pack



Packing unit	size D (mm)	article number
12 pcs plastic box with hanger	115 x 1,0 x 22	050711501012
12 pcs plastic box with hanger	125 x 1,0 x 22	050712501012

ABRABORO® CUTTING DISCS

ABRABORO® metal + inox cutting discs

Excellent quality disc for cutting stainless (acid-resistant) or standard steel. Provides extra-fast cutting.

Packing unit: 25 pcs / pack

**D 230 mm straight design

Packing unit: 10 pcs / pack



size D (mm)	article number
115 x 1,6 x 22	050711501002
115 x 2,5 x 22	050711534101
125 x 1,6 x 22	050712501002
125 x 2,5 x 22	050712534101
150 x 1,6 x 22	050715001002
180 x 1,6 x 22	050718001002
230 x 1,9 x 22**	050723001006
230 x 2,5 x 22**	050723001004

ABRABORO® metal + inox cutting discs

BLUE EDITION

High quality cutting disc, for cutting metal, stainless steel, castings, steel-tubes and steel-profiles.

DID YOU KNOW?

The quality of cutting discs is significantly influenced by the humidity in the air? Within just 6 weeks after manufacturing, the cutting performance of the disc can decrease by about 30%. The new PROTECT PACK packaging preserves the product's freshness until the first opening, ensuring excellent cutting performance.



CERAMIC CUT LINE
Green cutting edge

size D (mm)	article number
115 x 1,0 x 22	050711501011
125 x 1,0 x 22	050712501011

Packing unit: 10 pcs / PROTECT PACK



NEW

ABRABORO® metal + inox cutting discs AKKU

High quality medium-hard disc ideal for cutting stainless (inox) steel. Recommended for use in cordless angle grinders.



size D (mm)	article number
115 x 1,0 x 22	050711501069
125 x 1,0 x 22	050712501069
NEW 230 x 1,9 x 22	050723000109

Packing unit: 115 and 125 mm : 25 pcs / pack

230 mm: 10 pcs / pack

ABRABORO® cutting discs for metal

High quality cutting disc, for cutting metal, constructions steel, castings, steel-tubes and steel-profiles.



size D (mm)	article number
115 x 2,0 x 22	050711524101
115 x 2,5 x 22	050711534200
125 x 2,0 x 22	050712524101
125 x 2,5 x 22	050712534200
150 x 2,0 x 22	050715024100
180 x 2,0 x 22	050718024101
230 x 2,0 x 22	050723001002
230 x 2,5 x 22	050723001003
300 x 3,5 x 25,4	050730034105
300 x 3,5 x 32	050730034100
350 x 3,0 x 25,4**	050735034109
350 x 3,5 x 25,4*	050735034100

* for cutting machines.

** extra strong industrial cutting disc with long lifespan.

Suitable for use with chop saws with a minimum power of 3,2 kW.

ABRABORO® CUTTING DISCS

ABRABORO® stone premium cutting discs

Premium quality extra-thin cutting disc for cutting rocks.



size D (mm)	article number
115 x 1,0 x 22	050711501006
125 x 1,0 x 22	050712501006

Packing unit: 25 pcs / pack

ABRABORO® stone cutting discs

High quality cutting disc for cutting rocks.



size D (mm)	article number
230 x 2,5 x 22	050723034105

Packing unit: 10 pcs / pack

ABRABORO® grinding discs

High quality grinding disc for steel.



size D (mm)	article number
115 x 6,0 x 22	050711562700
125 x 6,0 x 22	050712562700
150 x 6,0 x 22	050715062700
180 x 6,0 x 22	050718062700
230 x 6,0 x 22	050723062700

Packing unit: 5 pcs / pack

ABRABORO® inox grinding discs

Premium quality grinding disc for grinding stainless steel.



size D (mm)	article number
115 x 6,0 x 22	050711562702
125 x 6,0 x 22	050712562702
230 x 6,0 x 22	050723062702

Packing unit: 5 pcs / pack

ABRABORO® semi-flex discs

Additive coated disc with silicon carbide grit (SiC).

Suitable for stone, mild steel and stainless steel, aluminium and plastic.

Use with a backing pad! (page 109)



size D x d (mm) grit	115 x 22 article number	125 x 22 article number	180 x 22 article number
16	050711522116	050712522116	050718022116
24	050711522124	050712522124	050718022124
36	050711522136	050712522136	050718022136
60	050711522160	050712522160	050718022160
80	050711522180	050712522180	050718022180

Packing unit: 5 pcs / pack

ABRABORO® GRINDING CUPS

ABRABORO® grinding cups for stone with SiC grit

Suitable for leveling uneven concrete surfaces, grinding adhesive residue, working with natural and engineered stones, coarse and medium edge processing and cleaning formwork panels.



size D x d (mm)	grit SiC	article number
110/90 x 55 x M14	16	050711055016
	24	050711055024
	36	050711055036
	60	050711055060

Packing unit: 1 pc

ABRABORO® grinding cups for metal with A/O grit

Suitable for steel, surface and weld seam processing.



size D x d (mm)	grit A/O	article number
110/90 x 55 x M14	24	050711055240
	36	050711055360
	60	050711055600

Packing unit: 1 pc

ABRABORO® vitrified bonded grinding wheels

For bench/stand grinders, with different grit sizes, aluminum oxide (A) and silicon carbide (C) grains.

Color: gray-blue (normal corundum) - A24, A60 grit sizes.

Suitable for grinding various metals, hardened and non-hardened steel, gray cast iron.

Color: green (silicon carbide grit) - C80 grit size.

Suitable for hard metals, non-ferrous and light metals.

type D x width x d (mm) size	1 A24 O4V article number	1 A60 M7V article number	2 C80 L7V article number
125 x 20 x 20	050712520024	050712520060	050712520080
150 x 20 x 20	050715020024	050715020060	050715020080
175 x 20 x 20	050717520024	050717520060	050717520080
200 x 20 x 20	050720020024	050720020060	050720020080

Packing unit: 1 pc



WIRE BRUSHES



WIRE BRUSHES

SUP: Steel wire, straight (twisted knot construction)

STD: Steel wire, natural hard, crimped

OSG: Steel wire, hardened, straight

INOX: Stainless steel wire, acid resistant, crimped or straight

MES: Brass wire (Cu-Zn), crimped

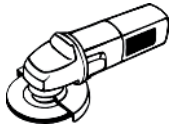
LIT: Brass planted steel wire

AA: Abrasive filaments, crimped

AZD: Steel wire, hardened, high tensile strength and tough, straight (knotted)

Cup brushes with twisted knots

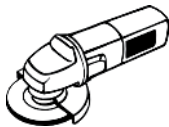
Aggressive wire brush for removing weld seams, rust, etc.
Ideal for processing large surfaces.



type	article number
Cup brush TZ 61 D 65 mm, M 14, 0.50 SUP	900599040010
Cup brush TZ 61 D 65 mm, M 14, 0.35 SUP	900599040009
Cup brush TZ 61 D 65 mm, M 14, 0.50 INOX	900599040012
Cup brush TZ 71 D 65 mm, M 14, 0.50 SUP	900592031310
Cup brush TZ 81 D 80 mm, M 14, 0.50 SUP	900592031313
Cup brush TZ 101 D 100 mm, M 14, 0.50 SUP	900592031317
Cup brush TZ 121 D 120 mm, M 14, 0.50 SUP	900592031321
Bevel brush FZ 100F D 100 mm, M 14, 0.50 SUP	900599049500

Cup brushes with crimped wire

For removal of rust, corrosion, paint and generally to produce clean surfaces.

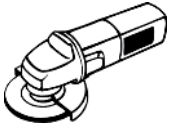


type	article number
Cup brush D 60 mm, M 14, 0.30 STD	900590402253
Cup brush D 60 mm, M 14, 0.30 MES	900590409051
Cup brush D 60 mm, M 14, 0.30 INOX	900590409052
Cup brush D 75 mm, M 14, 0.30 STD	900599010516
Cup brush D 80 mm, M 14, 0.30 STD	900594040513
Cup brush D 100 mm, M 14, 0.30 STD	900599010711
Bevel brush D 100 mm, M 14, 0.30 STD	900599019501

WIRE BRUSHES

Circular brushes with twisted knots

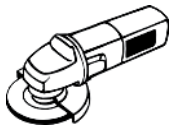
For removal excess rubber from rubber to metal bonded part. Removing residues of adhesive, hard scale rust and paint.



type	article number
ULTRA single-section brush SZ 2121 D 115 mm, M 14, 0.50 SUP	900590416412
ULTRA single-section brush SZ 2121 D 115 mm, d 22, 0.50 SUP	900590440054
ULTRA single-section brush SZ 2121 D 115 mm, d 22, 0.50 INOX	900590416413
ULTRA single-section brush SZ 3121 D 125 mm, d 22, 0.50 SUP	900590416421
ULTRA single-section brush SZ 3121 D 125 mm, d 22, 0.50 INOX	900590416422
ULTRA single-section brush SZ 4181 D 180 mm, d 22, 0.50 SUP	900590416481

Circular brushes with crimped wire

For applications as rust and paint removal, deburring, descaling, matt finishing and polishing.



type	article number
Single-section brush B 3111 D 115 mm, M 14, 0.30 STD	900599003423
Single-section brush B 3121 D 125 mm, M 14, 0.30 STD	900599003424
Single-section brush B 8181 D 180 mm, d 22, 0.30 STD	900598715533

WIRE BRUSHES

Shaft-mounted brushes

For preparation of all kind of surfaces, especially at hard to reach areas. For smoothing, trimming of casting joints and rubber to metal bonded parts, light deburring work and removal of corrosion and paint.



type	article number
Circular brush D 40 mm, d 6 mm, 0.20 STD, 2 soros, Brush thickness: 12,0 mm	900595820340
Circular brush D 40 mm, d 6 mm, 0.20 INOX, 2 soros, Brush thickness: 12,0 mm	900595824340
Circular brush D 50 mm, d 6 mm, 0.30 STD, Brush thickness: 8,0 mm	900599428204
Circular brush - thick D 50 mm, d 6 mm, 0.30 STD, 2 soros, Brush thickness: 12,0 mm	900599428205
Circular brush - wide D 50 mm, d 6 mm, 0.30 INOX, 2 soros, Brush thickness: 12,0 mm	900599428207
Circular brush D 60 mm, d 6 mm, 0.30 STD, 2 soros, Brush thickness: 12,0 mm	900595820560
Circular brush D 60 mm, d 6 mm, 0.30 INOX, 2 soros, Brush thickness: 12,0 mm	900595824560
Circular brush D 75 mm, d 6 mm, 0.30 STD, Brush thickness: 10,0 mm	900599420113
Circular brush - wide D 75 mm, d 6 mm, 0.30 STD, 2 soros, Brush thickness: 15,0 mm	900599420114
Circular brush - wide D 75 mm, d 6 mm, 0.30 INOX, 2 soros, Brush thickness: 15,0 mm	900599420116
Circular brush D 75 mm, d 6 mm, 0.30 MES, Brush thickness: 10,0 mm	900590404301
Circular brush D 100 mm, d 6 mm, 0.30 STD, Brush thickness: 10,0 mm	900599420112
Circular brush D 100 mm, d 6 mm, 0.30 INOX, Brush thickness: 12,0 mm	900599420110
Circular brush D 50 mm, d 6 mm, 0.20 STD	900599428219
Circular brush D 50 mm, d 6 mm, 0.20 MES	900599428220
Circular brush D 75 mm, d 6 mm, 0.30 STD	900599420027

Shaft-mounted brushes with abrasive filaments

For surface structuring, deburring, paint removal.



type	article number
Anderlon - Circular brush D 100 mm, d 6 mm, AA/K100, Brush thickness: 8,0 mm	900590409055
Anderlon - Cup brush C65 D 65 mm, d 6 mm, AA/K100	900590409057

BRUSHES

Shaft-mounted brushes with twisted knot

Ideal for use in power drills, for surface preparation of hard to-reach areas. For smoothing, trimming, light-deburring work and the removal of corrosion and paint.



type	article number
Circular brush D 70 mm, d 6 mm, 0.50 SUP	900599021004

End brushes

With twisted wire. The perfect brush for hard-to-reach areas such as corners, drilled holes and recesses of all kinds.



type	article number
D 24 mm, d 6 mm, 0.30 STD	900593220500

Tube brushes

For cleaning pipes and radiators, removing rust and paint, descaling and surface leveling.

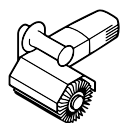
Equipped with galvanized twisted wire, double brush spiral and cylindrical shank fitting.



size D x L1/L2 (mm)	steel d (mm)	article number
D 15 x 170/55	0.15	900550000015
D 16 x 170/55	0.15	900550000016
D 18 x 170/55	0.15	900550000018
D 20 x 170/55	0.20	900550000020
D 22 x 170/55	0.20	900550000022
D 25 x 170/55	0.20	900550000025
D 28 x 170/55	0.20	900550000028
D 30 x 170/55	0.20	900550000030
D 32 x 170/55	0.20	900550000032
D 35 x 170/55	0.20	900550000035
D 38 x 170/55	0.20	900550000038
D 40 x 170/55	0.20	900550000040

Brass-plated steel wire wheel

Suitable for rusting wood, removing paint, eliminating rust, removing burrs. For use on burnishing machines.



D x width x hole (mm)	wire	article number
100 x 100 x 19,1	0.27 LIT	900590405454

Packing unit: 1 pc

HAND BRUSHES

Scratch brushes

For cleaning, rust removal and paint removal.

**MADE
IN
GERMANY**



type	article number
Scratch brush, 3 rows with wooden handle 290/140 mm, 0.30 OSG	900540930035
Scratch brush, 4 rows with wooden handle 290/140 mm, 0.30 OSG	900540930036
Scratch brush, 5 rows with wooden handle 290/140 mm, 0.30 OSG	900540930037
Scratch brush, 3 rows with wooden handle 290/140 mm, 0.30 INOX	900540930041
Scratch brush, 4 rows with wooden handle 290/140 mm, 0.30 INOX	900540930040
Scratch brush, 5 rows with wooden handle 290/140 mm, 0.30 INOX	900540930039
Scratch brush, 4 rows with wooden handle 290/140 mm, 0.30 rézzel bevont acéldrót	900540930030
Spark plug brush with wooden handle 145 mm, 0.20 MES	900540381000
File cleaner brush with wooden handle 250/100 mm, steel wire	900540380001

Scratch brushes with plastic handle

For cleaning, rust and paint removal.



type	article number
SPEED scratch brush with red plastic handle 265/140 mm, 0.30 STD	900541996457
SPEED scratch brush with green plastic handle 265/140 mm, 0.30 INOX	900541996492
SPEED scratch brush with grey plastic handle 265/140 mm, 0.30 MES	900541996494
SPEED scratch brush with red plastic handle 380/140 mm, 0.30 STD	900541996485

PAINTING TOOLS



BRUSHES

Application:



mix bristle
blend of natural pig and synthetic bristle



synthetic bristle
fully synthetic bristle



oil, oil paint and rust preventive agent



wall paint, dispersion



all traditional types of varnishes
(water-based varnishes, enamels, synthetic resin varnishes, acrylic varnishes, etc.)



wood, thin and thick glazes



for smooth surfaces



for rough surfaces

Professional flat brush, red

Professional brush line with red plastic handle.
Good paint pick-up and paint-holding capacity.

Suitable for enamel and all types of oil-based and dispersion paints



width (mm)	thickness (mm)	bristle length (mm)	article number
20	15	46	901004600020
30	15	46	901004600030
40	15	46	901004600040
50	15	46	901004600050
60	15	52	901005200060
70	15	52	901005200070
100	15	52	901005200100

Packing unit: 12 pcs / box



Premium flat brush, red

Professional brush line with unpainted beech wood handle.
Excellent paint pick-up and paint holding capacity.

Suitable for all types of oil-based and dispersion paints, enamels and varnishes



width (mm)	thickness (mm)	bristle length (mm)	article number
20	15	46	901104600020
30	15	46	901104600030
40	15	52	901105200040
50	15	58	901105800050
60	15	58	900105800060
70	15	63	900106300070

Packing unit: 12 pcs / box



Radiator brush

Professional brush line with unpainted beech wood handle.
Excellent paint pick-up and paint holding capacity.

Suitable for all types of oil-based and dispersion paints, enamels and varnishes



width (mm)	thickness (mm)	bristle length (mm)	article number
20	9	47	901104700020
30	9	47	901104500030
50	9	47	901104700050
70	9	47	901105200070

Packing unit: 12 pcs



BRUSHES

Professional flat brush, blue

Professional brush line with blue plastic handle.
Good paint pick-up and paint holding capacity.

Suitable for all types of water-based paints and acrylic varnishes



width (mm)	thickness (mm)	bristle length (mm)	article number
20	15	52	901005200020
30	15	52	901005200030
40	15	52	901005200040
50	15	52	901005200050
60	15	52	901015200060
70	15	58	901005800070
100	15	58	901005800100

Packing unit: 12 pcs / box

Premium flat brush, blue

Premium brush line with blue plastic handle.
Excellent paint pick-up and paint holding capacity.

Suitable for all types of water-based paints and acrylic varnishes



width (mm)	thickness (mm)	bristle length (mm)	article number
20	15	51	901105100020
30	15	51	901105100030
40	15	51	901105100040
50	15	51	901105100050
60	15	51	901105100060
70	15	51	901105100070
100	15	51	901105100100

Packing unit: 12 pcs / box

Universal flat brush, blue

Premium brush line with wooden handle, blue marking and special corrugated synthetic bristles.

Excellent paint pick-up and paint holding capacity.

Suitable for water-based paints, dispersion paints and varnishes, as well as oil-based paints and enamel



width (mm)	thickness (mm)	bristle length (mm)	article number
30	15	49	901105200030
40	15	49	901115200040
50	15	56	901115800050
60	15	62	901105800060
70	15	66	901106400070
100	15	66	901106400100

Packing unit: 12 pcs / box

Rectangular emulsion brush

Professional brush with an unpainted wooden handle. Excellent paint pick-up and paint holding capacity.

Suitable for water and solvent-based paints, enamel and varnishes



width (mm)	thickness (mm)	bristle length (mm)	article number
120	30	55	901105500312

Packing unit: 1 pc

PAINT ROLLERS

Paint roller GOLD

Our basic rollers made of fine polyamide yarn with very good paint pick-up and paint release. The material is almost lint free but very easy to clean, it doesn't splash. Very durable and long-lasting. The roller is solvent resistant and gives an absolutely smooth surface structure.

Application: interior and exterior use, smooth and rough surfaces

Suitable for alkyd paints, primers, enamels, polyurethane paints and varnishes, waterborne paints and various types of resins and bitumen.



roller length (mm)	core D (mm)	nap length (mm)	hole D (mm)	pack. unit(pcs)	article number
60	17	13	6	20	710000000301
100	17	13	6	10	710000000302
180	52	13	8	1	710000000303
250	52	13	8	1	710000000304

Paint roller MICRO

High quality rollers made of Microfiber yarn with extremely high paint pickup and consistent paint release. The material is almost lint free, splashes rarely and ensures an even surface structure.

Application: interior and exterior use, smooth surfaces

Suitable for alkyd and polyurethane paints, primers, varnishes and water dispersion paints.



roller length (mm)	core D (mm)	nap length (mm)	hole D (mm)	pack. unit(pcs)	article number
100	17	12	6	10	710000000101
180	52	12	8	1	710000000102
250	52	12	8	1	710000000103

Paint roller EPOXY

High quality rollers made of polyamide/nylon blended material, almost lint free and provide an even surface structure. Fully solvent resistant.

Application: interior and exterior use, smooth surfaces

Suitable for aggressive systems, impregnators and industrial coatings. It gives particularly good results when used with one and two-component epoxy and polyurethane paints



roller length (mm)	core D (mm)	nap length (mm)	hole D (mm)	pack. unit(pcs)	article number
60	17	12	6	20	710000000401
100	17	12	6	10	710000000402
180	52	12	8	1	710000000403
250	52	12	8	1	710000000404

Paint roller BLACK MAGIC

Premium roller cover with coarse polyamide structure for plastering compound and filler. Easily washable.

Application: plastering, smooth and rough surfaces

Suitable for applying putty and plaster on walls or ceilings, for sealing joints between plasterboard sheets and for covering micro-perforated, self-adhesive or drywall tapes.



roller length (mm)	core D (mm)	nap length (mm)	hole D (mm)	pack. unit(pcs)	article number
180	52	16	8	1	710000000603

PAINT ROLLERS

Paint roller JUMBO

High quality rollers made of solvent resistant polyacrylic yarn. The material is easy to clean, doesn't splash and is very durable. It's enormous paint pickup enable painters to work more square meters with one roller. Padded for extra support on rough surfaces.

Application: facade work, exterior use, rough surfaces

Suitable for water dispersion paints, alkyd paints, primers, enamels, polyurethane paints and varnishes and various types of resins and bitumen



roller length (mm)	core D (mm)	nap length (mm)	hole D (mm)	pack. unit(pcs)	article number
250	60	18	8	1	710000000201

Paint roller VELOUR

Professional quality made of Velour woven. The material is fully solvent resistant, lint free and provides a smooth finishing structure.

Application: interior and exterior use, smooth surfaces

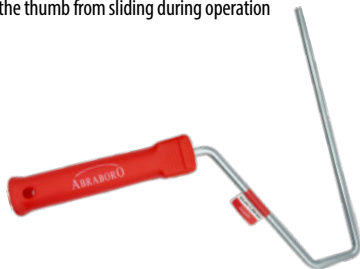
Suitable for alkyd paints and varnishes, polyurethane one-component and two-component paints and varnishes, epoxy paints, resins and others.



roller length (mm)	core D (mm)	nap length (mm)	hole D (mm)	pack. unit(pcs)	article number
60	17	4	6	35	710000000504
100	17	4	6	20	710000000501
180	52	4	8	1	710000000502
250	52	4	8	1	710000000503

Paint roller handle

Made from impact-resistant polypropylene and completely resistant to all types of solvents. Affected by low temperatures - the material remains flexible and does not break. Handles are produced with a texture at the top, preventing the thumb from sliding during operation



width (mm)	grip	core (mm)	article number
60	short	6	710000000901
100	short	6	710000000902
100	long	6	710000000903
180	short	8	710000000904
250	short	8	710000000905

Packing unit: 1 pc

Made with a special inside thread which enables it to be connected to both standard cone extensions and classic household brush extensions.

Extension pole for handles

Used for range extension and flexibility when working on hard-to-reach surfaces. The universal size of the nozzle makes them **suitable** for all types of rollers. The adjustable handle is convenient and easy to move and work with.



length (cm)	article number
100-200	710000000920

Packing unit: 1 pc

Metal paint scraper grid

Made of premium quality galvanized steel.

Suitable for the organized scraping of paint rollers and brushes.



size (cm)	article number
26 x 30	730100260300

Packing unit: 1 pc

MASONRY TOOLS

INOX hand scraper

High material flexibility with a polished INOX surface.
Dual-component plastic grip with a rubberized coating.



size (mm)	thickness(mm)	article number
25	1,0	720100000001
50	1,0	720100000002
75	1,0	720100000003
100	1,0	720100000004
125	1,0	720100000005
150	1,0	720100000006

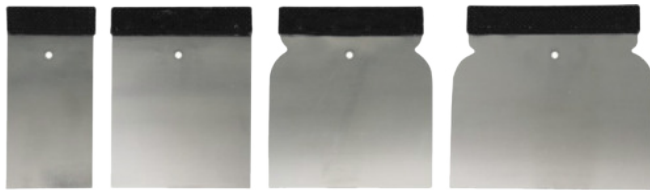
Packing unit: 1 pc

Hand scraper INOX in set

4 pcs Japanese spatula set with 0.3 mm thin stainless steel blade and flat plastic handle.



Suitable for filling small cracks, removing paint and wallpaper.



content (mm)	article number
50 80 100 120	720300000004

Plastering trowel INOX

Stainless steel blade (0.7 mm),
2-component ergonomic handle.

8-piece set in a countertop display.



size (mm)	cut (mm)	article number
280 x 130	-	720200000000
NEW 280 x 130	6 x 6	720200000606
NEW 280 x 130	8 x 8	720200000808
280 x 130	10 x 10	720200001010
NEW 280 x 130	12 x 12	720200001212

Packing unit: 8 pcs / carton display



Caulking gun

Professional, industrial-strength design. Dual-welded, rotatable metal cartridge housing. Especially useful for precise dispensing and application of adhesives, sealants and other liquid materials.

length (mm)	max. extrusion force (Nm)	article number
225	2500	710000000001

Packing unit: 1 pc



ADHESIVE TAPES



ADHESIVE TAPES

Masking tape

Features excellent adhesion to wood, metal, glass and plastered surfaces. Specifically strong, it is highly resistant to high temperatures (up to 60°C), making it widely used in construction, metalworking and even automotive painting.

Suitable for precise painting of walls, drywall and other surfaces. Made with natural rubber adhesive, the tape thickness is 135µm. Easily tearable by hand, it maintains its adhesion for at least 24 hours after application. When removed within the recommended time frame, it will not tear or leave adhesive residue on the surface.

Color: natural white.

width (mm)	length (m)	carton unit (pcs)	article number
18	50	96	720047718000
36	50	48	720047736000
50	50	36	720047750000

Packing unit: 1 pc



Parcel tape

Adhesive tape for packing cartons and boxes.

Strong film backing, quiet and comfortable unwinding with "low noise" design.

Use with a manual dispenser.

Thickness: 48 µ.

width (mm)	length (m)	color	carton unit (pcs)	article number
50	50	transparent	48	090605050002
50	50	brown	48	090605050001

Packing unit: 1 pc



NEW Hand tape dispenser

Professional quality from a metal + plastic housing featuring a tension adjuster. **Suitable** for 50 mm wide adhesive tape.



article number
090666010000

Packing unit: 1 pc

ADHESIVE TAPES

Utility DUCT TAPE

A versatile, ultra-strong adhesive tape **suitable** for general use. Easily tearable across the width, it has exceptional tensile strength along the length. The specially formulated adhesive provides high adhesion to a wide variety of surfaces.

Suitable for use in extreme weather conditions.
Waterproof, UV-resistant, weatherproof.



width (mm)	length (m)	color	carton unit (pcs)	article number
48	25	silver	36	090630048251
48	25	black	36	090630048252
NEW 48	25	white	36	090630048253

Packing unit: 1 pc



NEW

Self-adhesive aluminum tape

65-micron thick aluminum adhesive tape.

Weather-resistant, provides a perfect seal when used properly.

Suitable for ventilation and air conditioning systems, stove pipes, and all applications requiring durability, heat/cold resistance, or strong UV protection.

width (mm)	length (m)	color	carton unit (pcs)	article number
50	10	shiny silver	48	090689100000

Packing unit: 1 pc



NEW

Self-adhesive aluminum foil tape

45-micron thick aluminum foil tape.

Vapor-barrier adhesive tape for connecting floor underlays and securing pipe insulation foam.

width (mm)	length (m)	color	carton unit (pcs)	article number
50	50	shiny silver	48	090689500000

Packing unit: 1 pc



ABRASIVES



ABRABORO® FLAP DISCS

Flap discs

ABRABORO® type G-QA (brown)

High quality flap discs with aluminium-oxide grit.
High density for maximum wear out and lifetime.
Suitable for steel and wood.

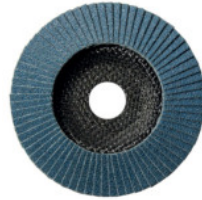


grit	40	60	80	120
size D x d (mm)	article number	article number	article number	article number
115 x 22	050711504008	050711506008	050711508008	050711512008
125 x 22	050712504008	050712506008	050712508008	050712512008

Packing unit: 10 pcs / pack

ABRABORO® type G-QZ (blue)

High quality quality flap discs with zirconium grit.
High density for maximum wearout and lifetime.
Suitable for steel and stainless steel.



grit	40	60	80	120
size D x d (mm)	article number	article number	article number	article number
115 x 22	050711504007	050711506007	050711508007	050711512007
125 x 22	050712504007	050712506007	050712508007	050712512007

Packing unit: 10 pcs / pack

ABRABORO® type P-QK (red)

Premium quality grinding disc with self-harpening ceramic grains. Advantages over traditional flap discs:

- up to four times longer lifespan
- extremely high material removal speed
- finer and more even surface finish
- no material discoloration



grit	40	60	80	120
size D x d (mm)	article number	article number	article number	article number
115 x 22	050711504010	050711506010	050711508010	050711512010
125 x 22	050712504010	050712506010	050712508010	050712512010

Packing unit: 10 pcs / pack

Suitable for grinding stainless (acid-resistant) steel, titanium and nickel alloys.

ABRABORO® type ALU-QZ (light blue)

Premium quality quality flap discs with zirconium grit. High density for maximum wear out and lifetime.
Suitable for aluminium.



grit	coarse	fine
size D x d (mm)	article number	article number
125 x 22	050712506006	050712512006

Packing unit: 10 pcs / pack



Polishing flap disc

Thanks to the high grinding performance of the abrasive cloth flaps, it provides perfect cleaning and polishing on all metal surfaces. By choosing the appropriate grit size (coarse, medium and fine), various tasks can be performed.

Suitable for:

- rust removal and descaling of metal surfaces
- preparing and cleaning welding seams
- surface preparation before painting
- removal of oxide layers and paint coatings
- polishing stainless (acid-resistant) steel, aluminum, inox, copper, brass, wood and plastic
- general surface cleaning tasks
- surface repair and removal of surface defects (light scratches)



size D x d (mm)	coarse (brown)	medium (red)	fine (blue)
	article number	article number	article number
115 x 22	050711502001	050711502002	050711502003
125 x 22	050712502001	050712502002	050712502003

Interleaved flap disc

Aluminum oxide abrasive cloth and non-woven combination.

Suitable for removing surface scratches and light burrs.



grit	60	100	150
size D x d (mm)	article number	article number	article number
115 x 22	040254530060	040254530100	040254530150



COATED ABRASIVES

Fibre discs

Resin bonded fibre discs with crosscut hole. Excellent removal, long lifetime



Type KFR

Grain: aluminium-oxide (A/O), brown
Suitable for metal and wood.

grit	16	24	36	40	60	80	100	120
size D (mm)	article number	article number	article number	article number	article number	article number	article number	article number
115 x 22	030411501601	030411502401	030411503601	030411504001	030411506001	030411508001	030411510001	030411512001
125 x 22	030412501601	030412502401	030412503601	030412504001	030412506001	030412508001	030412510001	030412512001
180 x 22	030418001601	030418002401	030418003601	030418004001	030418006001	030418008001	030418010001	030418012001

Packing unit: 25 pcs / pack



Type CER

Grain: ceramic; red
Suitable for stainless steel, high alloyed steel, brass and bronze

grit	24	36	40	60	80	120
size D (mm)	article number	article number	article number	article number	article number	article number
125 x 22	030412502404	030412503604	030412504004	030412506004	030412508004	030412512004

Packing unit: 25 pcs / pack



Type SF

Grain: silicon-carbide (SiC), grey
Suitable for stone.

grit	16	24	36	40	60	80
size D (mm)	article number	article number	article number	article number	article number	article number
115 x 22	030411501602	030411502402	030411503602	030411504002	030411506002	030411508002
125 x 22	030412501602	030412502402	030412503602	030412504002	030412506002	030412508002
180 x 22	030418001602	030418002402	030418003602	030418004002	030418006002	030418008002

Packing unit: 25 pcs / pack

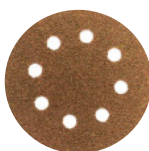
Velcro discs

Corundum grains in solid resin bond. From coarse grinding to fine machining. Available in full and perforated versions, in circular and triangular shapes.

Grain quality: aluminum oxide (A/O), brown color.

Suitable for: metal, wood.

Without holes



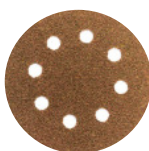
grit	40	60	80	120	180	240	320
size D (mm)	article number	article number	article number	article number	article number	article number	article number
115	030411504006	030411506006	030411508006	030411512006	030411518006	030411522006	030411532006
125	030412504006	030412506006	030412508006	030412512006	030412518006	030412522006	030412532006

Packing unit: 50 pcs / pack

grit	40	60	80	120	180	220	320
size D (mm)	article number	article number	article number	article number	article number	article number	article number
115	030411504056	030411506056	030411508056	030411512056	030411518056	030411522056	030411532056
125	030412504056	030412506056	030412508056	030412512056	030412518056	030412522056	030412532056

Packing unit: 5 pcs / pack

With 8 holes



grit	40	60	80	120	180	240	320
size D (mm)	article number	article number	article number	article number	article number	article number	article number
125	030412504008	030412506008	030412508008	030412512008	030412518008	030412522008	030412532008

Packing unit: 50 pcs / pack

grit	40	60	80	120	180	220	320
size D (mm)	article number	article number	article number	article number	article number	article number	article number
125	030412504058	030412506058	030412508058	030412512058	030412518058	030412522058	030412532058

Packing unit: 5 pcs / pack

With 6 holes



grit	40	60	80	120	180	240
size D (mm)	article number	article number	article number	article number	article number	article number
150	030415004007	030415006007	030415008007	030415012007	030415018007	030415022007

Packing unit: 50 pcs / pack

With 6 holes



grit	40	60	80	120	180	240
size D (mm)	article number	article number	article number	article number	article number	article number
94 x 94	030494940040	030494940060	030494940080	030494940120	030494940180	030494940220

Packing unit: 50 pcs / pack

NEW



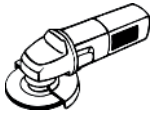
NEW



BACKING PADS

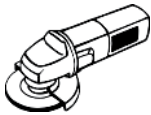
Backing pads

For fibre discs and semi-flex discs.
Delivered with nut for angle grinders.



size D (mm)	thread	article number
115	M 14	050711500000
125	M 14	050712500000
150	M 14	050715000000
180	M 14	050718000000
230	M 14	050723000000

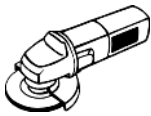
Velcro backing pads



size D (mm)	thread	article number
115	M 14	050711501000
125	M 14	050712510000
180	M 14	050718001000

Velcro backing pads, soft, with foam backing

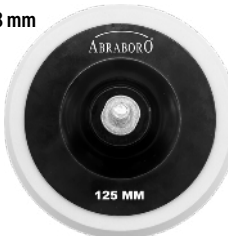
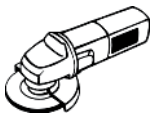
Thickness: 12 mm



size D (mm)	thread	article number
115	M 14	050711500002
125	M 14	050712500002

Velcro backing pad 2 in 1

With M 14 thread for angle grinders and with D 8 mm adapter for use in drilling machines.



size D (mm)	thread	article number
125	M 14, 8 mm adapter	050712500001

Velcro backing pads with STARLOCK mounting system

For Delta velcro backing pads.

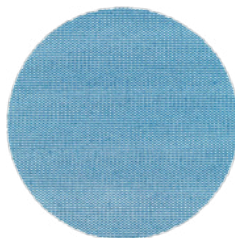


length (mm)	width (mm)	article number
93	93	070202051000

Velcro sanding mesh

Premium quality made from ceramic grain.

For use with a Velcro backing pad (D 125 mm) or with an electric giraffe wall sander (D 225 mm).



D 125 mm		D 225 mm	
grit	article number	grit	article number
60	030412500060	60	030422500060
80	030412500080	80	030422500080
120	020312500120	120	020322500120
180	020312500180	180	020322500180
240	020312500240	240	020322500240

Packing unit: 50 pcs/pack

Packing unit: 25 pcs/pack

ABRASIVES

Mounted points

Various shaped mounted points with aluminum oxide grains for sanding different metal surfaces and hard-to-reach areas. Can be used in a straight grinder or drill. Color: pink.

Suitable for working with steel, alloyed steel and stainless steel.

Recommended peripheral speed: 25-40 m/s.

A type



D x width x shank (mm)	article number
5 x 10 x 3	040210050100
10 x 10 x 3	040210100100
10 x 20 x 6	040210100200
15 x 15 x 6	040210130130
15 x 20 x 6	040210160200
15 x 30 x 6	040210160250
20 x 20 x 6	040210200200
20 x 25 x 6	040210200250
25 x 25 x 6	040210250250
30 x 20 x 6	040210320100
30 x 30 x 6	040210300300
30 x 40 x 6	040210250400

C type



D x width x shank (mm)	article number
10 x 20 x 6	040210100201
15 x 40 x 6	040210150400
20 x 30 x 6	040210200300
25 x 40 x 6	040210250401

S type



D x width x shank (mm)	article number
15 x 6	040210130000
20 x 6	040210160000
25 x 6	040210250000

Cylindrical mounted points with bakelite bonding

Hollow-shaped mounted grinding stone with bakelite bonding. Can be used in a straight grinder or drill. Color: black.

Suitable for working with stainless and acid-resistant steel and steel alloys.

Recommended peripheral speed: 35-50 m/s.

A type



D x width x shank (mm)	article number
10 x 30 x 6	040220100300
15 x 30 x 6	040220150300
20 x 30 x 6	040220200300
25 x 35 x 6	040220250350
30 x 30 x 6	040220300300
40 x 20 x 6	040220400200
40 x 35 x 6	040220400350
50 x 10 x 6	040220500100
50 x 20 x 6	040220500200



Sanding pads **PRIMA**

Aluminum Oxide abrasive in solid resin bond.

Suitable for large surface grinding, paint removal and wood processing.



width x length x height (mm)	grit	article number
100 x 70 x 25	60	030410006001
100 x 70 x 25	100	030410100001
100 x 70 x 25	180	030410180001

3 pcs sponge pad (124 x 98 x 12)	article number
1 x K60 K100 K180	030412400003

ABRASIVES

Non-woven hand pads and economy rolls

A highly flexible abrasive with an embedded abrasive grain, featuring a mesh structure. **Suitable** for use both dry and wet, water and oil-resistant.

Suitable for removing light contamination, oxide layers, rust, as well as surface cleaning, finishing and polishing.

A/O: aluminium-oxide **brown** color

Suitable for steel, stainless steel, non-ferrous materials.

S/C: silicium-carbide **grey** color

Suitable for steel, stainless steel, non-ferrous materials.

Zircon Z: **blue** color

A/O universal: **green** color

Without grit: **white** color



hand pad 120 x 280 mm	
type	article number
A/O 180 fine grit	040215221201
A/O 280 very fine grit	040215221801
S/C 320 very fine grit	040215221802
S/C 400 ultra fine grit	040215223202
Z 180 fine grit, blue	040201805455
A/O universal, green	040200005455
without grit, white	040200005456

Packing unit: 20 sheets / pack



roll 100 mm x 10 m	
type	article number
A/O 180 fine grit	040212011201
A/O 280 very fine grit	040212011801
S/C 320 very fine grit	040212011802
S/C 400 ultra fine grit	040212013202

Packing unit: 1 pc

Velcro non-woven discs

Non-woven discs used on straight grinders and bench wheels for satin and finishing operations on shaped surfaces of wood and metal.

(To be used on ABRABORO velcro backing pads)



size D (mm)	type	article number
125	A/O180 fine grit	040201255450

Packing unit: 1 pc

Polishing paste

Bar-shaped, homogeneous, solid polishing paste for polishing and mirror-finishing various surfaces.

white: for metal, steel

blue: for polishing stainless steel, post-polishing

brown: for general use, pre-polishing of all metals

Application: Apply to a cloth wheel or directly to the workpiece surface.

Apply the paste with the machine running!



type	size (mm)	weight (g)	article number
white	75 x 30 x 13	2 x 50	040275301300
blue	75 x 30 x 13	2 x 50	040275301301
brown	75 x 30 x 13	2 x 50	040275301302

Packing unit: 2 pcs / box

POLISHING WHEELS

Polishing flap wheels with shaft

Cylindrical mounted polishing felt with medium hardness, especially with shape-retaining felt.

Suitable for pre-polishing and high-gloss polishing.
Recommended peripheral speed: 5-10 m/s.



D x width x shank (mm)	article number
15 x 20 x 6	040215200006
20 x 25 x 6	040220250006
25 x 30 x 6	040225300006
30 x 30 x 6	040230300006
50 x 40 x 6	040250400006

Cotton buffing wheel

For polishing various shaped and flat surfaces.
Made from whole, unbleached cotton sheets, medium hardness.
Suitable for all metals, for initial coarse metal removal and removes scratch marks from previous operations.

Felt wheel

Suitable for smoothing, polishing and buffing metal surfaces with the use of appropriate smoothing and polishing materials.



type	cotton buffing, mushroom type, cotton	cotton buffing wheel	felt wheel
D x width x shank (mm)	75 x 6	100 x 12 x 6	100 x 12 x 6
d (mm)	6	6	6
article number	040275750006	040210011600	040210012600

Polishing flap wheel

Highly flexible and contour-fitting polishing wheel for polishing and mirror finishing. White color.

Suitable for processing metal, stainless steel, aluminum, copper and wood.



D x width x shank (mm)	article number
40 x 30 x 6	040240300006
60 x 30 x 6	040260300006

Packing unit: 10 pcs / box

ABRABORO® gloss polishing flap disc

High-quality polishing pad made from felt flaps. Recommended for use with polishing paste.

Suitable for polishing and mirror finishing steel, stainless (acid-resistant) steel, aluminum and non-ferrous metals.



size D x d (mm)	article number
115 x 22	050711513000
125 x 22	050712513000

Packing unit: 1 pc

Unitized cup wheel

Pressed, non-woven, mesh-structured compact polishing pad with medium-grit silicon carbide abrasive. Even surface roughness. Long lifespan and comfortable working. Over-polishing and clogging are excluded!

Suitable for light deburring, polishing and finishing of stainless (acid-resistant) steel and other metals.



size D x d (mm)	article number
125 x 22	040212522002

Wool polishing wheel

For use with ABRABORO® D 125 mm backing pad (page 109).



size D (mm)	use with	article number
125	backing pad	040201250001

FLAP WHEELS

Flap wheels on shaft

Ideal universal tool for processing various metal and wood surfaces, edge breaking, deburring and structuring.

Grit: aluminum oxide (A/O), brown color

Suitable for: processing various metals, wood and plastics.



grit	40	60	80	120
D x width x shank (mm)	article number	article number	article number	article number
20 x 20 x 6	040220200401	040220200601	040220200801	040220201201
30 x 20 x 6	040230200401	040230200601	040230200801	040230201201
40 x 20 x 6	040240200401	040240200601	040240200801	040240201201
50 x 30 x 6	040250300401	040250300601	040250300801	040250301201
60 x 20 x 6	040260200401	040260200601	040260200801	040260201201
60 x 30 x 6	040260300401	040260300601	040260300801	040260301201
80 x 30 x 6	040280300401	040280300601	040280300801	040280301201
80 x 40 x 6	040280400401	040280400601	040280400801	040280401201

Grit: zirconia (Z), blue color

Suitable for: processing steel, stainless (acid-resistant) steel and titanium.



grit	40	60	80
D x width x shank (mm)	article number	article number	article number
40 x 20 x 6	040240200400	040240200600	040240200800
60 x 30 x 6	040260300400	040260300600	040260300800

Flap wheels with shaft, extra thin

Grit: Aluminium oxide, brown

Suitable for different metals, woods and plastic



grit	60	80	120
D x width x shank (mm)	article number	article number	article number
20 x 5 x 6	040220050601	040220050801	040220051201
40 x 5 x 6	040240050601	040240050801	040240051201
60 x 5 x 6	040260050601	040260050801	040260051201
80 x 5 x 6	040280050601	040280050801	040280051201

Flap wheels with shaft, sphere

Grit: Aluminium oxide, brown

Suitable for different metals, woods and plastic



grit	60	80	120
D x width x shank (mm)	article number	article number	article number
20 x 6	040220060601	040220060801	040220061201
40 x 6	040240060601	040240060801	040240061201

Flap wheels with shaft, long shank

Grit: Aluminium oxide, brown

Suitable for different metals, woods and plastic



grit	60	80	120
D x width x shank (mm)	article number	article number	article number
20 x 15 x 100	040220150601	040220150801	040220151201
30 x 15 x 150	040230150601	040230150801	040230151201

FLAP WHEELS

Non-woven wheel on shaft

Non-woven material, brown. For light deburring and cleaning parts of irregular shape, pipes or moulded parts, satin finishing, removing scale, marks.



D x width x shank (mm)	article number
40 x 20 x 6	040240200004
60 x 30 x 6	040260300004
80 x 30 x 6	040280300004
80 x 50 x 6	040280500004

Interleaf flap wheels on shaft

Made of a combination of cloth flaps and nonwoven material, brown. For light de-burring and cleaning parts of irregular shape, pipes or moulded parts, removing scale, marks.

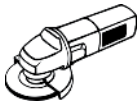


D x width x shank (mm)	article number
40 x 20 x 6	040240201505
60 x 30 x 6	040260301505
80 x 50 x 6	040280501505

Flap wheels with M14 hole

Grit: aluminum oxide (A/O), brown color

Suitable for processing various metals, steel, wood and plastics. Recommended for use with angle grinders (M14 threaded hole).

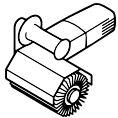


grit	60	80	120
D x width x thread (mm)	article number	article number	article number
125 x 20 x M 14	040212514060	040212514080	040212514120

Packing unit: 1 pc

Flap wheel for satin finishing machine

With aluminum oxide grains for longitudinal sanding. It also fits well to slightly uneven surfaces.

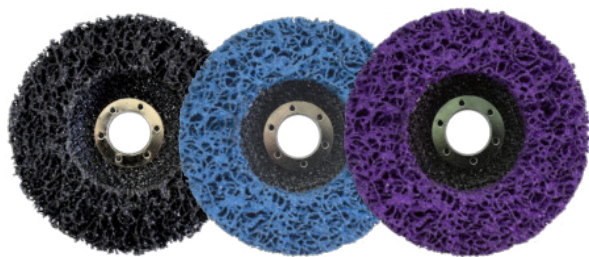


grit	A/O 40	A/O 60	A/O 80	A/O 120
D x width x hole (mm)	article number	article number	article number	article number
100 x 100 x 19,1	040211010040	040211010060	040211010080	040211010012

Packing unit: 1 pc

Course abrasive discs

Made of an open web of extruded nylon filaments bonded with extra coarse silicon-carbide grain. For process welding seams, rapid removing of scale and oxidation, removing paints or other clogging materials such as salt, rust, grease, oil and protective.



type size D (mm)	black magic article number	blue magic article number	purple magic article number
50 x 13 x 6 for drilling machine	040205013601		
75 x 13 x 6 for drilling machine	040207513601		
100 x 13 x 6 for drilling machine	040210013600		
115 x 22 sor angle grinder	040211522000	040211522001	040211522003
125 x 22 for angle grinder	040212522000	040212522001	040212522003
150 x 13 x 13 for linear grinder	040215013130		

Packing unit: 1 pc

black: standard quality, good performance

blue: premium quality, aggressive abrasive performance, long lifetime

purple: very aggressive abrasive performance

Shaft



type	article number
D 150 tárcsához	040200000006

ABRASIVE WHEELS

WHEELS FOR SATIN FINISHING MACHINE

Bosch, Flex, Metabo and other brands

A useful, versatile tool:

Metal working industry, car industry, DIY and renovations



Non-woven wheel

Coarse, medium: for fast surface cleaning, smoothing and removal of oxide layers, brown color.

Fine, very fine: for light surface cleaning tasks, uniform surface finishing, brown color.

Coarse HEAVY DUTY: excellent sanding performance, long lifespan (softer and less aggressive compared to BLACK MAGIC type), black color.



grit	coarse	medium	fine	very fine
D x width x hole (mm)	article number	article number	article number	article number
110 x 100 x 19,1	040211010004	040211010014	040211010024	040211010034

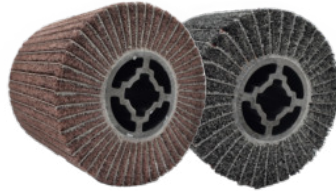
Packing unit: 1 pc

D x width x hole(mm)	grit	article number
100 x 100 x 19,1	HEAVY DUTY, coarse	040211010044

Packing unit: 1 pc

Interleaved flap wheel

Mixed cloth/non-woven flap wheels for manual polishing machine. Suitable for gentle grinding and finishing of the workpiece at the same time.



grit	A/O 60 brown	A/O 80 black	A/O 120 black
D x width x hole (mm)	article number	article number	article number
100 x 100 x 19,1	040211010005	040211010015	040211010025

Packing unit: 1 pc

BLACK MAGIC flap wheel

Suitable for removing scratches, matting.



D x width x hole (mm)	article number
110 x 100 x 19,1	040211010001

Packing unit: 1 pc

Felt flap wheel

Suitable for removing scratches, matting.



D x width x hole (mm)	article number
100 x 100 x 19,1	040210010006

Packing unit: 1 pc

Brass-Plated steel wire wheel

Suitable for removing paint and rust, deburring, antiquing wood surfaces.



D x width x hole(mm)	wire	article number
100 x 100 x 19,1	0.27 LIT	900590405454

Packing unit: 1 pc

REC centrifugal expanding wheel

Centrifugal expansion wheels to mount abrasive belts and surface conditioning on the manual satin finishing machine.



D x width x shank (mm)	article number
90 x 100 x 19,1	050709010001

Packing unit: 1 pc

COATED ABRASIVES

Endless belts

Resin bonded aluminium-oxide (A/O) cloth.
Suitable for grinding on wood, paint, metal.



grit	40	60	80	100	120
width x length (mm)	article number	article number	article number	article number	article number
75 x 457	030475454003	030475456003	030475458003	030475451003	030475451203
75 x 533	030475534003	030475536003	030475538003	030475531003	030475531203
100 x 610	030410614003	030410616003	030410618003	030410611003	030410611203

Packing unit: 10 pcs / carton box

NEW

grit	40	60	80	100	120
width x length (mm)	article number	article number	article number	article number	article number
75 x 457	030475454001	030475456001	030475458001	030475451001	030475451201
75 x 533	030475534001	030475536001	030475538001	030475531001	030475531201
100 x 610	030410614001	030410616001	030410618001	030410611001	030410611201

Packing unit: 3 pcs / pack



Abrasive sheets

LATEX high quality waterproof abrasive paper for automotive industry.
230 x 280 mm (DIN A/4)

AN PREMIUM abrasive clothes for working in metal industry.
230 x 280 mm (DIN A/4),
280 x 460 mm (DIN A/3)



grit	AN A/4 article number	AN A/3 article number
40	030400400504	030400400303
60	030400600504	030400600303
80	030400800504	030400800303
100	030401000504	030401000303
120	030401200504	030401200303
150	030401500504	
180	030401800504	
240	030402400504	

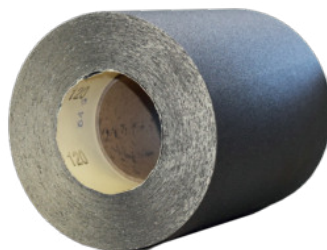
Packing unit: 50 sheets / pack

grit	LATEX A/4 article number	grit	LATEX A/4 article number
60	030400600404	360	030403600404
80	030400800404	400	030404000404
100	030401000404	500	030405000404
120	030401200404	600	030406000404
150	030401500404	800	030408000404
180	030401800404	1000	030410000404
220	030402200404	1200	030412000404
240	030402400404	1500	030415000404
280	030402800404	2000	030420000404
320	030403200404		

Packing unit: 100 sheets / pack

Parquet grinding cloth and paper in roll

SE-RR abrasive paper, professional quality, long lifetime.



size width x length (mm)	type, grit	article number
200 x 25	SE-RR 24	030420025024
	SE-RR 36	030420025036
	SE-RR 40	030420025040
	SE-RR 60	030420025060
	SE-RR 80	030420025080
	SE-RR 100	030420025100
	SE-RR 120	030420025120

Packing unit: 1 pc

ABRASIVES WITH QUICK-LOCK MOUNTING

NEW Rubber backing pad



Quick change, ready to use!

Screw the QUICK-LOCK sanding tool onto the backing pad of the same diameter.

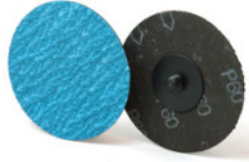


size D x shaft (mm)	article number
50 x 6	050650000000
75 x 6	050675000000

Packing unit: 1 pc

NEW Fiber disc

With zircon grit.



size D (mm)	grit	article number
50	36	050605003601
50	60	050605006001
50	80	050605008001
50	120	050605012001
75	36	050607503601
75	60	050607506001
75	80	050607508001
75	120	050607512001

Packing unit: 1 pc

NEW Non-woven abrasive disc



size D (mm)	grit	article number
50	coarse	050600500001
50	medium	050600500002
50	very fine	050600500003
75	coarse	050600750001
75	medium	050600750002
75	very fine	050600750003

Packing unit: 1 pc

NEW Flap disc

With zircon grit.



size D (mm)	grit	article number
50	40	050605000400
50	60	050605000600
50	80	050605000800
75	40	050607500400
75	60	050607500600
75	80	050607500800

Packing unit: 1 pc

NEW Conical flap wheel

With zircon grit.



size D (mm)	grit	article number
50	40	050605000401
50	60	050605000601
75	40	050607500401
75	60	050607500601

Packing unit: 1 pc

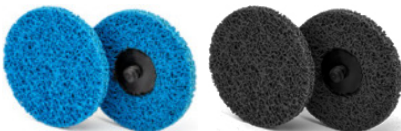
NEW Polishing pad



size D (mm)	article number
50	050605000030
70	050605000031

Packing unit: 1 pc

NEW Coarse abrasive disc



size D (mm)	grit	article number
50	blue	050650000010
75	blue	050675000010
50	black	050650000011
75	black	050675000011

Packing unit: 1 pc

NEW Felt polishing disc



size D (mm)	article number
50	050650000022
70	050675000022

Packing unit: 1 pc

MINI-TOOL SETS

NEW Cutting, grinding and polishing tools and accessories for high-speed multifunctional machines
(e.g. Dremel, Proxxon)

article	article number
Brush set 18 pcs 6 x wire brush, copper 6 x wire brush, steel 6 x nylon brush	040100001800
Felt wheel set 34 pcs 25 x D 25 mm polishing felt disc 6 x polishing pen 3 x adapter	040100003400
Grinding set 63 pcs 10 x D 12,7 x 12,7 mm K 80 sanding belt 10 x D 12,7 x 9,53 mm K 80 sanding belt 10 x D 12,7 x 6,35 mm K 80 sanding belt 10 x D 12,7 x 12,7 mm K 120 sanding belt 10 x D 12,7 x 9,53 mm K 120 sanding belt 10 x D 12,7 x 6,35 mm K 120 sanding belt 3 x adapter	040100006300
Flap wheel set 10 pcs 10 x D 30 mm K80 flap wheel	040100001000
Grinding set 140 pcs 36 x D 23 x 0,5 mm cutting disc 36 x D 23 x 0,7 mm cutting disc 36 x D 19 mm K 180 grinding paper 36 x D 19 mm K 220 grinding paper 1 x backing pad 1 x shaft	040100001400
Grinding set 78 pcs 35 x D 19 mm K 220 grinding paper 30 x D 23 mm cutting disc 5 x D 32 mm circular saw blade 3 x D 3 mm HSS metal drill bit 1 x shaft 1 x D 22 mm diamond disc 1 x D 22 mm INOX circular saw blade 1 x D 3 mm HSS burr 1 x backing pad	040100007800
208 pcs mix set 10 x D 12,7x12,7 mm sanding belt 10 x D 12,7x6,35 mm sanding belt 2 x shaft 1 x D 30 mm flap wheel 4 x collet 3 x adapter 1 x adapter for felt wheel 1 x 9,6 mm wrench 4 x D 30 mm felt polishing wheel 1 x D 25 mm felt polishing wheel 1 x D 19 mm felt tip 1 x D 22 mm cotton disc 1 x D 20 mm rubber emery wheels 46 x D 24 x 0,45 mm cutting disc 30 x D 24 x 0,70 mm cutting disc 1 x polishing compound 44 x D 20 mm sanding disc 5 x D 32 mm cutting disc 6 x D 20 mm SiC grinding wheel 6 x D 20 mm A/O grinding wheel 3 x D 3 mm HSS cutter 4 x D 3 mm diamond point drill bit 3 x D 1,6 mm 2,35 mm 3,2 mm HSS drill bit 3 x wire brush 3 x bristle brush 3 x brass wire brush 10 x D 3,17 mm SiC grinding stone 1 x dressing stone	040100002080



BITS AND SCREWDRIVERS



BIT HOLDERS

	type	size (mm)	Packing unit (pcs/pack)	article number
	Magnetic bitholder E 6,3	1/4" x 58	5	060803810390
	Magnetic bitholder E 6,3	1/4" x 100	1	060803810590
	Magnetic bitholder E 6,3	1/4" x 150	1	060803810790
	Magnetic bitholder E 6,3	1/4" x 200	1	060803810890
	FIX Magnetic bitholder quick-coupling E 6,3	1/4" x 60	1	060805910450
	Magnetic spacer for gypsum board E 6,3	1/4" x 60	1	060805910390
 	Magnetic bitholder SDS Plus	1/4" x 78	1	060805810290
	Adapter E 6,3	1/4" x 50	1	060809701310
	Dimpler / PH 2 x 25 for plasterboard (short) E 6,3	25	5	060805911111
	Dimpler / PH 2 x 50 for plasterboard (long) E 6,3	50	1	060805911112

Magnetic bitholder

Blade: manufactured of CroMoV-steel

Handle: bi-component materials, ergonomic design, high torque generation and transmission, slip resistant grip, resistant to oil and chemicals

	size (mm)	article number
	1/4" x 100 mm	060957361001

Packing unit: 3 pcs / pack



Flexible bitholders

Flexible bit holder for both manual and machine use.

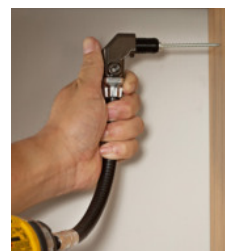
Ideal for tight, hard-to-reach spaces.

Suitable for both right- and left-handed users.

Side handle for manual drive.

size (mm)	type	article number
E 6,3 1/4" x 300 mm	angle	060914300000
E 6,3 1/4" x 300 mm	straight	060914300001

Packing unit: 1 pc / pack



BITS

Screwdriver bits with 1/4" C 6,3 drive (25 mm long) and 1/4" E 6,3 drive (50-152 mm long) according to DIN 3126.



ABRABORO® SUPRA bit

High quality tools with torsion zone for industrial and professional use. The torsion bit is excellently suited for cushioning load peaks, this guarantees a longer tool life. A newly developed hardening process (CoN - Cool Nitrogen) results better clamping effect, higher torque and provides enhanced corrosion protection. Finish: silver



ABRABORO® SUPRA-TiN bit

Double coated TiN- bits; TiN-coating is followed by ZRN-coating making a high quality tool even for rough applications. The micro-rough ZrN-surface gives a better grip in the screw head and results better resistance to wear, to abrasion and longer lifetime. Finish: silver/gold



	type, length (mm)	SUPRA (10 pcs/cs) article number	SUPRA XXL (100 pcs/cs) article number	SUPRA-TiN (10 pcs/cs) article number	SUPRA-TiN XXL (100 pcs/cs) article number
⊖	0,6 x 4,5 x 25	060802031010			
	0,8 x 5,5 x 25	060802041010			
	1,0 x 5,5 x 25	060802052010			
	1,2 x 6,5 x 25	060802061010			
	0,6 x 4,5 x 50	060803031510			
	0,8 x 5,5 x 50	060803041510			
	1,0 x 5,5 x 50	060803052510			
	1,2 x 6,5 x 50	060803061510			
+	PH 0 x 25	060802200010			
	PH 1 x 25	060802201010	060802201017	060802201070	060802201077
	PH 2 x 25	060802202010	060802202017	060802202070	060802202077
	PH 3 x 25	060802203010	060802203017	060802203070	060802203077
	PH 4 x 38	060802204210			
	PH 1 x 50	060803201510		060803201570	
	PH 2 x 50	060803202510		060803202570	
	PH 3 x 50	060803203510		060803203570	
	PH 1 x 70	060803201710		060803201770	
	PH 2 x 70	060803202710		060803202770	
	PH 3 x 70	060803203710			
	PH 1 x 110	060803201810			
	PH 2 x 110	060803202810			
	PH 3 x 110	060803203810			
	PH 1 x 127	060803201820			
	PH 2 x 127	060803202820			
	PH 3 x 127	060803203820			
	PH 1 x 152	060803201910			
	PH 2 x 152	060803202910			
	PH 3 x 152	060803203910			
✳	PZ 0 x 25	060802100010			
	PZ 1 x 25	060802101010	060802101017	060802101070	060802101077
	PZ 2 x 25	060802102010	060802102017	060802102070	060802102077
	PZ 3 x 25	060802103010	060802103017	060802103070	060802103077
	PZ 4 x 38	060802104210			
	PZ 1 x 50	060803101510		060803101570	
	PZ 2 x 50	060803102510		060803102570	
	PZ 3 x 50	060803103510		060803103570	
	PZ 1 x 70	060803101710		060803101770	
	PZ 2 x 70	060803102710		060803102770	
	PZ 3 x 70	060803103710			
	PZ 1 x 110	060803101810			
	PZ 2 x 110	060803102810			
	PZ 3 x 110	060803103810			
	PZ 1 x 127	060803101820			
	PZ 2 x 127	060803102820			
	PZ 3 x 127	060803103820			
	PZ 1 x 152	060803101910			
	PZ 2 x 152	060803102910			
	PZ 3 x 152	060803103910			
⊙	2 x 25	060802420010			
	2,5 x 25	060802425010			
	3 x 25	060802430010			
	4 x 25	060802440010			
	5 x 25	060802450010			
	6 x 25	060802460010			
⊠	SQ 1 x 25	060802510010			
	SQ 2 x 25	060802520010			
	SQ 3 x 25	060802530010			

890 pcs SUPRA bit display

article number: 060800000420

Please contact our sales colleague for more information



BITS



Packing unit: length 25/50 mm: 10 pcs / pack
length 70 mm: 3 pcs / pack
length 110/127/152 mm: 3 pcs / EV-Pack

	type, length (mm)	SUPRA article number	SUPRA-TIN article number
★	Torx 5 x 25	060802605010	
	Torx 6 x 25	060802606010	
	Torx 7 x 25	060802607010	
	Torx 8 x 25	060802608010	
	Torx 9 x 25	060802609010	
	Torx 10 x 25	060802610010	060802610070
	Torx 15 x 25	060802615010	060802615070
	Torx 20 x 25	060802620010	060802620070
	Torx 25 x 25	060802625010	060802625070
	Torx 27 x 25	060802627010	
	Torx 30 x 25	060802630010	060802630070
	Torx 40 x 25	060802640010	060802640070
	Torx 10 x 50	060803610510	
	Torx 15 x 50	060803615510	
	Torx 20 x 50	060803620510	
	Torx 25 x 50	060803625510	
	Torx 30 x 50	060803630510	
	Torx 40 x 50	060803640510	
	Torx 10 x 70	060803610710	
	Torx 15 x 70	060803615710	
★	Torx 20 x 70	060803620710	
	Torx 25 x 70	060803625710	
	Torx 30 x 70	060803630710	
	Torx 40 x 70	060803640710	
	Torx 20 x 152	060803620910	
	Torx 25 x 152	060803625910	
	Torx 30 x 152	060803630910	
	Torx 40 x 152	060803640910	
	Torx tamper 20 x 25	060802720010	
	Torx tamper 25 x 25	060802725010	
	Torx tamper 30 x 25	060802730010	
	Torx tamper 40 x 25	060802740010	

ABRABORO® IMPACT bit

A specialized, high-load screwdriver bit with a torsion zone and E 6,3 drive. Particularly recommended for heavy-duty screwing tasks, especially for use in impact drivers (pulse screwdrivers). The torsion zone absorbs the stress peaks generated by impact energy.

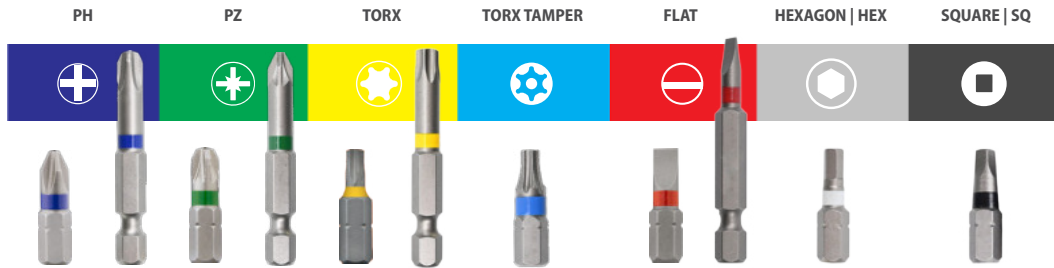
Made from special material, the tool is flexible yet tough, highly impact-resistant and difficult to break. The special zinc-nickel (ZnNi) coating provides high corrosion protection. Wide range of applications, long lifetime.



	type, length (mm)	article number
+	PH 1 x 50	061802201080
	PH 2 x 50	061802202080
	PH 3 x 50	061802203080
+	PZ 1 x 50	061802101080
	PZ 2 x 50	061802102080
	PZ 3 x 50	061802103080
★	Torx 20 x 50	061802620080
	Torx 25 x 50	061802625080
	Torx 30 x 50	061802630080
	Torx 40 x 50	061802640080

Packing unit: 2 pcs / EV-Pack

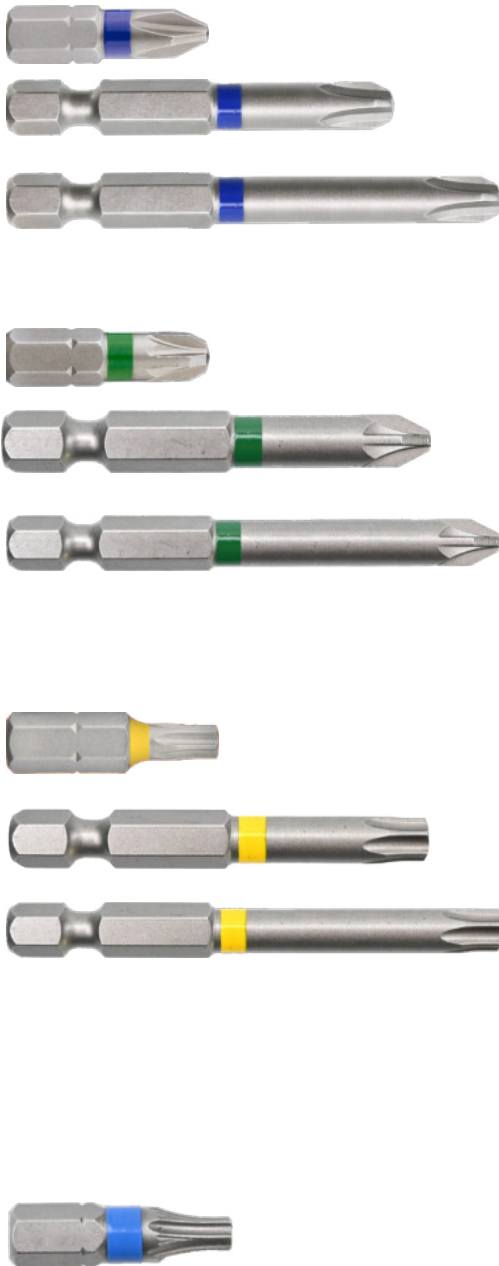
BITS



ABRABORO® POWER bit

High-quality bits with color-coded marking on the shank.
Excellent value for money.

25 mm length: C 6,3 ¼" hex shank
50 mm length: E 6,3 ¼" hex shank



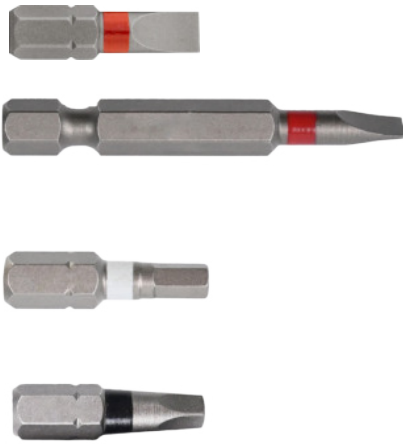
2 pcs / EV-Pack		1 pc / EV-Pack	
type, length (mm)	article number	type, length (mm)	article number
	PH 0 x 25	PH 4 x 35	061802204210
	PH 1 x 25	PH 1 x 75	061803201710
	PH 2 x 25	PH 2 x 75	061803202710
	PH 3 x 25	PH 3 x 75	061803203710
	PH 1 x 50	PH 1 x 100	061803201810
	PH 2 x 50	PH 2 x 100	061803202810
	PH 3 x 50	PH 3 x 100	061803203810
		PH 1 x 150	061803201910
		PH 2 x 150	061803202910
		PH 3 x 150	061803203910

	PZ 0 x 25	061802100010	PZ 4 x 35	061802104210
	PZ 1 x 25	061802101010	PZ 1 x 75	061803101710
	PZ 2 x 25	061802102010	PZ 2 x 75	061803102710
	PZ 3 x 25	061802103010	PZ 3 x 75	061803103710
	PZ 1 x 50	061803101510	PZ 1 x 100	061803101810
	PZ 2 x 50	061803102510	PZ 2 x 100	061803102810
	PZ 3 x 50	061803103510	PZ 3 x 100	061803103810
			PZ 1 x 150	061803101910
			PZ 2 x 150	061803102910
			PZ 3 x 150	061803103910

	Torx 5 x 25	061802605010	Torx 10 x 75	061803610710
	Torx 6 x 25	061802606010	Torx 15 x 75	061803615710
	Torx 7 x 25	061802607010	Torx 20 x 75	061803620710
	Torx 8 x 25	061802608010	Torx 25 x 75	061803625710
	Torx 9 x 25	061802609010	Torx 30 x 75	061803630710
	Torx 10 x 25	061802610010	Torx 40 x 75	061803640710
	Torx 15 x 25	061802615010	Torx 10 x 100	061803610100
	Torx 20 x 25	061802620010	Torx 15 x 100	061803615100
	Torx 25 x 25	061802625010	Torx 20 x 100	061803620100
	Torx 30 x 25	061802630010	Torx 25 x 100	061803625100
	Torx 40 x 25	061802640010	Torx 30 x 100	061803630100
	Torx 10 x 50	061803610510	Torx 40 x 100	061803640100
	Torx 15 x 50	061803615510	Torx 10 x 150	061803610910
	Torx 20 x 50	061803620510	Torx 15 x 150	061803615910
	Torx 25 x 50	061803625510	Torx 20 x 150	061803620910
	Torx 30 x 50	061803630510	Torx 25 x 150	061803625910
	Torx 40 x 50	061803640510	Torx 30 x 150	061803630910
			Torx 40 x 150	061803640910

2 pcs / EV-Pack	
type, length (mm)	article number
	Torx Tamper 10 x 25
	061802610070
	Torx Tamper 15 x 25
	061802615070
	Torx Tamper 20 x 25
	061802620070
	Torx Tamper 25 x 25
	061802625070
	Torx Tamper 30 x 25
	061802630070
	Torx Tamper 40 x 25
	061802640070

BITS



2 pcs / EV-Pack		
	type, length (mm)	article number
●	0,6 x 4,5 x 25	061802031010
	0,8 x 5,5 x 25	061802041010
	1,2 x 6,5 x 50	061802061010
	0,6 x 4,5 x 50	061803031510
	0,8 x 5,5 x 50	061803041510
	1,2 x 6,5 x 50	061803061510
●	HEX 2 x 25	061802420010
	HEX 3 x 25	061802430010
	HEX 4 x 25	061802440010
	HEX 5 x 25	061802450010
	HEX 6 x 25	061802460010
■	SQ 1 x 25	061802510010
	SQ 2 x 25	061802520010
	SQ 3 x 25	061802530010

	25 pcs / Packing unit	100 pcs / Packing unit
size	article number	article number
PH 1 x 25 mm	061802201015	061802201017
PH 2 x 25 mm	061802202015	061802202017
PH 3 x 25 mm	061802203015	061802203017
PZ 1 x 25 mm	061802101015	061802101017
PZ 2 x 25 mm	061802102015	061802102017
PZ 3 x 25 mm	061802103015	061802103017

ABRABORO® 168 pcs POWER BIT display

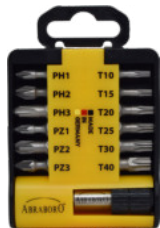
article number: 061800000420

Content

pack	type, size	pack	type, size
5 x	PH 1 x 25 mm	5 x	Torx 30 x 25 mm
5 x	PH 2 x 25 mm	5 x	Torx 40 x 25 mm
5 x	PH 3 x 25 mm	5 x	Torx 10 x 50 mm
5 x	PH 1 x 50 mm	5 x	Torx 15 x 50 mm
5 x	PH 2 x 50 mm	5 x	Torx 20 x 50 mm
5 x	PH 3 x 50 mm	5 x	Torx 25 x 50 mm
5 x	PZ 1 x 25 mm	5 x	Torx 30 x 50 mm
5 x	PZ 2 x 25 mm	5 x	Torx 40 x 50 mm
5 x	PZ 3 x 25 mm	5 x	HEX 3 x 25 mm
5 x	PZ 1 x 50 mm	5 x	HEX 4 x 25 mm
5 x	PZ 2 x 50 mm	5 x	HEX 5 x 25 mm
5 x	PZ 3 x 50 mm	5 x	0,6 x 4,5 x 25 mm
5 x	Torx 10 x 25 mm	5 x	0,8 x 5,5 x 25 mm
5 x	Torx 15 x 25 mm	5 x	1,2 x 6,5 x 25 mm
5 x	Torx 20 x 25 mm	9 x	13 pcs bit set PH/PZ/TX
5 x	Torx 25 x 25 mm	9 x	magnetic bitholder FIX 1/4" x 60 mm



BIT SETS



type	content	article number
31 pcs bit set	2 x PH 1 3 x PH 2 1 x PH 3 1 x Torx 10 2 x Torx 15 2 x Torx 20 3 x Torx 25 3 x Torx 30 1 x Torx 40 2 x PZ 1 / 8 x PZ 2 / 2 x PZ 3 1 x Magnetic bitholder 1/4" x 60 mm	060802060031
17 pcs wood drill- and bit set	4 x wood drill bit E 6,3 D 3 4 5 6 mm 1 x PH 1 PH 2 PZ 1 1 x Torx 10 15 20 25 3 x PZ 2 2 x Torx 30 1 x Magnetic bitholder 1/4" x 60 mm	060805700017
17 pcs screw extractor and bit set	1 x PH 1 PH 2 PH 3 1 x PZ 1 PZ 2 PZ 3 1 x Torx 10 Torx 15 Torx 20 Torx 25 Torx 30 Torx 40 1 x Magnetic bitholder 1/4" x 60 mm 1 x screw extractor No. 1 2 3 4	060958000017
13 pcs bit set in 12 pcs display	1 x PH 1 PH 2 PH 3 1 x PZ 1 PZ 2 PZ 3 1 x Torx 10 15 20 25 30 40 1 x Magnetic bitholder 1/4" x 58 mm	060802060013
13 pcs bit set TiN	1 x PH 1 PH 2 PH 3 1 x PZ 1 PZ 2 PZ 3 1 x Torx 10 15 20 25 30 40 1 x Magnetic bitholder 1/4" x 58 mm	060802060213
13 pcs bit set	1 x PH 1 PH 2 PH 3 1 x PZ 1 PZ 2 PZ 3 1 x Torx 10 15 20 25 30 40 1 x Magnetic bitholder 1/4" x 58 mm	060802060113
6 pcs bit set 50 mm in 12 pcs display	1 x PH 2 x 50 mm 1 x PZ 2 x 50 mm 1 x Torx 20 25 30 40 x 50 mm	060802060012
34 pcs bit set in 6 pcs display	1 x PH 1 PH 3 2 x PH 2 1 x PZ 1 PZ 3 2 x PZ 2 1 x Torx 5 6 7 8 9 10 15 20 25 27 30 40 1 x TorxTampor 20 25 30 40 1 x 4,5 x 0,6 5,5 x 0,8 6,0 x 1,0 6,5 x 1,2 1 x HEX 2 3 4 5 6 1 x Magnetic bitholder 1/4" x 60 mm	060802060034

BIT SETS, SOCKET SETS



type	content	article number
22 pcs Spline socket set	SPLINE 1/4" 4 4,5 5 5,5 6 7 8 9 10 11 12 13 14 mm 1 x ratchet 150 mm 1 x handle non-slip 1 x 1/4" sliding T-bar 1 x 1/4" extension bar 50 mm 1 x 1/4" extension bar 100 mm 1 x 1/4" extension bar 150 mm 1 x universal joint 1 x 1/4" adapter 30 mm 1 x 1/4" x 1/4" bit holder	060805700022
Ratchet with a 2-component anti-slip handle	for 22 pcs SPLINE Socket set 1/4" x 150 mm	060805700002
30 pcs Spline socket and bit set	1 x PH 1 1 x PH 2 1 x PH 3 1 x PZ 1 4 x PZ 2 1 x PZ 3 1 x Torx 10 Torx 15 Torx 20 Torx 25 Torx 30 Torx 40 1 x SW 3 1 x SW 4 1 x SW 5 SPLINE 1/4" 6 7 8 9 10 11 12 13 14 1 x inox ratchet	060805700030
Ratchet INOX	for 30 pcs SPLINE Socket and bit set 1/4" x 90 mm	060805700001

Screw extractor set, 5 pcs

For the removal of stuck screws.



content	article number
No. 1 2 3 4 5	060958000005

Key assortments



type	content	article number
Set of hexagon key wrenches, short type, 9 pcs	1,5 2 2,5 3 4 5 6 8 10	060899248226
Set of hexagon key wrenches, long type, 9 pcs	1,5 2 2,5 3 4 5 6 8 10	060899242856
Set of hexagon key wrenches with ball head, long type, 9 pcs	1,5 2 2,5 3 4 5 6 8 10	060899242616
Set of Torx key wrenches, long type, 8 pcs	Torx 9 10 15 20 25 27 30 40	060899511380
MAMMUT hexagon key wrenches / folding-set, 8 pcs	1,5 2 2,5 3 4 5 6 8	060899271168
MAMMUT Torx key wrenches / folding-set, 8 pcs	Torx 9 10 15 20 25 27 30 40	060899571180

SCREWDRIVERS

Screwdrivers for professionals

black line, with black-red handle

Blade: manufactured from CrMoV-steel, blackened tip

Handle: bi-component materials, ergonomic design, high torque generation and transmission, slip resistant grip, resistant to oil and chemicals



	size (mm)	article number
-	2,5 x 0,4 x 75	060951607525
	3,0 x 0,5 x 100	060951310030
	3,5 x 0,6 x 100	060951610035
	4,0 x 0,8 x 100	060951310040
	5,5 x 1,0 x 125	060951312555
	6,5 x 1,2 x 150	060951315065
	8,0 x 1,2 x 175	060951317580
+	PH 0 x 60	060952306000
	PH 1 x 80	060952308010
	PH 2 x 100	060952310020
	PH 3 x 150	060952315030
+	PZ 0 x 60	060953306000
	PZ 1 x 80	060953308010
	PZ 2 x 100	060953310020
	PZ 3 x 150	060953315030

Packing unit: 1 pc/hanger

Stubby screwdriver



	size (mm)	article number
-	5,5 x 1,0 x 38	060951702555
+	PH 1 x 25	060952602510
	PH 2 x 38	060952602520
+	PZ 1 x 38	060953602510
	PZ 2 x 38	060953602520

Packing unit: 1 pc/hanger

Screwdrivers with hexagon blade

Blade: manufactured from CrMoV-steel, blackened tip, go-thru blade, hexagon

Handle: bi-component materials, ergonomic design, high torque generation and transmission, slip resistant grip, resistant to oil and chemicals, with metal cap and wrench adapter



	size (mm)	article number
-	10,0 x 1,6 x 200	060951572001

Packing unit: 1 pc/hanger

Torx and Torx Tamper screwdrivers

Blade: manufactured from CrMoV-steel, blackened tip

Handle: bi-component materials, ergonomic design, high torque generation and transmission, slip resistant grip, resistant to oil



	size (mm)	article number
*	Torx 6 x 60	060954060060
	Torx 8 x 60	060954060080
	Torx 10 x 80	060954080100
	Torx 15 x 80	060954080150
	Torx 20 x 100	060954100200
	Torx 25 x 100	060954100250
	Torx 30 x 115	060954115300
	Torx 40 x 130	060954130400
*	Torx Tamper 10 x 80	060955080100
	Torx Tamper 15 x 80	060955080150
	Torx Tamper 20 x 100	060955100200
	Torx Tamper 25 x 100	060955100250
	Torx Tamper 30 x 115	060955115300

Packing unit: 1 pc/hanger

SCREWDRIVERS

NEW Hexagon screwdrivers

Blade: manufactured from CroMoV-steel

Handle: bi-component materials, ergonomic design, high torque generation and transmission, slip resistant grip, resistant to oil and chemicals



	size (mm)	article number
	7 x 125	060957112507
	8 x 125	060957112508
	10 x 125	060957112510
	12 x 125	060957112512
	13 x 125	060957112513

Packing unit: 1 pc/hanger

Insulated screwdrivers

According to EN 60900 and IEC 900, professional quality, VDE certificated red line, with red handle

Blade: manufactured from CroMoV-steel, moulded blade insulation

Handle: bi-component materials, ergonomic design, high torque generation and transmission, slip resistant grip, resistant to oil and chemicals



	size (mm)	article number
	3,0 x 0,5 x 75	060952110030
	4,0 x 0,8 x 100	060952110040
	5,5 x 1,0 x 125	060952112555
	PH 1 x 80	060952208010
	PH 2 x 100	060952210020

Packing unit: 1 pc/hanger

Voltage tester

150 - 250 V / AC



	size (mm)	article number
	3,0 x 0,8 x 65	060836130001

Packing unit: 1 pc

NEW Ratchet extendable screwdriver with magnetic bitholder

15-piece set, 13 pcs POWER bits stored in the handle.

The magnetic bit holder is adjustable in length.

Handle: two-component, ergonomic, non-slip.



content type, length (mm)			article number
1 x PH 1 x 25	1 x Torx 10 x 25	1 x HEX 3 x 25	060957112507
1 x PH 2 x 50	1 x Torx 15 x 25	1 x HEX 4 x 25	
1 x PZ 1 x 25	1 x Torx 20 x 25	1 x HEX 5 x 25	
1 x PZ 2 x 25	1 x Torx 25 x 25	1 x magnetic bitholder	
1 x 5,5 x 0,8 x 25	1 x Torx 30 x 25	1 x handle 125 mm	

Packing unit: 1 pc/hanger

Magnetic socket

Premium quality with a strong magnet and E 6,3 shank for hex head screws.



size D (mm)	length (mm)	article number
5,0	65	060803905010
6,0	65	060803906010
7,0	65	060803907010
8,0	65	060803908010
10,0	65	060803910010
13,0	65	060803913010

Packing unit: 1 pc/hanger

Magnetic socket set 5 pcs



content (D x 65 mm)	article number
6,0 7,0 8,0 10,0 13,0	060803900005

SCREWDRIVER SETS

ABRABORO® high-quality screwdriver in sets

T1 black line

7 pcs screwdriver set



	content	article number
⊖	3,0 x 100 4,0 x 100 5,5 x 125 6,5 x 150	060951307000
+	PH 1 x 80 PH 2 x 100	
+	PZ 2 x 100	

T2 black line

7 pcs screwdriver set



	content	article number
⊖	3,0 x 100 5,5 x 125 8,0 x 175	060951307001
+	PH 1 x 80 PH 2 x 100	
+	PZ 1 x 80 PZ 2 x 100	

T6 black line, Torx

7 pcs screwdriver set



	content	article number
	Torx 6 x 60 Torx 10 x 80 Torx 15 x 80	060954007000
⊕	Torx 20 x 100 Torx 25 x 100	
	Torx 30 x 115 Torx 40 x 130	

Insulated 1000 V

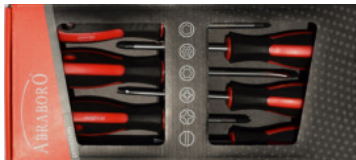
6 pcs screwdriver set



	content	article number
⊖	3,0 x 75 4,0 x 100 5,5 x 125	060952006000
+	PH 1 x 80 PH 2 x 100	
	Voltage tester	

Promo

6 pcs screwdriver set



	content	article number
⊖	3,0 x 75 5,5 x 100 6,5 x 125	060952006001
+	PH 1 x 80 PH 2 x 100	
+	PZ 2 x 100	

Precision screwdriver set MIXED

6 pcs screwdriver set
in plastic case



	content	article number
⊖	1,5 x 50 2 x 50 3 x 50	060951306001
+	PH 00 x 50 PH 0 x 50 PH 1 x 50	



Precision screwdriver set TORX

6 pcs screwdriver set
in plastic case



	content	article number
⊕	Torx 5 x 50 Torx 6 x 50 Torx 7 x 50	060951306002
	Torx 8 x 50 Torx 9 x 50 Torx 10 x 50	



HAND TOOLS, CONSTRUCTION TOOLS



PLIERS

Water pump pliers

The slim head design ensures easy access in tight spaces. Features a 7-stage classic quick adjustment mechanism. The inductively hardened teeth make it versatile, providing a stable and strong grip on all surfaces, even under the toughest conditions.

Material: Chrome-Vanadium steel with corrosion-resistant coating.



size (mm)	article number
180	080300000003
250	080300000001
300	080300000002

Water pump pliers SOFT GRIP

Premium quality with strong, hardened steel jaws and slip-resistant, plastic-coated handles. Inductively hardened, polished teeth. Adjustable via a release button to prevent unintentional readjustment.

Material: Chrome-Vanadium steel with corrosion-resistant black coating.



NEW

size (mm)	article number
125	080300000011
180	080300000007
250	080300000008
300	080300000009
400	080300000010

Combination pliers

Professional-grade pliers made from high-quality tool steel, ensuring long service life, precise gripping and cutting. Features an ergonomic, non-slip two-component handle for comfortable work and optimal force transfer.



size (mm)	article number
160	080300000020
180	080300000021

Diagonal cutting pliers

Professional-grade pliers made from high-quality tool steel, ensuring long service life, precise gripping and cutting. Features an ergonomic, non-slip two-component handle for comfortable work and optimal force transfer.



size (mm)	article number
160	080300000030

Long nose pliers

Professional-grade pliers made from high-quality tool steel, ensuring long service life, precise gripping and cutting. Features an ergonomic, non-slip two-component handle for comfortable work and optimal force transfer.



size (mm)	article number
160	080300000040

NEW 5-piece Multi plier set

Universal 5-in-1 plier set with QUICK CHANGE system for fast and safe head replacement, featuring an ergonomic 2K non-slip handle.

- Combination pliers: for general gripping and holding tasks
- Cable cutter with one cutting edge: for clean, precise cutting of copper and aluminium wires
- Wire stripper: for quick and accurate insulation removal
- Crimper: for secure fastening of connectors and wire ferrules
- Sheet metal cutter: for cutting thin metal sheets

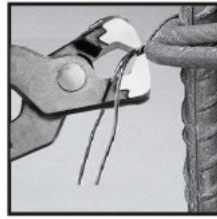


article number
080300005501

PLIERS

Rabbit pliers

Rabbit pliers with reinforced design, polished and hardened head. Features a SOFTGRIP plastic-coated, non-slip grip for secure handling. Material: Chrome-Vanadium steel with corrosion-resistant black coating.



NEW

size (mm)	article number
250	080300100250
300	080300100300

Aviation snips

Forged blades made of CrMo steel induction hardened to HRC 56-62. The blade edges angled toward the handle axis enable easier and more efficient cutting. The snips are highly durable, with a 2-component handle that automatically returns to an ergonomically optimal position. Maximum cutting thickness: 1.4 mm for cold-rolled steel and 1 mm for stainless steel.



kivitel	size (mm)	article number
balos	250	080300500001
egyenes	250	080300500002
jobbos	250	080300500003

NEW Pruning Shears

Precise and reliable pruning shears, ideal for garden and hobby work. Aluminium 2k body, SK 5 steel with HRC 52 hardened wiring edges. With an ergonomic 2K non-slip handle. Maximum recommended cutting diameter: 20 mm



size (mm)	article number
210	080300001210

NEW Wrecking bar

Wrecking bar made of hardened tool steel, available in three lengths with a curved design. Ideal for pulling nails, prying open crates, and general dismantling or assembly work.

Hexagonal shape with matte black powder-coated finish.



With a protective case for increased safety

size length (mm)	article number
18 x 400	080500180400
18 x 600	080500180600
18 x 800	080500180800

NEW Adjustable Wrench

High quality full body hardened CrV adjustable wrench. Precision screw mechanism ensures precise setting. Ergonomic, non slip handle for tough work.



length (mm)	max. opening	article number
200	0-26	080300200200
250	0-31	080300200250

NEW Tape measure

Shock-resistant ABS tape measure with a matt, lacquered nylon-coated steel blade, permanent blade lock, yellow blade colour, and millimetre scale on both edges. With magnetic blade end, steel belt clip and cotton wrist strap. EC accuracy class: II.



size length (m)	size width (mm)	article number
5	19	080400519012

Packing unit: 12 pcs / display



Supplied in a 12-piece countertop display

HAND CHISELS

Hand chisels

Robust octagonal shank made from tempered CrV steel.
Hardened hammer head with painted finish.



article	length (mm)	width (mm)	article number
pointed hand chisel	200		080407256200
pointed hand chisel	300		080407256300
pointed hand chisel	400		080407256400

flat hand chisel	200	20	080407254200
flat hand chisel	300	22	080407254300
flat hand chisel	400	30	080407254400

flat hand chisel, oval	125	15	080406453125
flat hand chisel, oval	150	18	080406453150
flat hand chisel, oval	250	25	080406453250

brick hand chisel	250	50	080405002500
brick hand chisel	250	60	080406002500
brick hand chisel	250	70	080407502500

electrician hand chisel	250	10	080407254250
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cross-cut hand chisel	200	8	080408002000
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Packing unit: 1 pc

Hand punch tool

Robust octagonal shank made from tempered CrV steel.
Hardened hammer head with painted finish.



D (mm)	length (mm)	article number
2	120	080464582120
3	120	080464583120
4	120	080464584120
5	120	080464585120
6	120	080464586120

Packing unit: 1 pc

Hard center punch

Robust octagonal shank made from tempered CrV steel.
Hardened hammer head with painted finish.



D (mm)	length (mm)	article number
4	120	080404001200
5	120	080405001200

Packing unit: 1 pc

Hand pin punch

Robust octagonal shank made from tempered CrV steel.
Hardened hammer head with painted finish.



D (mm)	length (mm)	article number
2	150	080402001500
3	150	080403001500
4	150	080404001500
5	150	080405001500
6	150	080406001500
8	150	080408001500

Packing unit: 1 pc

HAMMERS, AXES

ABRABORO premium hammers

Shock-absorbing, fiberglass handle with 2-component non-slip SOFTGRIP handle.
Die-forged and hardened hammer head made from hardened tool steel.

2K



Locksmith hammer

weight (g)	article number
100	080400001001
200	080400001002
300	080400001003
500	080400001004
800	080400001005
1000	080400001006



Club hammer

weight (g)	article number
1250	080400001201



Roofing hammer with magnetic nail holder

weight (g)	article number
600	080400001301



Mason's hammer with nail puller

weight (g)	article number
600	080400001401



Two-way mallet

head size (mm) hard plastic and rubber	article number
40	080400001501



Rubber mallet

weight (g)	color	article number
450	black	080400001601
450	white	080400001602



NEW

ABRABORO premium axes

- Fiberglass, two-component non-slip SOFTGRIP handle
- Forged head made of specially hardened tool steel, with Teflon coating
- Each piece with own plastic protective guard



article	weight (g)	article number
universal axe	650	080400065001
chopping axe	1700	080400170001



STAPLES

H-37 Staple



length (mm)	inner width (mm)	thickness (mm)	type	article number
6	10,6	0,75	H-37	060710607506
8	10,6	0,75	H-37	060710607508
10	10,6	0,75	H-37	060710607510
12	10,6	0,75	H-37	060710607512
14	10,6	0,75	H-37	060710607514

Packing unit: 1000 pcs / pack

A-53 Staple



length (mm)	inner width (mm)	thickness (mm)	type	article number
6	11,4	0,75	A-53	060711207506
8	11,4	0,75	A-53	060711207508
10	11,4	0,75	A-53	060711207510
12	11,4	0,75	A-53	060711207512
14	11,4	0,75	A-53	060711207514

Packing unit: 1000 pcs / pack

G-11 Staple



length (mm)	inner width (mm)	thickness (mm)	type	article number
6	10,6	1,25	G-11	060710512506
8	10,6	1,25	G-11	060710512508
10	10,6	1,25	G-11	060710512510
12	10,6	1,25	G-11	060710512512
14	10,6	1,25	G-11	060710512514

Packing unit: 1000 pcs / pack

DUO Staple gun

Premium quality metal housing. Ergonomic design ensures fatigue-free work. Large storage capacity, fast loading. Built-in stapler mechanism makes reloading the magazine quick and easy. The magazine is foldable, allowing for easy release in case of staple jams. High operational reliability.



size (mm)	article number
6-14	060701360002

Packing unit: 1 pc / carton hanger



Compatible with H-37 and A-53 type staples in lengths from 6 to 14 mm.

G Staple gun

Premium quality metal housing. Ergonomic design ensures fatigue-free work. Large storage capacity, fast loading. Built-in stapler mechanism makes reloading the magazine quick and easy. The magazine is foldable, allowing for easy release in case of staple jams. High operational reliability.



size (mm)	article number
6-14	060700020001

Packing unit: 1 pc / carton hanger



Compatible with G-11 type staples in lengths from 6 to 14 mm.

FILES

Engineer's files

Ergonomic, non-slip, two-component grip for comfortable handling.
The file blade is made of hardened tool steel. Medium grit.



Suitable for manual shaping of workpieces, deburring, edge breaking, etc.



type	blade length (mm)	article number
flat	200	060600000001
flat	250	060600000002



triangle	200	060600000003
triangle	250	060600000004



square	200	060600000005
square	250	060600000006



half-round	200	060600000007
half-round	250	060600000008



round	200	060600000009
round	250	060600000010

Packing unit: 1 pc

NEW Key file set

article	content	blade length (mm)	article number
6 pcs key file set	1 x round file 1 x square file 1 x triangular file 1 x half-round file 1 x flat-pointed file 1 x flat file	105	060600010006



MULTI-TOOL ACCESSORIES





SAW BLADES WITH STARLOCK MOUNTING SYSTEM FOR:

FEIN, BOSCH, MAKITA, METABO, MILWAUKEE, RIDGID, SKIL machines
Useful, versatile help for: metal working, automotive industry, interior design, DIY, renovation.



Standard saw blade for wood

Hardened (HCS) with shark teeth for all wood, plasterboard, and plastic workpieces, offering excellent cutting quality and good cutting speed. Medium width, tapered shape; optimal cutting speed and good chip removal.



cutting depth (mm)	width (mm)	article number
35	35	070201330000

WOOD

Standard saw blade for metal

Bi-metal saw blade with straight triangular teeth for cutting metal (including nails), aluminum profiles, copper pipes, and hard plastics. Precise, thin cutting line.



cutting depth (mm)	width (mm)	article number
35	30	070201570000

METAL

Long-life saw blade TiN for metal

Titanium Nitride (TiN) coated saw blade with straight triangular teeth, offering especially high wear resistance. 100% longer service life compared to uncoated saw blades, and 30 times longer service life compared to HSS saw blades.



cutting depth (mm)	width (mm)	article number
25	32	070202360000

METAL

Suitable for hard materials such as ferrous metals, stainless steel, brick, masonry, fibre-reinforced cement boards, and glass-fibre reinforced plastics (GFRP).

Also **suitable** for hardened screws (SPAX).

Good cutting performance in hardwood or chipboard.

Long-Life saw blade for wood

Bi-metal saw blade with shark teeth for all wood, plasterboard, and plastic workpieces. Long service life, excellent cutting quality, and good cutting progress. Especially robust, resistant to nails in wood (up to approx. 4 mm diameter).

Also **suitable** for masonry.



cutting depth (mm)	width (mm)	article number
30	10	070201840000
32	20	070201830000
35	35	070201600000
38	65	070202280000
50	50	070202210000

WOOD

Long-Life saw blade universal

Bi-metal saw blade with wavy set teeth. Wide range of applications for sheets up to 2 mm, aluminum profiles, copper pipes, wood, plasterboard, and plastics. Wide, tapered base for optimal cutting speed and good chip removal.



cutting depth (mm)	width (mm)	article number
40	28	070202220000
40	44	070202230000

UNIVERSAL

MULTI TOOL ACCESSORIES STARLOCK

Standard saw blade, curved

Wavy curved triangular teeth, recommended for all wood, plasterboard, and plastic materials, providing excellent cutting quality and good cutting speed. Curved cutting geometry for optimal plunge performance and clean, precise cutting edges.

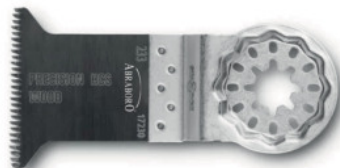


WOOD

cutting depth (mm)	width (mm)	article number
45	34	070202270000
40	50	070202262000
40	65	070202250000

Precision hole saw

Hardened (HCS) double-row Japanese teeth. Suitable for all wood, plasterboard, and soft plastics. Faster work progress and higher precision.



WOOD

cutting depth (mm)	width (mm)	article number
40	33	070201260000
40	48	070202330000
40	65	070202300000

Precision saw blade BiM

Bi-metal, double-row Japanese teeth for all wood, plasterboard, and soft plastic workpieces. Long service life. Fast work progress, high precision.



WOOD

cutting depth (mm)	width (mm)	article number
40	33	070202050000
40	48	070202320000
40	65	070202290000

Circular saw blade

For all soft materials. Segmented, ideal for working in corners and on-edges without overcutting.



size D (mm)	article number
85	070201130000

HSS saw blade

Solid HSS saw blade with metal teeth for sheet metal up to approx. 1 mm. **Suitable for** plastics, fiberglass-reinforced plastics, wood, putty and copper/copper alloys. Outstanding cutting speed. Clean, thin cutting line. Segmented, ideal for working in corners and on-edges without overcutting



size D (mm)	article number
85	070201060000

HSS saw blade

Bimetal body for long tool life. Metal teeth for sheet metal up to approx. 1 mm. **Suitable for** plastics, fiberglass-reinforced plastics, wood, putty and copper/copper alloys. Work flush with the surface. Circular shape delivers good cost-effectiveness.



size D (mm)	article number
85	070201740000

Carbide saw blade

For cutting out dacoreed tile joints. Also for cutting slots in plaster, porous concrete and similar building materials and for cleaning and reworking deck joints. Not suited to very hard epoxy resin or cemented joints. The cost-effective alternative to diamond tools. Segmented, ideal for working in corners and on edges without overcutting. Cutting width: approx. 2,2 mm.



size D (mm)	article number
75	070201180000

Carbide rasp

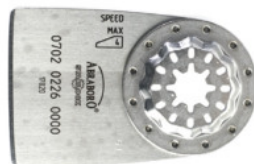
For rough sanding of fillers, tile adhesive, concrete, stone and wood. Triangular shape, edge length of 80 mm, perforated, can also be used with dust extraction.



éllength (mm)	article number
80	070200010000

Fixed scraper blade

Short version. For removing stubborn old paint, adhesive residues, carpets, tile adhesives and coats of underseal.



cutting depth (mm)	width (mm)	blade thickness (mm)	article number
35	52	0,80	070202260000

Rigid scraper blade

37,5 mm

Short version. For removal of stubborn paint, adhesive residue, carpet, tile adhesive and under seal.

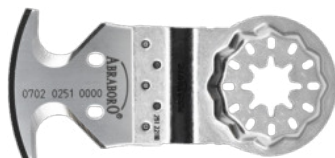


cutting depth (mm)	width (mm)	blade thickness (mm)	article number
35	52	0,40	070201650000

MULTI TOOL ACCESSORIES

Multifunctional knife

For cutting carpet, PVC flooring, cardboard, bitumen shingles and roofing paper. With three cutting surfaces.



cutting depth (mm)	width (mm)	article number
30	42	070202510000

Cutting blade

Mushroom-shaped, for cutting silicone and soft putty material and for separating insulation glass units.



cutting depth (mm)	width (mm)	blade thickness (mm)	article number
30	34	0,40	070202450000

Velcro backing pad

For delta velcro discs.



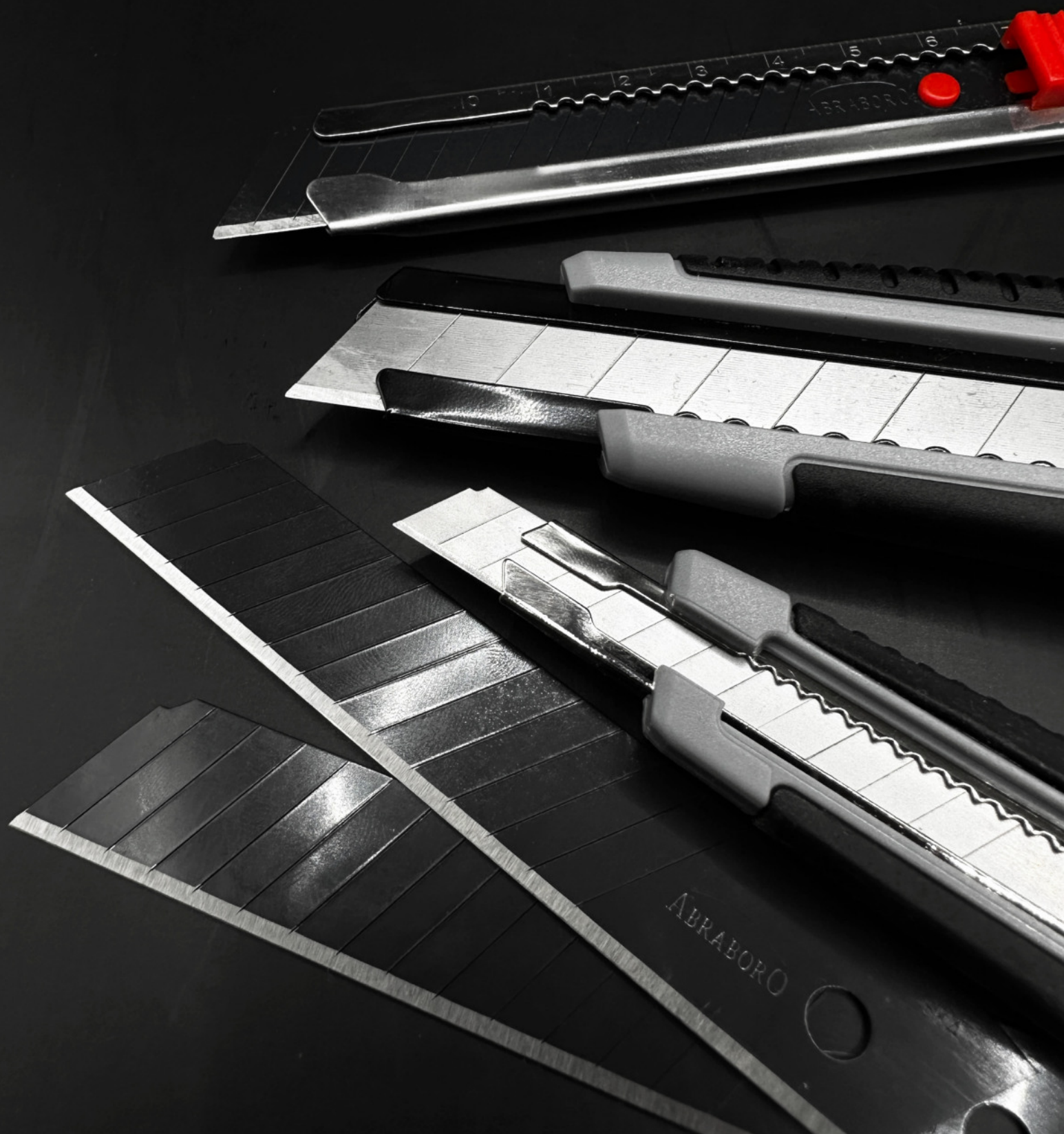
length (mm)	width (mm)	article number
93	93	070202051000

Sets

type	content	article number
4 pcs E-Cut Saw blade set in plastic case	1 x Standard saw blade (0702 0133 0000) 1 x Long-Life saw blade (0702 0160 0000) 1 x Long-Life saw blade (0702 0223 0000) 1 x Fine saw blade (0702 0157 0000)	070200000001
4 pcs E-Cut Saw blade set in plastic case	1 x Carbide rasp (0702 0001 0000) 1 x Fixed scraper blade (0702 0226 0000) 1 x Carbide saw blade (0702 0118 0000) 1 x Long-Life saw blade (0702 0223 0000)	070200000002



CUTTER KNIVES, BLADES



CUTTER KNIVES

INOX metal pocket knife

Elegant body, high quality INOX material.
Stamped measuring units on it's side, with belt clip.
Length: 160 mm
Blade: 18 mm BLACK LABEL SK4 premium

type	article number
INOX knife	070100000016

Packing unit: 24 pcs /display



Universal knife with ABS plastic handle

Knife with fully galvanized blade channel, automatic blade retraction and built-in blade breaker.
2 spare blades inside.
Blade: 18 mm
Handle: ergonomic, impact-resistant plastic body (ABS)

type	article number
ABS plastic handle	070100000218

Packing unit: 24 pcs / display



SOFTGRIP 2K premium knife

With automatic blade retraction, fully galvanized blade channel and built-in blade braker.
Blade: 9 mm
Handle: ergonomic, 2-components, non-slip

type	article number
SOFTGRIP 2K 9 mm	070190800010

Packing unit: 1 pc / blister



SOFTGRIP 2K universal knife

Universal knife with automatic blade retraction, fully galvanized blade channel, built-in blade braker.
2 spare blades inside.
Blade: 18 mm
Handle: ergonomic, 2-components, non-slip

type	article number
SOFTGRIP 2K 18 mm	070100000118

Packing unit: 24 pcs / display



CUTTER KNIVES

SOFTGRIP MAX 2K universal knife

Robust knife with automatic blade holder and built-in blade breaker. Hangable design, extra hard, galvanized blade channel.

Blade: 25 mm

Handle: robust, ergonomic, non-slip handle design

Recommended for cutting plastic straps.



type	article number
SOFTGRIP MAX 2K	070100000019

Packing unit: 1 pc / blister

SOFTGRIP PLUS 2K universal knife

Universal knife with automatic blade retraction, fully galvanized blade channel, built-in blade braker. With secure screw locking. 2 spare blades inside.

Blade: ABRABORO BLACK LABEL SK4 18 mm

Handle: ergonomic, 2-components, non-slip SOFTGRIP



type	article number
SOFTGRIP PLUS 2K	070100000318

Packing unit: 24 pcs / display



SILVER CUT knife

Universal knife with automatic blade retraction, fully galvanized blade channel, built-in blade braker.

Blade: 18 mm

Handle: heavy 135 g die-casting aluminium, ergonomic, non-slip



type	article number
SILVER CUT	070100000018

Packing unit: 24 pcs / display



SOFTGRIP SAFE 2K safety knife

Full automatic blade retraction, integrated blade magazine and 2 spare blades. Fast and easy blade change, no tools are required for blade change.

Length: 170 mm

Blade: trapezium SK4 premium

Handle: ergonomic, easy to hold, non-slip 2-component



type	article number
SOFTGRIP SAFE 2K	070100000418

Packing unit: 1 pc

Professional metal body carpenter knife

Solid metal body with integrated blade storage.

Belt placing possible thanks to plastic belt clip.

5 pcs spare blades inside.

Blade: Trapezium or hook blades



type	article number
Hook knife	070100000518

Packing unit: 1 pc

BLADES

BRABORO® BLACK LABEL SK4

Extremely sharp blade for precision cuts.
Manufactured from SK4 premium steel.



- width: 9 mm, length: 80 mm, 13 pre-cut sections



- width: 18 mm, length: 100 mm 15 pre-cut sections



- width: 25 mm, length: 125 mm, 7 pre-cut sections



width (mm)	article number
9	070190900010

Packing unit: 10 pcs / pack

width (mm)	article number
18	070100003018

Packing unit: 10 pcs / pack | 20 pack / display

width (mm)	article number
25	070100003020

Packing unit: 10 pcs / pack

ABRABORO® profi SK5

Made from SK5 steel.

- Length: 100 mm, 15 pre-cut sections, straight



- Length: 100 mm, 8 pre-cut sections, zig-zag



width (mm)	type	article number
18	straight	070100001018
18	zig-zag	070100001019

Packing unit: 10 pcs / pack



10 pack / box

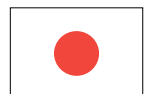
ABRABORO® POWER BLACK Evolution SK2

High quality blade made in Japan.
High tempered for maximum sharpness and durability,
extremely sharp cutting edges due to double 2-phase
grinding.
Length: 100 mm, 8 pre-cut sections

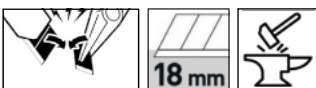


width (mm)	article number
18	070100002018

Packing unit: 10 pcs / pack



Made in Japan



ABRABORO® trapez utility blades

for SOFTGRIP 2K safety knives

Premium quality, produced from SK4 steel.



size (mm)	article number
19 x 59 x 0,6	070100003019

Packing unit: 10 pcs / pack

ABRABORO® hook blade

For our professional metal body carpenter knife.
Forged from premium steel.



size (mm)	article number
48 x 18 mm	070100005018

Packing unit: 10 pcs / pack

SAWING TOOLS



Applications:



Hardwood and softwood, fiberboard, nailed wood, pallets



Nailed wood, pallets



Parquet, laminate parquet



Gypsum board



Green wood



Steel pipes, profiles, steel plates



Steel plate



Inox, stainless, acid-resistant steel



Aluminum



Non-ferrous metals



Brick, building materials



Brick



Ytong, aerated concrete



Eternit, asbestos-cement pipes



90° cut



Long life



Tile



Glass, ceramics



Window



Plastic



Fiberglass reinforced plastic



Sandwich materials



Styrofoam



Rubber



Leather



Ice / frozen goods



Bone



Meat (frozen)



Curve cut



Fast cutting

CIRCULAR SAW BLADES

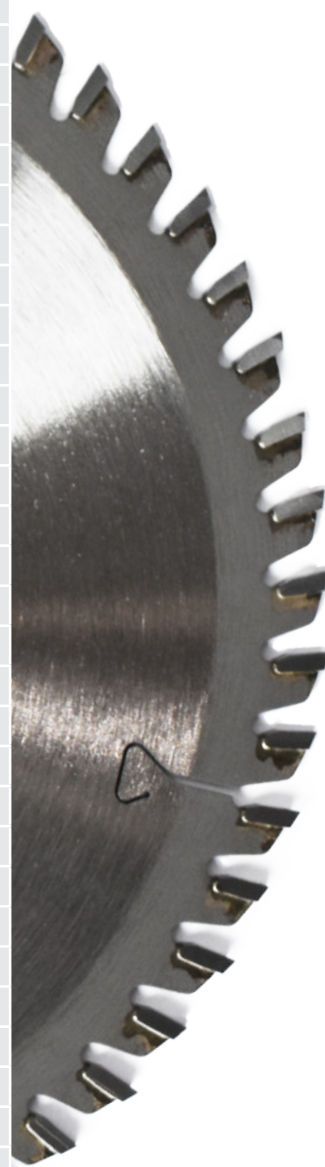
The ABRABORO circular saw blades are made using the latest manufacturing processes with high-quality carbide-tipped teeth.

They are suitable for Bosch, AEG, Hitachi, Makita, Kress, Holz-Her, Fein, Festo, Elu, Metabo, Skil, Peugeot, Black & Decker, DeWalt, Elektra-Beckum and others.

ABRABORO® circular saw blade for wood and plastic - for hand machines



size D x width x hole (mm)	TCT teeth	article number
120x2,4x20	24	070846701201
130x2,4x16	12	070846501301
130x2,4x16	36	070846701301
140x2,4x20	16	070846501402
140x2,4x20	42	070846701401
150x2,6x20	20	070846501532
150x2,6x20	36	070846701502
150x2,6x20	48	070846701501
160x2,6x20	20	070846501622
160x2,6x20	36	070846701602
160x2,6x20	48	070846701601
160x2,6x30	36	070846701603
160x2,6x30	48	070846701604
165x2,6x20	20	070846501650
165x2,6x20	36	070846701650
165x2,6x20	48	070846701651
170x2,6x30	22	070846501703
180x2,6x30	22	070846501802
180x2,6x30	56	070846701801
184x2,8x16	56	070846701841
184x2,8x16	22	070846501841
190x2,8x16	22	070846501901
190x2,8x20	16	070846501904
190x2,8x20	30	070846501902
190x2,8x20	56	070846701902
190x2,8x30	16	070846501905
190x2,8x30	30	070846501903
190x2,8x30	48	070846701903
190x2,8x30	56	070846701901
200x2,8x30	18	070846502001
200x2,8x30	30	070846502033
200x2,8x30	56	070846702001
210x2,8x30	18	070846502101
210x2,8x30	30	070846502133
210x2,8x30	48	070846702102
210x2,8x30	64	070846702101
216x2,8x30	24	070846502160
216x2,8x30	48	070846702160
216x2,8x30	60	070846702161
230x3,0x30	20	070846502334
230x3,0x30	64	070846702301



Packing unit: 1 pc

CIRCULAR SAW BLADES

ABRABORO® circular saw blade for wood, nailed wood and plastic



size D x width x hole (mm)	TCT teeth	article number
150x2,8x30	24	070846601501
160x2,8x20	24	070846601601
180x2,8x30	30	070846601801
184x2,8x16	30	070846601841
190x2,8x20	30	070846601902
190x2,8x30	30	070846601901
200x2,8x30	30	070846602001
210x2,8x30	34	070846602101
230x2,8x30	34	070846602301
250x3,0x30	42	070846602501
300x3,2/2,2x30	20	070846603020
350x3,5/2,5x30	24	070846603524
400x3,8/2,8x30	28	070846604028
450x3,8/2,8x30	32	070846604532

Packing unit: 1 pc



ABRABORO® circular saw blade for wood and plastic - for table saws



size D x width x hole (mm)	TCT teeth	article number
250x3,0x30	42	070846702500
250x3,0x30	24 Anti kick back	070846502532
250x3,2x30	80	070846702501
300x3,2/2,2x30	28 Anti kick back	070846503028
300x3,2/2,2x30	48	070846703048
300x3,2/2,2x30	96	070846703096
350x3,5/2,5x30	32 Anti kick back	070846503532
350x3,5/2,5x30	54	070846703554
400x3,5/2,5x30	36 Anti kick back	070846504036
400x3,5/2,5x30	60	070846704060
450x3,8/2,8x30	40 Anti kick back	070846504540

Packing unit: 1 pc



CIRCULAR SAW BLADES

ABRABORO® circular saw blade ALU for aluminum and non-ferrous metals

size D x width x hole (mm)	TCT teeth	article number
160x2,8x20	42	070846801601
190x2,8x30	54	070846801901
216x2,8x30	60	070846802161
250x2,8x30	80	070846802501
305x3,2x25,4	96	070846803051
355x3,2x25,4	108	070846803551

Packing unit: 1 pc



ABRABORO® circular saw blade STEEL for profiles and steel pipes

size D x width x hole (mm)	TCT teeth	article number
160x2,2x20	30	070846901601
190x2,2 x30	48	070846901901
216x2,2x30	54	070846902161
250x2,2x30	54	070846902501
305x3,2x25,4	60	070846903051
355x3,2x25,4	80	070846903551

Packing unit: 1 pc



NEW

ABRABORO® circular saw blade AKKU for universal use

size D x width x hole (mm)	TCT teeth	article number
165x1,6x20	40	070846401650

Packing unit: 1 pc



Reduction ring for circular saw blades

D (mm)	article number
20 - 12,7 x 1,8	070846009001
20 - 16 x 1,8	070846009002
30 - 16 x 2,2	070846009003
30 - 20 x 2,2	070846009004
30 - 25 x 2,2	070846009005



Packing unit: 1 pc

HOLE SAWS

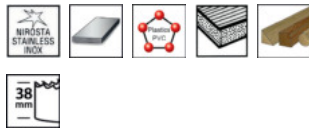
ABRABORO® HSS-Co hole saw

Manufactured from 8% cobalt alloyed HSS-steel. Special Combo-toothing 4-6 tpi for rapid sawing progress. For hand and stand drilling machines.

Finish: white

Drilling depth: 38 mm

Suitable for clean, circular and precise holes in wood, gypsum board, plastics, non-ferrous metals, aluminium, steel and stainless steel.



D (mm)	article number
14	070830014000
16	070830016000
17	070830017000
19	070830019000
20	070830020000
21	070830021000
22	070830022000
24	070830024000
25	070830025000
27	070830027000
29	070830029000
30	070830030000
32	070830032000
35	070830035000
38	070830038000
40	070830040000
41	070830041000
44	070830044000

D (mm)	article number
46	070830046000
48	070830048000
51	070830051000
54	070830054000
57	070830057000
60	070830060000
64	070830064000
65	070830065000
67	070830067000
68	070830068000
70	070830070000
73	070830073000
76	070830076000
79	070830079000
83	070830083000
86	070830086000
89	070830089000
92	070830092000

D (mm)	article number
95	070830095000
98	070830098000
102	070830102000
105	070830105000
108	070830108000
114	070830114000
121	070830121000
127	070830127000
140	070830140000
152	070830152000
160	070830160000
168	070830168000
177	070830177000
200	070830200000
210	070830210000
235	070830235000
250	070830250000

Packing unit: 1 pc / blister

Hole saw accessories



type	article number
ZE 2 hex shank adapter → D 14,0 mm-D 30,0 mm	070830302000
ZE 5 quick release adapter → D 32,0 mm-D 250,0 mm	070830305000
ZE 6 SDS Plus adapter → D 14,0 mm-D 30,0 mm	070830306000
ZE 7 SDS Plus adapter → D 32,0 mm-D 250,0 mm	070830307000
ZEB 1 pilot drill, HSS-G length: 90 mm	5 pcs / pack 070830410000
ZEB 2 pilot drill, HSS-G length: 110 mm	5 pcs / pack 070830411000

Packing unit: 1 pc / blister

HSS-Co hole saw sets



type	article number
plumber set, 10 pcs: D 19 22 32 35 40 51 64 mm + 2 pcs adapter (ZE 2/ZE 5)	070830500000
electrician set, 10 pcs: D 22 35 38 44 51 68 76 mm + 2 pcs adapter (ZE 2/ZE 5)	N°1 070830510000
14 pcs: D 19 22 25 32 35 38 44 51 57 64 68 76 mm + 2 pcs adapter	N°2 070830520000

HOLE SAWS

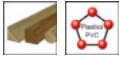
ABRABORO® TCT universal hole saws

Multi application, e.g. for sanitation and central heating pipes, wall sockets, ventilation pipes. For hand- and stand drilling machines.

Finish: white

Drilling depth: 54 mm

Suitable for all types of wood, chipboard, gypsum board, fermacell, plastics, glass and carbon fibre reinforced products (GRP), brickwork, gas-formed concrete



D (mm)	article number	D (mm)	article number
16	070831016000	60	070831060000
19	070831019000	64	070831064000
20	070831020000	65	070831065000
22	070831022000	67	070831067000
25	070831025000	68	070831068000
27	070831027000	70	070831070000
29	070831029000	73	070831073000
30	070831030000	76	070831076000
32	070831032000	80	070831080000
35	070831035000	82	070831082000
38	070831038000	92	070831092000
40	070831040000	102	070831102000
44	070831044000	105	070831105000
51	070831051000	114	070831114000
54	070831054000	125	070831125000
57	070831057000		

Packing unit: 1 pc / blister

Hole saw accessories



type	article number
ZE 11 hex shank adapter → D 14,0-30,0 mm (for wood)	070831300110
ZE 14 quick release adapter → D 32,0-125,0 mm (ZEB 2, for wood)	070831300140
ZEB 2 pilot drill HSS-G length: 110 mm	070830411000
ZE 15 SDS Plus adapter → D 32,0-125,0 mm (ZEB 12, for gypsum board, brick)	070831300150
ZEB 12 pilot drill HM length: 110 mm	070831301200
Extension for adapter length: 300 mm (for ZE 11, ZE 14 hex adapter)	070830401000
HSS-G pilot drill D 6,5 x 215 mm	070839650215

Packing unit: 1 pc / blister

TCT hole saw set



type	article number
plumber set, 10 pcs: D 19 22 32 35 40 51 64 mm + 2 pcs adapter (ZE 11/ZE 14)	070831500000
electrician set, 10 pcs: D 22 35 38 44 51 68 76 mm + 2 pcs adapter (ZE 11/ZE 14)	070831510000
14 pcs: D 19 22 25 32 35 38 44 51 57 64 68 76 mm + 2 pcs adapter	070831520000

HOLE SAWS

ABRABORO® HSS-Co premium hole saw BLUE STAR for metal

- premium quality hole saw
- 8% cobalt content in high performance HSS steel, optimal drilling quality, long-life
- precise and calm work

Drilling depth: 38 mm

Suitable for steel, stainless steel, thin steel sheets.



D (mm)	article number
14	070901400000
16	070901600000
17	070901700000
19	070901900000
20	070902000000
21	070902100000
22	070902200000
24	070902400000
25	070902500000
27	070902700000
29	070902900000
30	070903000000
32	070903200000
35	070903500000

D (mm)	article number
38	070903800000
40	070904000000
44	070904400000
51	070905100000
54	070905400000
57	070905700000
65	070906500000
68	070906800000
73	070907300000
83	070908300000
92	070909200000
102	070910200000
114	070911400000
121	070912100000

Packing unit: 1 pc./box

NEW

ABRABORO® HSS-Co premium hole saw GREY STAR for universal use

Premium quality hole saw made of steel alloy with 8% cobalt content. Robust tool for fast operation and long lifetime. Optimal drilling performance for smooth and precise work.

Tooth pattern: "vario", 4-6 TPI

Drilling depth: 38 mm

Especially suitable for drilling wood materials, plasterboard, plastic, aluminium, non-ferrous metals, steel and stainless steel (inox) > 1,5 mm.

Use: with QUICK-LOCK hole saw adapter



D (mm)	article number
19	070870019000
20	070870020000
22	070870022000
25	070870025000
30	070870030000
32	070870032000
35	070870035000
38	070870038000
40	070870040000
44	070870044000
48	070870048000

D (mm)	article number
51	070870051000
57	070870057000
60	070870060000
64	070870064000
68	070870068000
73	070870073000
76	070870076000
83	070870083000
102	070870102000
114	070870114000
121	070870121000

Packing unit: 1 pc / blister

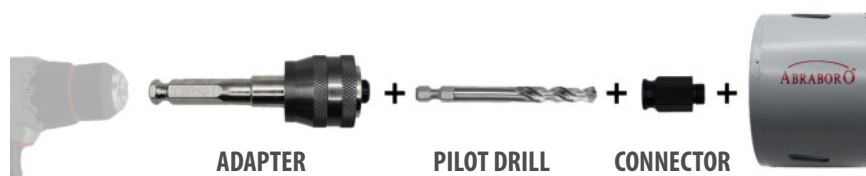
HOLE SAWS

NEW Premium QUICK-LOCK accessories for ABRABORO® hole saws



type	article number
Hole saw adapter (recommended for cordless drills) HEX 10 mm QUICK-LOCK	070830602000
Hole saw adapter HEX 13 mm QUICK-LOCK	070830605000
Hole saw adapter SDS Plus QUICK-LOCK	070830606000
Hole saw adapter , long HEX 150 mm QUICK-LOCK	070830607000
Hole saw adapter, long HEX 300 mm QUICK-LOCK	070830608000
Pilot drill for hole saw, short D 7,15 x 90 mm	070830610000
Pilot drill for hole saw, long D 7,15 x 105 mm	070830611000
QUICK-LOCK connector for hole saw 1 x D 14-30 mm 1 x D 32-125 mm	070830619000

Packing unit: 1 pc



NEW ABRABORO® HSS-Co special hole saw

Premium-quality hole saw made from 8% cobalt alloyed steel, designed for drilling feed-through holes for roller shutter straps.

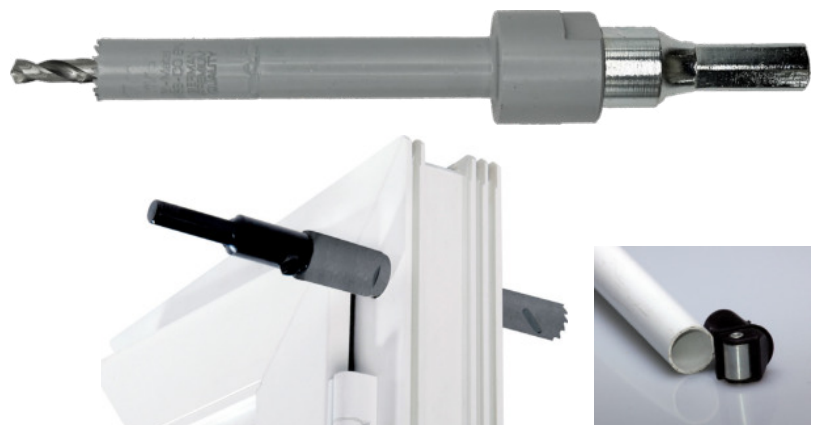
- Clean, precise holes in plastic and aluminum window frames
- Special variable tooth design with optimized tooth geometry
- Easy and fast operation
- The special coating of the hole saw reduces friction and ensures a longer service life

The product is supplied complete with adapter and pilot drill.

(Adapter shank: hex 13 mm; hole saw replacement possible with a 24 mm open-end wrench.)

D (mm)	article number
17	070880000017
19	070880000019
22	070880000022

Packing unit: 1 pc / blister



SAW BLADES

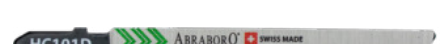
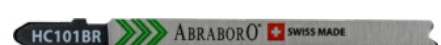


Bosch type: Suitable for Bosch, AEG, Atlas-Copco, ELU, Holz-Herr, Metabo, FLEX, Makita, Festo and Dewalt machines.



SWISS MADE

ABRABORO® type	old type	BOSCH type	worklength / toothing (mm)	applications	X-Pack (5 pcs) article number
HC 101AO	HC 12K	T 101AO	58/1,35		070821130001
HC 101AIF	HC 19R bi	T 101AIF	75/1,6		070821040001
HC 101B	HC 12	T 101B	75/2,7		070821100001
HC 101BF	HC 12 bi	T 101BF	75/2,5		070821110001
HC 101BR	HC 12R	T 101BR	75/2,5		070821140001
HG 111C	HG 13	T 111C	75/3,0		070822800001
HGS 144D	HGS 14	T 144D	75/4,0		070823600001
HGS 244D	HGS 24	T 244D	75/4,0-5,2 progressive teeth		070823700001
HC 101D	HC 14	T 101D	75/4,0-5,2 progressive teeth		070821700001
HC 301DL	HC 34D	T 301DL	107/4,0		070821820001
HGS 344D	HGS 34	T 344D	127/4,0		070823800001
HGS 744D	HGS 54	T 744D	155/4,0		070823900001
HC 234X	HC 123 STAR	T 234X	92/2,0-3,0 progressive teeth		070821150001
HC 301CD	HC 32	T 301CD	92/3,0		070821200001
HWL 313AW	HWL 54	T 313AW	127		070824200001 (1 pc)



Sortiment 2000: HC 101B | HG 111C | HGS 144D | MG 118A | MG 118B
5 different saw blades for metal/wood 5 pcs/pack

070828600001

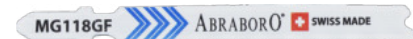
SAW BLADES

XXL-Pack 100 pcs/pack

ABRABORO® type	old type	BOSCH type	worklength / toothing (mm)	applications	XXL-Pack (100 pcs) article number
HC 101B	HC 12	T 101B	75/2,7		070821100099
HC 101BR	HC 12R	T 101BR	75/2,5		070821145000
HG 111C	HG 13	T 111C	75/3,0		070822800099
HGS 144D	HGS 14	T 144D	75/4,0		070823600099
HC 101D	HC 14	T 101D	75/4,0-5,2 progressive teeth		070821700099



ABRABORO® type	old type	BOSCH type	worklength / toothing (mm)	applications	X-Pack (5 pcs) article number
MG 118GF	MG 107	T 118GF	67/0,7		070825200001
MG 321AF	MG 31 bi	T 321AF	107/1,2		070825710001
MG 118A	MG 11	T 118A	67/1,1-1,5 progressive teeth		070825500001
MG 118AF	MG 11 bi	T 118AF	67/1,2		070825510001
MG 218A	MG 21	T 218A	67/1,1-1,5 progressive teeth		070825600001
MG 118B	MG 12	T 118B	67/1,9-2,3 progressive teeth		070826500001
MG 123XF	MG 1014 bi	T 123XF	75/1,2-2,6 progressive teeth		070826215001
MG 718BF	MG 51 bi	T 718BF	155/2,0		070825750001
K 127D	K 14	T 127D	75/3,0		070827600001
D 130TCT	D 1	T 130 RIFF	75		070828800001 (1 pc)



XXL-Pack 100 pcs/pack

ABRABORO® type	old type	BOSCH type	worklength / toothing (mm)	applications	XXL-Pack (100 pcs) article number
MG 118A	MG 11	T 118A	67/1,1-1,5 progressive teeth		070825500099



RECIPRO SAW BLADES

High-quality saw blades from Germany's number one, ISO 9001 certified manufacturer.

With a 1/2" universal shank for machines from Bosch, Black & Decker, DeWalt, FLEX, Hitachi, Makita, Metabo, Skil, etc.

Material quality: CV Chromium-Vanadium steel
HCS High carbon steel
bi Bimetal
inox Stainless steel

Packing unit: 5 pcs / pack



ABRABORO® type	BOSCH type	blade material	worklength (mm)	toothings tpi/" (ZpZ)	applications	article number
3021/150	5644D	CV	130	6		070812215000
3021/225		CV	205	6		070812275200
3021/300	S1344D	CV	300	6		070812230000
3021/400		CV	380	6		070812240000



3021/150	S628DF	bi	130	6		070812265000
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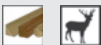
3025/150		CV	130	6		070812415000
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progressive teeth



NEW

3023/200		HCS	180	6-10		070814023000
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Japanese teeth



3026/275		HCS	275	6		070812280000
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vario teeth



3029/150		CV	130	4-5		070812522001
3029/240	S1531D	CV	205	4-5		070812522000



vario teeth



3039/300		CV	300	4-5		070812930000
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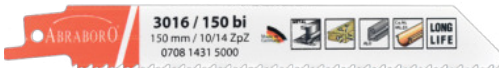
RECIPRO SAW BLADES



ABRABORO® type	BOSCH type	blade material	worklength (mm)	toothing tpi/" (ZpZ)	applications	article number
3013/150	S922AF	bi	130	14		070814615000
3013/200	S1122AF	bi	180	14		070814620000
3013/250		bi	230	14		070814625000

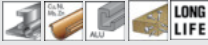


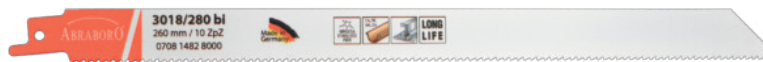
3014/150	S922BF	bi	130	18		070814415000
3014/200	S122EF	bi	180	18		070814420000
3014/280		bi	260	18		070814428000



Twin-Cut teeth



3016/150		bi	130	10-14		070814315000
3016/225	S123XF	bi	205	10-14		070814322000



3018/280	S1122HF	bi	260	10		070814828000
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UNIVERSAL



TC teeth



NEW	318/150	5922HF	HCS	130	8		070831800152
NEW	318/225		HCS	180	8		070831800225
NEW	318/300		HCS	230	8		070831800300

Packing unit: 1 pc / pack



vario teeth



1014C/150		bi	130	10-14		070813515000
1014C/225		bi	205	10-14		070813522000



vario teeth



810C/150		bi	130	8-10		070813615000
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RECIPRO SAW BLADES



TC teeth



ABRABORO® type	blade material	worklength (mm)	toothing tpi/" (ZpZ)	applications	article number
TCT 305	HCS	250	2		070816230000
TCT 455	HCS	400	2		070816240000

Packing unit: 1 pc / pack



INOX 300	inox	300	12		070816930000
INOX 400	inox	400	16		070816940000

Packing unit: 1 pc / pack

NEW 25 pcs reciprocating saw blade set



content	article number
5 x 3029 / 150 CV 5 x 3021 / 150 CV 5 x 3021 / 225 CV 5 x 3014 / 200 bi 5 x 3013 / 200 bi	070813140025

NEW Handle for reciprocating saw blades

Practical two-component ergonomic handle compatible with all types of reciprocating saw blades.



article number

080400000170

HSS Bi-Cobalt hacksaw blade



ABRABORO® type	blade material	worklength (mm)	toothing tpi/" (ZpZ)	applications	article number
HSS Bi-Cobalt hacksaw blade	bi	300	24		070850235000

Packing unit: 5 pcs / pack

SAFETY GLASSES



SAFETY GLASSES

Premium quality, modern- sporty design, light and comfortable to wear

1. Class optical lenses / According to norms EN 166, EN 170, EN 172

Safety glasses with prescription lenses - For perfect vision in demanding working conditions

Available in 5 graduations with Polycarbonate, anti-fog treated lenses.

Modern, sporty design, transparent grey body and 180 degrees, all round protection.



dioptr	article number
+0,0	090110000006
+1,0	090110000001
+1,5	090110000002
+2,0	090110000003
+2,5	090110000004
+3,0	090110000005

Packing unit: 1 pc

Transparent safety glasses, basic

- very light
- polycarbonate lenses with UV filter
- fog and abrasion resistant
- sporty design

article number

090100000003

Packing unit: 1 pc



Transparent safety glasses, large

- allows use with your prescription glasses below
- comfortable, extremely surrounding
- polycarbonate lenses with UV filter
- fog and abrasion resistant

article number

090100000001

Packing unit: 1 pc



Welding safety glasses

- filtered for gas welding
- comfortable, extremely surrounding
- extremely light for best comfort
- side air intakes to create cooling

article number

090100000008

Packing unit: 1 pc



Mirror safety glasses

- microfiber cover
- comfortable, extremely surrounding
- solar, mirrored, polycarbonate lenses with UV filter
- fog and abrasion resistant
- nose pad for additional comfort

article number

090100000005

Packing unit: 1 pc



SAFETY GLASSES

High visibility safety glasses, professional

- comfortable, extremely surrounding
- adjustable temples
- yellow, interchangeable polycarbonate lenses with UV filter
- fog and abrasion resistant

article number

090100000006

Packing unit: 1 pc



High visibility safety glasses, Premium

- microfiber cover
- comfortable, extremely surrounding
- yellow, polycarbonate lenses with UV filter
- fog and abrasion resistant
- nose pad for additional comfort

article number

090100000007

Packing unit: 1 pc



Transparent safety glasses, professional

- comfortable, extremely surrounding
- frame with internal extractable foam for perfect fit
- polycarbonate lenses with UV filter
- fog and abrasion resistant
- maximum support thanks to removable elastic band

article number

090100000002

Packing unit: 1 pc



Transparent safety glasses, Premium

- microfiber cover
- comfortable, extremely surrounding
- polycarbonate lenses with UV filter
- fog and abrasion resistant
- nose pad for additional comfort

article number

090100000004

Packing unit: 1 pc



SUN protective glasses (professional)

- professional sunglasses with tinted lenses
- lightweight and comfortable to wear
- two-component frame with ventilation holes for better heat dissipation
- modern, sporty, ergonomic design
- scratch-resistant, anti-fog PC protective lens with UV protection
- mechanical protection class: F
- optical quality class: 1
- complies with en166 and en172 standards

article number

090100000050



UV category 3

In strong sunlight, category 3 sunglasses lenses are the most suitable for eye protection. This category is recommended for environments with high light reflection, such as by the water or in the mountains.

Packing unit: 1 pc



Cord for glasses



article number

090100000111

Packing unit: 1 pc

Safety glass displays

For more information about our eyeglass displays, please contact our sales colleagues.



ABRABORO® TRADEMARK

ABRABORO® - is a registered trademark in Europe

Registration number: 003734779

Please visit our website at: www.abraboro.com



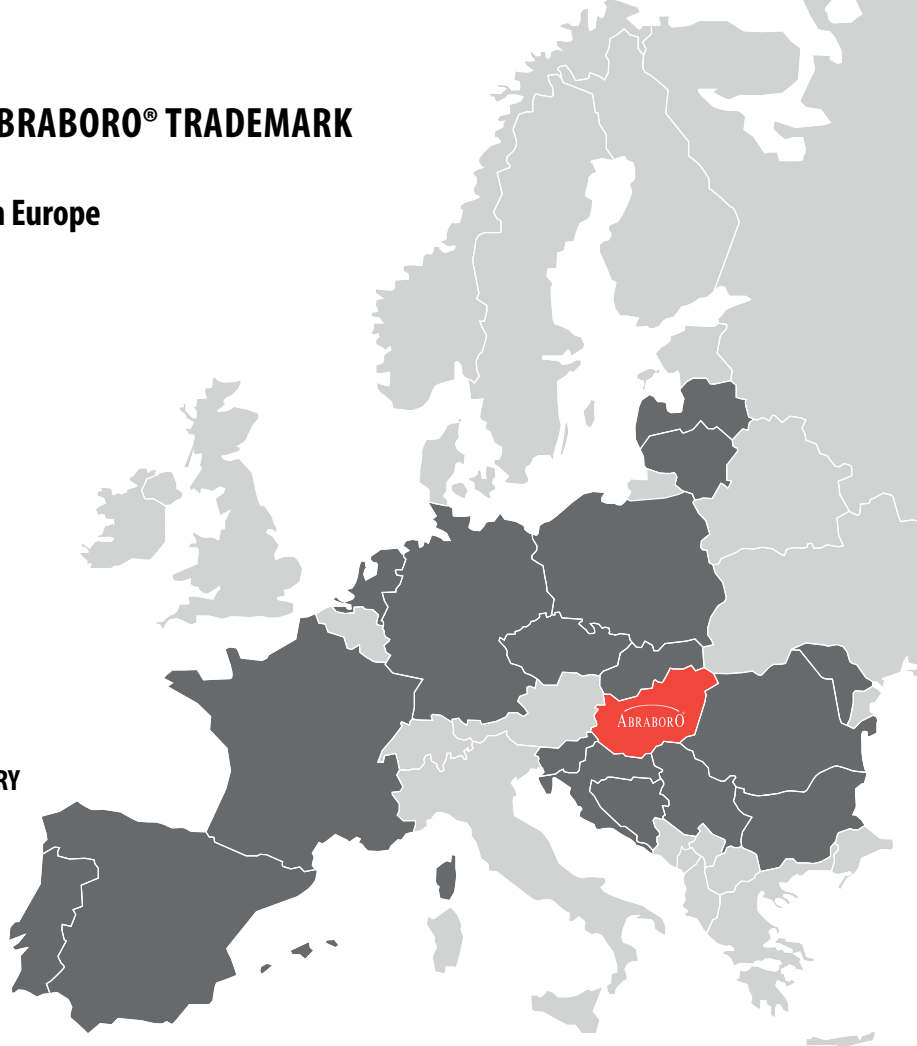
ABRABORO Ltd

H-2000 Szentendre, Galamb Jozsef street 5. HUNGARY

www.abraboro.com

VAT-No.: HU 12105360

Registration-No.: 13-09-222105



BANK ACCOUNT NUMBERS:

For payments in **EUR**:

LBBW (Landesbank Baden-Württemberg)

Stuttgart, Germany

IBAN: DE24 6005 0101 0001 1676 98

Account-no. 1167698

BIC/SWIFT: SOLADEST600

For payments in **USD**:

ERSTE BANK HUNGARY ZRT

Budapest, Hungary

IBAN: HU65 1160 0006 0000 0000 0570 5463

Account-no. 11600006-00000000-05705463

BIC/SWIFT: GIBAHUHB

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TERMS OF SALE AND DELIVERY

The following terms of delivery are considered as agreed upon at order placement. Deviating agreements should only obtain validity by our written confirmation. The deviating agreements shall not rescind the remaining terms of sale and delivery.

Quotation and Conclusion of Contract

Our quotations shall be without engagement. Contracts and other agreements shall only become binding through our written confirmation or our performance. All agreements between us and our customers shall be concluded in writing at conclusion of contract. Agreements made between our employees or representatives and our customers during or subsequent to contract conclusion will only become valid with our written confirmation. Supplements, modifications or additional agreements require always the written form. This also applies to rescinding the requirement of the written form.

Delivery Commitment

The customer's unconditional creditworthiness is a requirement for delivery commitment. Should the terms of payment not be adhered to or circumstances become known which seriously put the customer's creditworthiness into question, all pending receivables will not be sent. If nothing else has been agreed upon in writing, orders on call must be purchased within three months of the contractual deadline, without us having to send a reminder containing an explicit purchase deadline. After these three months have expired, we will be entitled to either invoice the goods or cancel the order. Disruptions and force incidents entitle us to extend the agreed delivery period for the duration of the operative disruption and a reasonable start-up period. As the case may be our delivery commitments may also be revoked partially or completely. This also applies if it has become impossible for us to deliver at no fault of ours. Compensation claims of any kind resulting from late delivery are rejected.

Delivery Period

The delivery period shall be deemed as adhered to if readiness for shipment has been notified or the object of delivery has left the manufacturing company before expiry of the delivery period. The deadline mentioned in the order confirmation is without engagement unless a separate written delivery affirmation has been issued.

Prices

Our prices are based on the calculation documents applicable, at the time of order acceptance. Deliveries which are performed later than three months after contract agreement entitle us to adjust the prices by maximally 10 %, e.g. in case of wage increases or increases in material prices or inflation.

Transport

The choice of the route or means of transport is made according to best judgement with no liability for the cheapest route. As far as particular specifications have been provided to us, shipping shall proceed accordingly. The risk of transport shall in any case be borne by the receiver, even if delivery „free at destination“ or FOB a ship have been agreed. On departure from our stock the goods will be regarded as delivered according to agreement, even if they are delivered directly to third parties.

Reservation of Title

We reserve the title for the delivered goods until all our rightful claims resulting from our mutual business relations have been fulfilled. The customer may neither pledge the goods which are in our property, nor convey them as collateral to third parties. On the seizure of goods which are our property the customer shall be committed to notify us of this immediately and furthermore present us with the seizure documents as well as an affidavit showing that the goods are our property. The expenses for a possible required intervention are to be worn by the customer. The customer is entitled to resell the delivered goods in the regular course of business. In case of a resale, the customer's claim towards the sub purchaser, which is already considered as assigned to us up to the amount of our total receivables. The customer is entitled to collect the receivables until such title is revoked. Upon request the customer is committed to notify the garnishees of such assignment and disclose to us any information and hand out any documents to us required in order to protect our rights. The assignment of the receivables expire as soon as the customer has honoured the debt resulting from the purchase price and/or all debt resulting from the current business relation. Should reservation of title or assignment be invalid according to the jurisdiction in the area where the goods are located, the collateral ensuring reservation of title and assignment which applies in that area shall be considered to have been agreed upon. Should the customer's cooperation be necessary for the creation of such rights, customer shall be committed to take all measures required in order to constitute and preserve such rights.

Payment

Our respective terms are applicable to payment. Deductions of any kind without a respective agreement are prohibited. On exceeding the payment deadline default, interests will be charged as of the due date, subject to any claim for further default damages. The charged default interest rate is 8 %. In the event that the customer enters into default with their payment, we have the right to demand immediate payment of all areas including those which have not yet entered into default, or release the delivered goods until complete payment of receivables.

Warranty

Complaints concerning quantity and quality can only be accepted and examined if made in written form within 14 days after arrival of the goods at the place of destination. Goods which we acknowledge as being defective will be taken back and replaced. Any additional claims by the customer will not be recognised by us.

Place of Performance and Jurisdiction, Language

Place of performance is 2000 Szentendre, Hungary. Place of jurisdiction - notwithstanding the amount of the subject - shall be Pest/Hungary district court. Hungarian Law is prevailing. Contract language is Hungarian. In case of dissent the Hungarian version shall prevail.

Severability Clause

Should any provision of this agreement be or become invalid, ineffective or unenforceable, the validity, effectiveness and enforceability of the remaining provisions are not to be affected thereby. In such event a provision must be found that comes as closest to the legally permitted economic intent and purpose of what the parties had or would have intended, had they considered the aspect.