metabo®

PROFESSIONAL POWER TOOL SOLUTIONS

Range of accessories

01 Cutting and roughing 10

Cutting discs 14
Grinding discs 20
Cup wheels 22

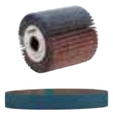
02 Grinding of metal and stainless steel 23

Flap discs 23
Fleece compact polishing disc 26
Fleece compact grinding discs 26
Hook and loop sanding sheets 27
Cleaning fleeces 27
Semi-flexible hook and loop sanding sheets 27
Fibre sanding discs 28
Steel-wire brushes 31

03 Diamond tools 33

Diamond cutting discs 33
Diamond channeling discs 37
Diamond cup wheels 38
Diamond tools "Dry" 40
Accessories with Ø 76 mm 42

04 Further accessories for angle grinders 44



05 Stainless steel surface processing 55

Accessories for Inox angle grinders 56
Accessories for fillet weld grinders 58
Accessories for burnishing machines 59
Accessories for tube belt sanders 64
Accessories for band files 66
General accessories for processing stainless steel 67

06 Accessories for die grinders 68

Router bits 69
Corundum mounted points 73
Flap wheels 74
Small grinding discs 74
Small cutting discs 75
Collets 75
Flexible shafts 75

07 Other metal processing 77

Accessories for polishers 77
Accessories for wet polishers 78
Cutting discs for metal chop saws 79
Accessories for bench grinders 80
Accessories for bevelling tools 82
Accessories for metal shears and nibblers 82

08 Processing of concrete, masonry and plaster 84

Accessories for wall chasers 84
Accessories for renovation grinders 86
Accessories for renovation milling machines 88

09 Hammer drill bits and chisels 89

SDS-plus drill bits 90
SDS-max Drill Bits 96
Dust extraction drill bits 100
SDS-plus chisel bits 102
SDS-max chisel bits 104
Concrete core cutters 105
Core Bits 105
Change chuck 107

10 Chucks 110

Keyless chuck 111
Geared chucks 113
Quick system 115

11 Drill bits and hole saws 118

Metal drill bit 118
Masonry drill bits/ concrete drill bits 126
Universal drill bits/ glass drill bits 129
Diamond drill bits 129
Diamond core bits 130
Wood drill bits 131
Hole saws 135
Drill stands 140

12 Accessories for magnetic core drills 142

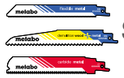
13 Stirrer paddles 147

14 Screwdriver bits and socket wrenches 148

15 Circular saw blades and guide rails 152

Circular saw blades 152
Cross cutting rails and guide rails 165

16 Jigsaw blades 169



17 Sabre saw blades 182

18 Accessories for multi-tools 193

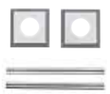
19 Band saw blades 197

20 Further accessories for semi-stationary woodworking 200

Accessories for circular saws 200
Accessories for planing machines 203
General accessories for woodworking 204

21 Grinding media on base 205

Accessories for random orbital sander 206
Accessories for sanders 212
Hand sanding sheets 215
Accessories for multi sanders 216
Extraction accessories for sanding/grinding machines 217
Accessories for triangular base-plate sanders 219
Accessories for belt sanders 221
Accessories for long-neck grinders 222



22 Milling and planing 225

Accessories for routers and router and grinder motor 225
Accessories for the paint remover 228
Planer accessory 228

23 Vacuuming and extraction 229

Accessories for all-purpose vacuum cleaners 231
CordlessControl 239
Accessories for chip and dust extraction units 241

24 Further accessories for power tools 243

Accessories for hot air guns 243
Accessories for staplers 244
Accessories for glue guns 245
Accessories for cordless caulking gun 245
Accessories for the cordless blind rivet gun 245
Accessories for the cordless site light 246
Accessories for measuring technology 246

25 Accessories for garden tools 247

Accessories for cordless brush cutter 247
Accessories for cordless lawn mowers 247
Accessories for hedge trimmers 248
Accessories for cordless shrub and grass shears 248
Accessories for chain saws 248
Accessories for cordless leaf blower 248

26 Battery packs and chargers 249

27 Transport systems 255

metaBOX system 255
Tool bags 261

28 Tool safety equipment / occupational safety 262

29 Accessories for compressed air systems 264

Accessories for compressors 264
Compressed air preparation 264
Compressed air distribution 266
Accessories for compressed air tools 275

30 Accessories for water and pump technology 279

31 Accessory sets 288

32 Accessory modules 299

Order Number Index 304

Ideal partner for the trade.

**Professional power tool solutions. Each professional power tool comes with professional accessories. Metabo does not only offer a large selection of system accessories, but also a complete range of the required consumables.
The right solution for every application.**

Quick orientation

Thanks to the continuous color theme on information strips and on the packaging, the customer will be informed about product use and application in a targeted manner.

More space for sales

Present 40% more products on the same area by means of hanging products behind one another in tiers

Flexible setup

The accessory presentation system adapts itself to any retail space. The individual elements can be set up quickly and easily.

Mobile sales consultation

Thanks to our mobile vans we can support you in your mobile promotions and presentations

Digital marketing

Using always up-to-date product information, images and videos we are offering modern solutions for sale at the digital point of sale.

Training

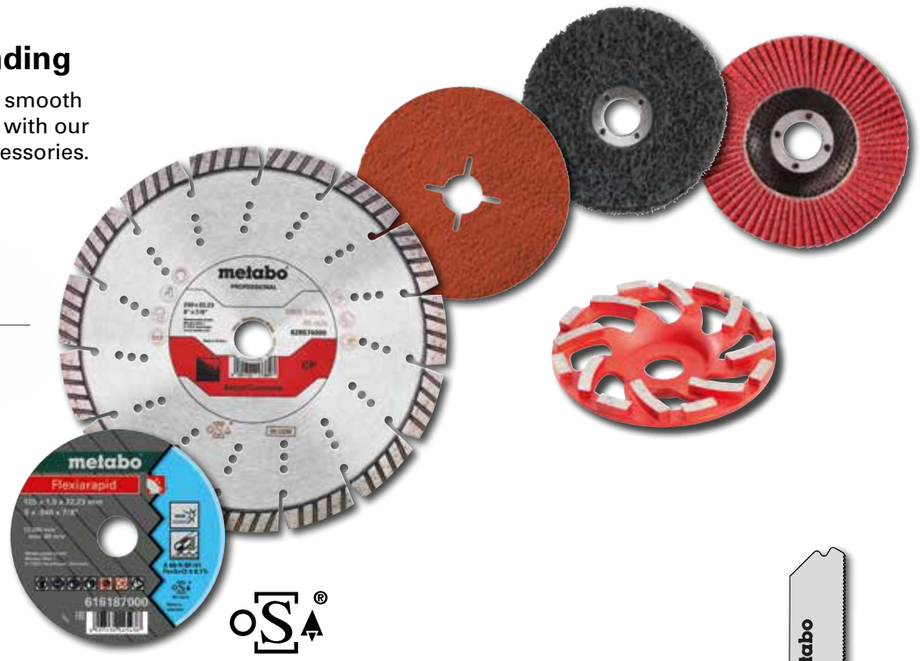
Technical consultations help the customer to find the ideal solution. Our training will help you with this.

Diverse competence

Good work results can only be achieved with powerful accessories. Therefore, all Metabo products are designed for demanding applications without any compromise. They are manufactured and controlled according to the most stringent quality standards. We offer everything from a single source: System accessories and consumables for any application.

Cutting and grinding

Clean cutting edges and smooth surfaces are guaranteed with our cutting and grinding accessories.



Sawing

The ideal saw blade for each application with colour coding system for fast orientation.

SDS max/plus drill bits and chisel bits

Very demanding applications become child's play with the right accessories.

Accessory sets

Everything always at hand thanks to the multitude of our accessory sets

Chucks

Precision down to the detail for all standard drills and any work process.

Made in Germany: Innovation is our tradition.

In every Metabo tool there is traditional German engineering ingenuity. Since 1924 we have been developing innovative ideas in our Nürtingen plant and have been implementing them into pioneering tools and perfect accessories for professional users directly on site. Our service, tailor-made to your requirements, also makes us a strong partner for the industrial sector.

Aluminium foundry

Engineering

Plastic injection moulding

Mechanical production

Motor production

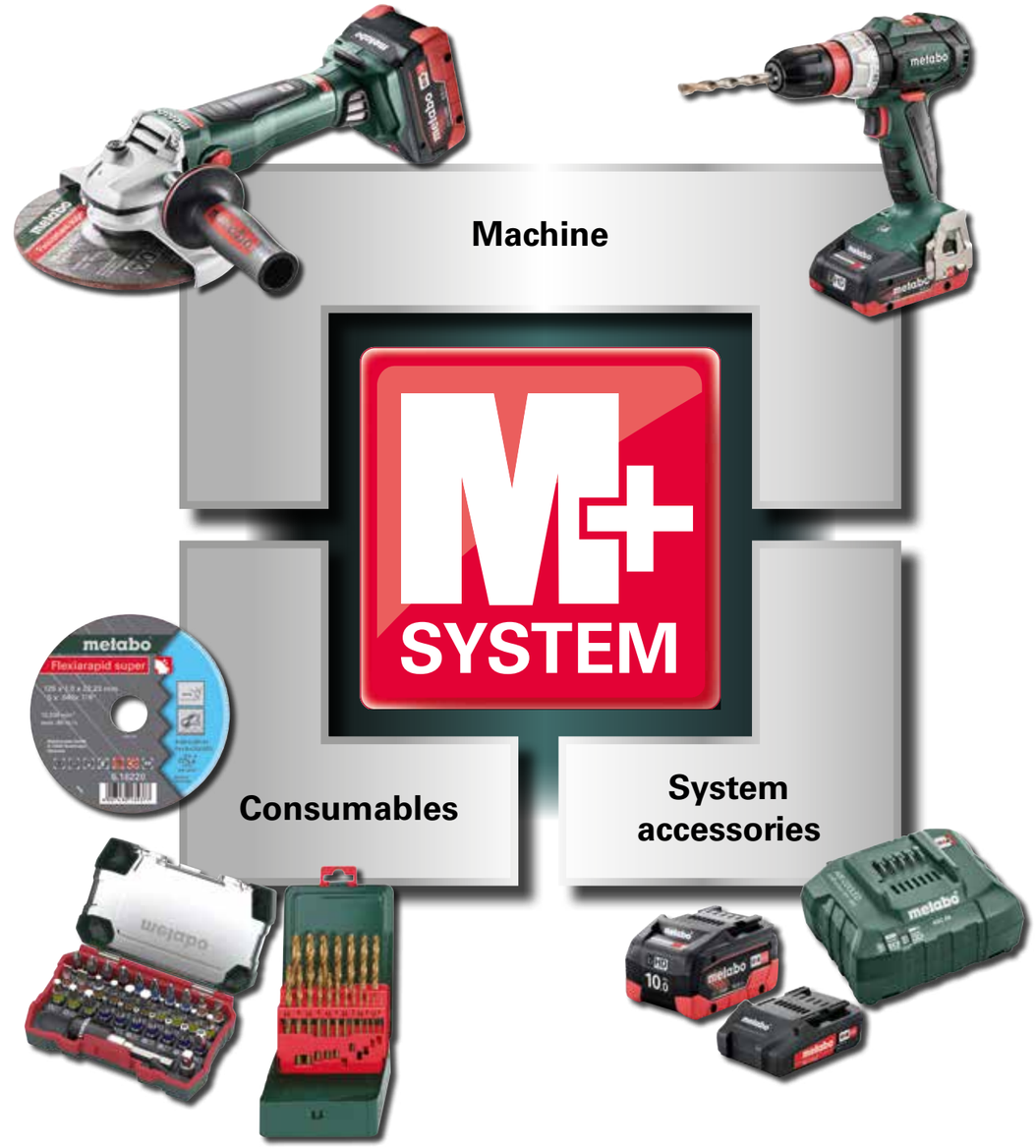
Steel parts with hardening plant

Assembly

Mould construction

M+ System: Machine and accessories perfectly synchronised for maximum performance.

Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. The added benefit: Maximum performance for screwdriving, drilling, grinding, cutting and sawing thanks to Metabo + System effect.



Cutting and grinding discs: The Metabo quality classes at a glance

Metabo offers you four quality grades, from which you can choose the right disc for your applications.

»Novoflex«
»Novorapid« Inox

Basic quality

Impress with good cutting output and material removal with good tool life.

»Flexiamant«
»Flexiarapid« Inox

Standard quality

Particularly uniform in cutting output and extraordinary tool life.

»Flexiamant Super«
»Flexiarapid Super«
Inox HydroResist

Premium quality

Extremely high cutting output with very long tool life

CER

»M-Calibur«

Premium CER quality

Special ceramic abrasive grain technology and bonding for highest productivity and work progress

The Metabo colour coding system

Metabo grinding wheels are colour coded according to their application area with the appropriate colour from the coding system. The catalogue carries the relevant colour bar on the left side of the grinding disc groups' table to help selection:

- Steel, sheet steel
- Stainless steel
- Aluminium, bronze, copper, brass, other NF metals
- Stone, concrete, tiles, breeze block etc.
- Pipeline

Cutting and grinding discs: Powerful and robust

The quality of cutting and grinding discs depends on several things: The grit (size, shape and quality of the abrasive grains), determines how powerful a disc is. The right ratio of bonding, filler materials and glass reinforcement determine how long the disc will last. Metabo cutting and grinding discs are manufactured in accordance with our recipes and quality specifications so that they, in combination with our machines, achieve best working results. The powerful discs permit an optimum working result in connection with long tool life and are therefore particularly economical.

The Symbol of Safety

Metabo cutting and grinding accessories meet the highest safety standards, international standards and safety requirements such as EN 12413 and OSA

This is how to read the specification for a cutting and grinding disc:

Specification
The combination of letters and numbers is the genetic code of the grinding wheel.

Abrasive
A ■ For general metal processing
ZA ■ Special discs for metal processing

C Silicon carbide
■ For processing stone
CA Ceramic
■ Special discs for processing stainless steel and metal

Grit
The higher the number, the finer the grit. We use grain sizes of 16 – 60 for cutting and grinding discs:
16–24 Coarse
30–60 Medium

Hardness
The hardness of a grinding tool is coded alphabetically:

ABC ...	NOP ...	RST ...	Z
Very soft	Soft	Hard	Very hard

Shape
Shape 41: straight version
Shape 42/27: offset version

Bonding
B Resin bonding
■ Permitted for a circumferential speed of up to 50 m/s
BF Glass-fibre reinforced resin bonding
■ Permitted for a circumferential speed of up to 80 m/s

Example: A 24-N-BF
A Aluminium oxide
24 Grit
N Hard disc
BF Glass-fibre reinforced resin bonding
■ A disc of this type cuts well and has a good service life when working with steel.

Which disc is suitable for which application?

Legend

Novoflex
Good cutting performance/tool life

Flexiamant
High cutting performance/tool life

Flexiamant super
Very high cutting output/tool life

■ highly suitable
□ Only suitable under certain circumstances.
(The exclusive use of these materials will result in reduced service life or reduced cutting capacity)

Material/application	Cutting discs for: Hand-held angle grinders													Hand operated cutting machines (petrol)	Table mounted chop saws			Stationary cutting machines		Grinding discs for: Hand-held angle grinders						
	CA 46-U	A 30	A 30-R	A 36-T	A 60-T/A 46-T	A 46-T	A 30-P	A 46-R/A 60-R/A 30-R	A 60-U/A 46-U/A 36-U	A 46-U	A 30-O	C 30-S	C 60-T	A 24-N	A 30-R	A 36-S	A 36-R	A 30-R / A 24-M	A 30-S	C 30-S	CA 36-O	A 24	A 24-N	A 24-T	ZA 24-T	A 30-O	A 36-M	C 24-N
	M-Calibur steel/Inox	Novoflex steel	Flexiamant steel	Flexiamant super steel	Flexiamant super steel	Novorapid Inox	Flexiamant Inox	Flexirapid Inox	Flexirapid super Inox	Combinator	Flexirapid aluminium	Flexiamant super stone	Flexiamant super stone	Flexiamant super steel	Flexiamant steel	Flexiamant super steel	Flexiamant super Inox	Flexiamant super steel	Flexiamant super steel	Flexiamant super stone	M-Calibur steel/Inox	Novoflex steel	Flexiamant steel	Flexiamant super steel	Flexiamant super pipeline	Flexiamant super Inox	Flexiamant super aluminium	Flexiamant super stone
Steel	■	■	■	■	■		□		■	■				■	■	■		■	■		■	■	■	■	□	□		
General construction steel	■	■	■	■	■		□		□	■				■	■	■		■	■		■	■	■	■	□			
Construction steel, high tensile strength		□	□	■			□		□	■				□	□	□		□	□		□	□	□	□	■			
Tool steel	■		■	■	■		□		□	■				■	□	□		□	■		■	■	■	■	□			
Steel sheets/thin-walled profiles	■	■	■	■	■	■	□	□	□	■				■	■	■		□	■		□		□	□	□			
Ductile pipes																												
Pipeline																					■			■	■			
Grey cast iron GG																					■			■	■			
Ductile cast iron GGG																					■			■	■			
Cast steel GG																					■			■	■			
Malleable cast iron GT																					■			■	■			
Stainless steel	■					■	■	■	■	■							■	□	□		■				■	■		
Non-alloy stainless steel	■					■	■	■	■	■								□	□		■				■	■		
High-alloy stainless steel	■					■	■	■	■	■							■	□	□		■				■	■		
Stainless steel sheets/ thin-walled profiles	■					■	■	■	■	■							■	□	□		■				■	■		
Container construction					■																■	□			■	■		
Aluminium											■									□							■	
Bronze											■									□							■	
Copper											■									□							■	
Brass											■									□							■	
Other non-ferrous metals											■									□							■	
Asphalt																												
Concrete												■								■								■
Reinforced concrete												□																■
Pumice stone												□																
Roof tiles												□																
Tiles													■															
Aerated concrete												□																
Granite												□																■
Glazed tiles													■															
Sand-lime brick												□																■
Ceramic													■															
Clinkers												□																
Fireclay												□																
Stone												■								■								■
Clay pipes																				□								
Exposed aggregate concrete																				□								

Cutting and grinding discs "M-Calibur" for steel and stainless steel.

"M-Calibur" grinding wheels with special ceramic abrasive grain technology and bonding for highest productivity and work progress in steel and stainless steel

CER

- Maximum number of cuts with the cutting disc "M-Calibur" (up to 3 times the service life)
- Extremely high cutting speed
- Maximum material removal with the grinding disc "M-Calibur" (up to 3x the removal than standard grinding discs)
- Extremely high material removal speed

Highest safety standards

- Exceed the requirements of all relevant safety standards EN 12413, OSA

Perfectly adjusted to the most powerful angle grinders

Particularly wide range of application

- For all steel and stainless steel applications

Cutting discs

Cutting discs for hand-held angle grinders

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 60-R / A 46 R "Novorapid" Steel ■ Quality Novorapid: powerful entry-level class ■ Thin cutting disc for general metal processing, especially for thin-walled materials such as pipes, metal sheets, profiles, wires etc. ■ Good cutting performance with good tool life. ■ Hardness: medium-hard ■ Low material consumption, power-saving, low machine load ■ Maximum working speed: 80 m/s					
	A 60-R	115 x 1 x 22,23	—	13.300	1/25	**616505000**
	A 60-R	125 x 1 x 22,23	—	12.200	1/25	**616506000**
	A 46-R	150 x 1,6 x 22,23	—	10.200	1/25	**616507000**
	A 46-R	180 x 1,6 x 22,23	⌒	8.500	1/25	**616508000**
	A 46-R	230 x 1,9 x 22,23	⌒	6.600	1/25	**616509000**
	Quality class A 30 "Novoflex" steel ■ Quality Novoflex: powerful entry-level class ■ Hardness: medium-hard ■ Universal use in metal processing ■ Good cutting performance with good tool life. ■ Maximum working speed 80 m/s					
	A 30	100 x 2,5 x 16	—	15.300	1/25	**616446000**
	A 30	100 x 2,5 x 16	⌒	15.300	1/25	**616447000**
	A 30	115 x 2,5 x 22,23	—	13.300	1/25	**616442000**
	A 30	115 x 2,5 x 22,23	⌒	13.300	1/25	**616454000**
	A 30	115 x 3 x 22,23	⌒	13.300	1/25	**616420000**
	A 30	125 x 2,5 x 22,23	—	12.200	1/25	**616444000**
	A 30	125 x 2,5 x 22,23	⌒	12.200	1/25	**616456000**
	A 30	150 x 3 x 22,23	—	10.200	1/25	**616448000**
	A 30	180 x 3 x 22,23	—	8.500	1/25	**616450000**
	A 30	180 x 3 x 22,23	⌒	8.500	1/25	**616457000**
	A 30	230 x 3 x 22,23	—	6.600	1/25	**616452000**
	A 30	230 x 3 x 22,23	⌒	6.600	1/25	**616477000**
	Quality class A 30-R "Flexiamant" Steel ■ Universal disc for complete metal processing ■ Hardness: medium ■ High cutting output with long tool life ■ Uniform in cutting output and tool life ■ Maximum working speed 80 m/s					
	A 30-R	100 x 2,5 x 16	—	15.300	1/25	**616742000**
	A 30-R	115 x 2,5 x 22,23	⌒	13.300	1/25	**616727000**
	A 30-R	115 x 2,5 x 22,23	—	13.300	1/25	**616770000**
	A 30-R	125 x 2,5 x 22,23	⌒	12.200	1/25	**616310000**
	A 30-R	125 x 2,5 x 22,23	—	12.200	1/25	**616732000**
	A 30-R	150 x 3 x 22,23	—	10.200	1/25	**616121000**
	A 30-R	150 x 3 x 22,23	⌒	10.200	1/25	**616313000**
	A 30-R	180 x 3 x 22,23	—	8.500	1/25	**616123000**
	A 30-R	180 x 3 x 22,23	⌒	8.500	1/25	**616300000**
	A 30-R	230 x 3 x 22,23	—	6.600	1/25	**616127000**
	A 30-R	230 x 3 x 22,23	⌒	6.600	1/25	**616302000**

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 60-T / A 46-T "Flexiamant Super" steel ■ Thin high output cutting disc especially for thin materials such as metal sheets, pipes, profiles, wires ■ Hardness: hard ■ Very high cutting output with good tool life ■ Low material consumption, power-saving, low machine load ■ Maximum working speed 80 m/s					
	A 60-T	115 x 1 x 22,23	—	13.300	1/25	**616188000**
	A 46-T	115 x 1,6 x 22,23	—	13.300	1/25	**616191000**
	A 60-T	125 x 1 x 22,23	—	12.200	1/25	**616189000**
	A 46-T	125 x 1,6 x 22,23	—	12.200	1/25	**616192000**
	Quality class A 36-T "Flexiamant Super" steel ■ Universal disc for complete metal processing ■ Hardness: hard ■ Extremely high cutting output with good tool life by using special corundums ■ Best results using powerful angle grinders ■ Maximum working speed 80 m/s					
	A 36-T	115 x 2 x 22,23	⌒	13.300	1/25	**616100000**
	A 36-T	115 x 2 x 22,23	—	13.300	1/25	**616105000**
	A 36-T	115 x 3 x 22,23	⌒	13.300	1/25	**616104000**
	A 36-T	125 x 2 x 22,23	⌒	12.200	1/25	**616101000**
	A 36-T	125 x 2 x 22,23	—	12.200	1/25	**616107000**
	A 36-T	150 x 2 x 22,23	—	10.200	1/25	**616109000**
	A 36-T	150 x 2 x 22,23	⌒	10.200	1/25	**616119000**
	A 36-T	180 x 2 x 22,23	⌒	8.500	1/25	**616102000**
	A 36-T	180 x 2 x 22,23	—	8.500	1/25	**616111000**
	A 36-T	230 x 2,5 x 22,23	⌒	6.600	1/25	**616103000**
	A 36-T	230 x 2,5 x 22,23	—	6.600	1/25	**616115000**
	Quality class A 46-T "Novorapid" Inox ■ Quality Novorapid: powerful entry-level class ■ Thin cutting disc for processing rust-free, thin-walled materials such as pipes, sheeting, profiles, wires etc. as well as for general metal processing ■ Good cutting performance with good tool life. ■ Hardness: hard ■ Low material consumption, power-saving, low machine load ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Maximum working speed: 80 m/s					
	A 46-T	115 x 1 x 22,23	—	13.200	1/25	**616270000**
	A 46-T	125 x 1 x 22,23	—	12.200	1/25	**616271000**
	A 46-T	180 x 1,5 x 22,23	—	8.600	1/25	**616273000**
	A 46-T	230 x 1,9 x 22,23	—	6.600	1/25	**616274000**
	Quality class A 30-P "Flexiamant" Inox ■ Universal disc for processing stainless steels ■ Hardness: soft ■ High cutting output with long tool life ■ Low in iron and sulphur <0.1% ■ Maximum working speed 80 m/s					
	A 30-P	100 x 2,5 x 16	—	15.300	1/25	**616744000**
	A 30-P	115 x 2,5 x 22,23	⌒	13.300	1/25	**616737000**
	A 30-P	115 x 3 x 22,23	⌒	13.300	1/25	**616741000**
	A 30-P	125 x 2,5 x 22,23	—	12.200	1/25	**616738000**
	A 30-P	180 x 3 x 22,23	—	8.500	1/25	**616163000**
	A 30-P	180 x 3 x 22,23	⌒	8.500	1/25	**616299000**
	A 30-P	230 x 3 x 22,23	—	6.600	1/25	**616167000**

Accessory sets can be found in chapter 31, from page 288

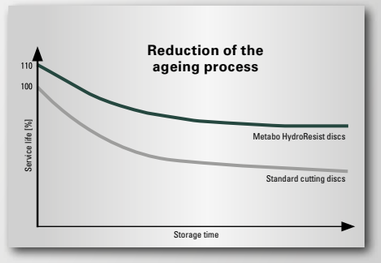
Cutting and grinding

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 60-R / A 46-R / A 30-R "Flexiarapid" Inox ■ Thin high-output cutting disc especially for stainless, thin-walled materials such as pipes, metal sheets, profiles, wires ■ Hardness: hard ■ Very high cutting output with good tool life by using special corundums ■ Low material consumption, power-saving, low machine load. ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Maximum working speed 80 m/s ■ A 60-R with 1 mm thickness; A 46-R with 1.6 mm thickness; A 30-R with 1.9 mm thickness					
	A 46-R	105 x 1,6 x 16	—	15.300	1/25	**616180000**
	A 60-R	115 x 1 x 22,23	—	13.300	1/25	**616186000**
	A 46-R	115 x 1,6 x 22,23	—	13.300	1/25	**616181000**
	A 60-R	125 x 1 x 22,23	—	12.200	1/25	**616187000**
	A 46-R	125 x 1,6 x 22,23	—	12.200	1/25	**616182000**
	A 30-R	150 x 1,6 x 22,23	—	10.200	1/25	**616183000**
	A 30-R	180 x 1,6 x 22,23	—	8.500	1/25	**616184000**
	A 30-R	230 x 1,9 x 22,23	—	6.600	1/25	**616185000**

New durable miracle: Flexiarapid Super/Combinator cutting discs with HydroResist formula

Resin-bonded grinding wheels age and lose performance over the course of time - even if they are unused. The newly developed HydroResist formula counteracts this process and sustainably ensures the performance of the discs.

- **More endurance:** increases the service life of the disc - even with high atmospheric humidity
- **Less replacement costs:** 10% more cuts (per disc) by virtue of newly developed formula for optimised connection of grain and bonding agent



	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit		Order no.
	Quality class A 36-U / A 46-U / A 60-U "Flexiarapid Super" Inox HydroResist ■ The super-thin high-output disc especially for processing stainless steel ■ Super quick with very long service life thanks to the use of special corundums ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), spring steels, tool steels ■ For use in the manufacture of vehicles, containers, car bodies, consumer units etc. ■ Cutting discs for quiet, precise cutting, cuts without burrs ■ Hardness: hard ■ Maximum working speed 80 m/s						
	A 46-U	76 x 1 x 10	—	20.100	5/1	NEW	**626870000**
	A 60-U	105 x 1 x 16	—	15.300	1/25		**616210000**
	A 60-U	105 x 1 x 16	—	15.300	50/1	NEW	**616347000**
	A 60-U	115 x 0,8 x 22,23	⌒	13.300	1/50		**616208000**
	A 60-U	115 x 1 x 22,23	—	13.300	1/25		**616216000**
	A 60-U	115 x 1 x 22,23	⌒	13.300	1/25		**616217000**
	A 46-U	115 x 1,6 x 22,23	—	13.300	1/25		**616218000**
	A 46-U	115 x 1,6 x 22,23	⌒	13.300	1/25		**616219000**
	A 60-U	125 x 0,8 x 22,23	⌒	12.200	1/50		**616209000**
	A 60-U	125 x 1 x 22,23	—	12.200	1/25		**616220000**
	A 46-U	125 x 1,6 x 22,23	—	12.200	1/25		**616222000**
	A 46-U	150 x 1,6 x 22,23	—	10.200	1/25		**616224000**
	A-36-U	180 x 1,6 x 22,23	—	8.500	1/25		**616226000**
	A-36-U	180 x 1,6 x 22,23	⌒	8.500	1/25		**616227000**
	A 36-U	180 x 1,8 x 22,23	⌒	8.500	1/25	NEW	**616230000**
	A 36-U	230 x 1,9 x 22,23	—	6.600	1/25		**616228000**
	A 36-U	230 x 1,9 x 22,23	⌒	6.600	1/25		**616229000**

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit		Order no.
	Quality class A 46-U "Combinator" Inox HydroResist ■ One grinding wheel for two applications: quick cutting, and easy deburring and sanding ■ All-purpose use for processing stainless steel and for general metal processing ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Hardness: hard ■ Reduces labour costs by saving on set-up time ■ Eliminates time-consuming disc change during mobile use. ■ Highest standards in quality and safety thanks to the dimensional and lateral stability of the disc design (proven safety with 3 full-surface layers of material) ■ Maximum working speed: 80 m/s						
	A 46-U Combinator Inox	76 x 1 x 22,23	⌒	20.100	3/1	NEW	**626872000**
	A 46-U Combinator Inox	115 x 1,9 x 22,23	⌒	13.200	1/25		**616500000**
	A 46-U Combinator Inox	125 x 1,9 x 22,23	⌒	12.200	1/25		**616501000**
	Quality class CA 46-U "M-Calibur" Inox ■ The latest generation of cutting discs with ceramic abrasive grain ■ Maximum cutting performance with extremely high tool life thanks to using ceramic special corundum and new bonding ■ Highest productivity and work progress ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), high-alloy steels, spring steels, tool steels. ■ Hardness: hard ■ Maximum working speed 80 m/s						
	CA 46-U	115 x 1,6 x 22,23	—	13.300	1/25		**616285000**
	CA 46-U	125 x 1,6 x 22,23	—	12.200	1/25		**616286000**
	Quality class A 60-P / A 46 P "Flexiarapid" Alu ■ Thin high-output cutting disc especially for processing aluminium, non-ferrous metals, copper, brass, bronze etc., thin-walled materials such as pipes, metal sheets, profiles, wires ■ Hardness: medium-hard ■ High cutting output with long tool life ■ Maximum working speed 80 m/s ■ Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!						
	A 60-P	115 x 1 x 22,23	—	13.300	1/25		**616512000**
	A 60-P	125 x 1 x 22,23	—	12.200	1/25		**616513000**
	A 46 P	150 x 1,6 x 22,23	—	10.200	1/25		**616514000**
	A 46 P	180 x 1,6 x 22,23	⌒	8.500	1/25		**616515000**
	A 46 P	230 x 1,9 x 22,23	⌒	6.600	1/25		**616516000**
	Quality class A 30-O "Flexiamant Super" Alu ■ Universal disc with open structure for processing non-ferrous metals such as aluminium, copper, brass, bronze … ■ Hardness: soft ■ High cutting output with long tool life ■ Maximum working speed 80 m/s ■ Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!						
	A 30-O	115 x 2,5 x 22,23	⌒	13.300	1/25		**616751000**
	A 30-O	125 x 2,5 x 22,23	—	12.200	1/25		**616752000**
	A 30-O	150 x 3 x 22,23	—	10.200	1/25		**616753000**
	A 30-O	230 x 3 x 22,23	—	6.600	1/25		**616126000**

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit		Order no.
	Quality class C 30-S "Flexiamant Super" stone ■ Universal disc for processing natural and artificial stone ■ Hardness: medium ■ High cutting output with long tool life ■ Maximum working speed 80 m/s						
	C 30-S	115 x 2,5 x 22,23	⌒	13.300	1/25		616728000
	C 30-S	125 x 2,5 x 22,23	⌒	12.200	1/25		616312000
	C 30-S	125 x 2,5 x 22,23	—	12.200	1/25		616733000
	C 30-S	180 x 3 x 22,23	—	8.500	1/25		616143000
	C 30-S	230 x 3 x 22,23	—	6.600	1/25		616147000
	C 30-S	230 x 3 x 22,23	⌒	6.600	1/25		616303000
	Quality class C 60-T "Flexiamant Super" stone ■ Super thin special disc for processing tiles, ceramic, clinkers etc. ■ Hardness: hard ■ Very high cutting output with above average tool life ■ Quick cutting time, less cutting wastage, cleaner cutting edges ■ Maximum working speed 80 m/s						
	C 60-T	115 x 1,5 x 22,23	—	13.300	1/25		616195000
	C 60-T	125 x 1,5 x 22,23	—	12.200	1/25		616196000
	Quality class C 30-S "Flexiarapid Super" Universal ■ Super thin special disc for processing tiles, ceramic, clinkers etc. ■ Universal use ■ Very high cutting output with above average tool life ■ Quick cutting time, less cutting wastage, cleaner cutting edges ■ Maximum working speed 80 m/s						
	C 30-S	76 x 1 x 10	—	20.100	5/1	NEW	626871000*

Cutting discs for cutting machines/petrol cutters

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 24 N "Flexiamant Super" steel ■ For use in all steel processing applications, also for cast materials ■ Hardness: medium ■ High cutting output with long tool life ■ Maximum working speed 80 m/s ■ Cutting discs with 2 reinforced fabrics due to the increased side load with petrol cutters					
	A 24-N	300 x 3,5 x 20	—	5.090	1/10	616136000
	A 24-N	300 x 3,5 x 22,2	—	5.090	1/10	616135000
	A 24-N	300 x 3,5 x 25,4	—	5.090	1/10	616137000

* Self-service packaging

Cutting discs for table-top cutting machines

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit		Order no.
	Quality class A 30-R "Flexiamant" Steel ■ For use in all steel processing applications ■ Good cutting output with good tool life in steel ■ Uniform in cutting output and tool life ■ Medium-hard version for powerful machines (machine load > 3 KW ■ Maximum working speed 80 m/s						
	A 30-R	355 x 3 x 25,4	—	4.365	1/10	NEW	616346000
	Quality class A 30-R / A 36-S "Flexiamant Super" steel ■ Good cutting output with good tool life in steel ■ Hard version for powerful machines (machine load > 3 KW ■ A 36-S: with an inside gauze for quick cuts ■ Maximum working speed 80 m/s						
	A 30-R	300 x 2,5 x 25,4	—	5.090	1/10		616328000
	A 30-R	350 x 3 x 25,4	—	4.365	1/10		616327000
	A 36-S	350 x 3 x 25,4	—	4.365	1/10		616339000
	Quality class A 24-M "Flexiamant Super" Steel ■ High cutting output with good tool life in steel ■ Soft version for less powerful machines (machine load <3 KW) ■ Maximum working speed 80 m/s						
	A 24-M	350 x 3 x 25,4	—	4.365	1/10		616338000
	A 24-M	400 x 3 x 25,4	—	3.820	1/10		616215000
	Quality class A 36-R "Flexiamant Super" Inox ■ Medium-hard special cutting disc for stainless steel ■ High cutting output with good tool life ■ Low in iron and sulphur <0.1% ■ Maximum working speed 80 m/s ■ Medium-hard version for less powerful machines (machine load <3 KW)						
	A 36-R	350 x 3 x 25,4	—	4.365	1/10		616343000

Cutting discs for stationary cutting machines

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 30-S "Flexiamant Super" steel ■ Universal use in metal processing ■ Hardness: hard ■ High cutting output with long tool life ■ Maximum working speed 100 m/s ■ For powerful machines (machine load > 5 KW)					
	A 30-S	300 x 3 x 25,4	—	6.365	1/10	616202000
	A 30-S	350 x 3,5 x 25,4	—	5.460	1/10	616203000
	A 30-S	400 x 4 x 25,4	—	4.775	1/10	616204000
	Quality class C 30-S "Flexiamant Super" stone ■ Universal use for processing natural and artificial stone ■ Also suitable for processing non-ferrous metals ■ Hardness: hard ■ High cutting output with long tool life ■ Maximum working speed 100 m/s ■ For powerful machines (machine load > 5 KW)					
	C 30-S	300 x 3 x 25,4	—	6.365	1/10	616212000
	C 30-S	350 x 3,5 x 25,4	—	5.460	1/10	616213000

Cutting and grinding

Grinding discs

Grinding discs for hand-held angle grinders

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 24 "Novoflex" steel ■ Quality Novoflex: powerful entry-level class ■ Hardness: medium-hard ■ Universal use in metal processing ■ Good material removal with good tool life ■ Maximum working speed 80 m/s					
	A 24	100 x 6 x 16		15.300	1/25	**616429000**
	A 24	115 x 6 x 22,23		13.300	1/25	**616460000**
	A 24	125 x 6 x 22,23		12.200	1/25	**616462000**
	A 24	150 x 6 x 22,23		10.200	1/25	**616464000**
	A 24	180 x 6 x 22,23		8.500	1/10	**616465000**
	A 24	230 x 6 x 22,23		6.600	1/10	**616468000**
	Quality class A 24-N "Flexiamant" Steel ■ Universal disc for all metal processing requirements ■ Hardness: medium ■ High cutting output with long tool life ■ Maximum working speed 80 m/s					
	A 24-N	100 x 6 x 16		15.300	1/25	**616745000**
	A 24-N	115 x 6 x 22,23		13.300	1/25	**616726000**
	A 24-N	115 x 6,8 x 22,23		13.300	1/25	**616725000**
	A 24-N	125 x 4 x 22,23		12.200	1/25	**616680000**
	A 24-N	125 x 6 x 22,23		12.200	1/25	**616730000**
	A 24-N	150 x 6 x 22,23		10.200	1/25	**616554000**
	A 24-N	180 x 6 x 22,23		8.500	1/10	**616560000**
	A 24-N	180 x 6,8 x 22,23		8.500	1/10	**616563000**
	A 24-N	180 x 8 x 22,23		8.500	1/10	**616561000**
	A 24-N	230 x 6 x 22,23		6.600	1/10	**616572000**
	A 24-N	230 x 8 x 22,23		6.600	1/10	**616573000**
	Quality class A 24-T "Flexiamant Super" Steel ■ Universal disc for all metal processing requirements ■ Especially suitable for deburring and grinding edges, also for cast processing ■ Hardness: hard ■ Good material removal with extremely good tool life ■ Maximum working speed 80 m/s					
	A 24-T	115 x 6 x 22,23		13.300	1/25	**616275000**
	A 24-T	125 x 6 x 22,23		12.200	1/25	**616486000**
	A 24-T	150 x 6 x 22,23		10.200	1/25	**616487000**
	A 24-T	180 x 6 x 22,23		8.500	1/10	**616277000**
	A 24-T	230 x 6 x 22,23		6.600	1/10	**616279000**

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 36-O "Flexiamant Super" Inox ■ Special disc for processing stainless steels ■ Low in iron and sulphur < 0.1% ■ Hardness: soft ■ Very good material removal with good tool life ■ Maximum working speed 80 m/s					
	A 36-O	100 x 6 x 16		15.300	1/25	**616735000**
	A 36-O	115 x 6 x 22,23		13.300	1/25	**616739000**
	A 36-O	125 x 6 x 22,23		12.200	1/25	**616747000**
	A 36-O	150 x 6 x 22,23		10.200	1/25	**616604000**
	A 36-O	180 x 6 x 22,23		8.500	1/10	**616610000**
	A 36-O	230 x 6 x 22,23		6.600	1/10	**616622000**
	Quality class CA 36-O "M-Calibur" Inox ■ The latest generation of grinding discs with ceramic grinding media ■ Maximum material removal with extremely high tool life thanks to special ceramic corundum with new bonding ■ Highest productivity and work progress ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), high-alloy steels, spring steels, tool steels. ■ Maximum working speed: 80 m/s ■ Hardness: medium-hard					
	CA 36-O	115 x 7 x 22,23		13.300	1/25	**616290000**
	CA 36-O	125 x 7 x 22,23		12.200	1/25	**616291000**
	CA 36-O	180 x 7 x 22,23		8.500	1/10	**616292000**
	Quality class A 36-M "Flexiamant Super" Alu ■ Special disc with open structure for high material removal and good tool life ■ Hardness: soft ■ Best suited for processing lubricating materials such as aluminium, bronze, copper, brass ■ Maximum working speed 80 m/s ■ Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!					
	A 36-M	115 x 6 x 22,23		13.300	1/25	**616748000**
	A 36-M	125 x 6 x 22,23		12.200	1/25	**616749000**
	A 36-M	180 x 6 x 22,23		8.500	1/10	**616760000**
	A 36-M	230 x 6 x 22,23		6.600	1/10	**616763000**
	Quality class C 24-N "Flexiamant Super" stone ■ Special disc for rough grinding on concrete, natural and artificial stone ■ Hardness: soft ■ High material removal with good tool life ■ Maximum working speed 80 m/s					
	C 24-N	115 x 6 x 22,23		13.300	1/25	**616729000**
	C 24-N	125 x 6 x 22,23		12.200	1/25	**616731000**
	C 24-N	150 x 6 x 22,23		10.200	1/25	**616654000**
	C 24-N	180 x 6 x 22,23		8.500	1/10	**616660000**
	C 24-N	230 x 6 x 22,23		6.600	1/10	**616672000**
	Quality class ZA 24-T "Flexiamant Super" pipeline ■ Special disc for pipeline and container construction ■ Welded seam processing in front facing grinding ■ Grinding out welding faults ■ Hardness: hard ■ Very high material removal with good tool life ■ Maximum working speed 80 m/s					
	ZA 24-T	115 x 4 x 22,23		13.300	1/25	**616792000**
	ZA 24-T	180 x 4 x 22,23		8.500	1/10	**616795000**
	ZA 24-T	230 x 4 x 22,23		6.600	1/10	**616796000**

Cup wheels

Cup wheels, tapered

	Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 16-Q ■ Surface grinding in the entire metal area with angle grinders ■ Hardness: hard ■ Resin-bonded ■ Good material removal with good tool life ■ Maximum working speed 50 m/s ■ For angle grinders with grinding wheel Ø 180 mm and 230 mm			
	110 x 55 x 22,23	8.600	1/6	**616170000**
	110 x 55 x 22,23	8.600	1/1	**630725000***
	Quality class C 16-N ■ For rough work, even for cast iron ■ Resin-bonded ■ Good material removal with good tool life ■ Surface grinding across the entire stone processing sector ■ Also suitable for cast iron materials and non-ferrous metals ■ Maximum working speed 50 m/s ■ For angle grinders with grinding wheel Ø 180 mm and 230 mm ■ Hardness: medium-hard			
	110 x 55 x 22,23	8.600	1/6	**616171000**
	110 x 55 x 22,23	8.600	1/1	**630726000***
	Quality class C 36-M ■ For general tasks ■ Resin-bonded ■ Good material removal with good tool life ■ Surface grinding across the entire stone processing sector ■ Also suitable for cast iron materials and non-ferrous metals ■ Maximum working speed 50 m/s ■ For angle grinders with grinding wheel Ø 180 mm and 230 mm ■ Hardness: medium-hard			
	110 x 55 x 22,23	8.600	1/6	**616177000**

Cup wheels, cylindrical

	Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.
	Quality class A 80-M steel ■ Surface grinding for all metal processing needs ■ Hardness: medium ■ Resin-bonded ■ Good material removal with good tool life ■ Only for dry sanding/grinding ■ Maximum working speed 50 m/s ■ For angle grinders with grinding wheel Ø 115 mm, 125 mm and 150 mm			
	80 x 25 x 22,23	11.940	1/1	**630727000***
	Quality class C 30-N stone ■ Surface grinding for all stone processing applications ■ Hardness: medium ■ Resin-bonded ■ Good material removal with good tool life ■ Only for dry sanding/grinding ■ Maximum working speed 50 m/s ■ For angle grinders with grinding wheel Ø 115 mm, 125 mm and 150 mm			
	80 x 25 x 22,23	11.940	1/20	**629175300**

* Self-service packaging

Flap discs and fibre discs with ceramic grain

- **Extremely long tool life**
  with high-grade ceramic grain
- Extremely high material removal
  with low effort
- **Uniform material removal across the entire service life**
  with self-sharpening ceramic grain
- **Good bonding of the ceramic grain on the carrier material**
- **Grinding-active additional layer**
- **Cool grinding on surfaces and edges**
- **Fields of application:;**
  Processing of sheet metal, container construction, die-cast parts, pipes, bars, metal, stainless steel, high-alloy steels, titanium alloy, chrome-nickel steel, brass, bronze etc.

  Ideal also for extreme grinding jobs

In the ceramic grit, fine aluminium oxide (Al_2O_3) crystals are bonded to each other by means of a sintering process.
The grinding forces cause the micro crystals to break off during the grinding process so that the grinding grit always gets new, sharp cutting edges.

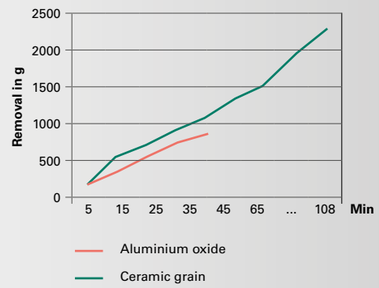
The Metabo convex flap discs.

- **The ideal shape for fillet welds**
  Achieve the optimum finish faster
- **Extremely long tool life**
  thanks to high-quality ceramic grit and/or zirconia alumina
- **Extremely high and fast material removal**
  thanks to high-quality ceramic grit and/or zirconia alumina
- **Faster and more efficient work results**
  thanks to the design which is ideally adapted to fillet welds, also suitable for surface grinding
- **Particularly long service life**
  thanks to the use of ceramic grit and/or zirconia alumina and the high number of lamellae
- **Specially shaped flap disc**
  with lamellae that are rounded off towards the outer edges,
  → suitable for all angle grinders

- **Maximum working speed 80 m/s**

	Removed material after the end of the grinding time
Aluminium oxide	890,0 g
Ceramic grain	2295,0 g

A ceramic grit fibre disc manages 2.5 times the removal of an aluminium oxide disc



Flap disc

Quality class aluminium oxide "Flexiamant"
- Suitable for rough and intermediate grinding of steel, non-ferrous metals, wood and plastics
- High lamellar lining on fibreglass plate
- Uniform grinding capacity
- Cool grinding
- Low noise level
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s
- Tilted version: angle of attack 7-9°

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
115 x 22,23	P 40	⌒	13.300	1/10	624391000
115 x 22,23	P 60	⌒	13.300	1/10	624392000
115 x 22,23	P 80	⌒	13.300	1/10	624393000
115 x 22,23	P 120	⌒	13.300	1/10	624394000
125 x 22,23	P 40	⌒	12.200	1/10	624395000
125 x 22,23	P 60	⌒	12.200	1/10	624396000
125 x 22,23	P 80	⌒	12.200	1/10	624397000
125 x 22,23	P 120	⌒	13.300	1/10	624398000

Quality class zirconia alumina "Novoflex"
- Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel
- Quality "Novoflex": powerful entry-level class
- Uniform grinding capacity
- Cool grinding
- Uniform grinding result, comfortable grinding with only low vibration
- Most suitable for processing stainless steels
- Maximum working speed 80 m/s
- Tilted version: angle of attack 7-9°

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
115 x 22,23	P 40	⌒	13.300	1/10	623175000
115 x 22,23	P 60	⌒	13.300	1/10	623176000
115 x 22,23	P 80	⌒	13.300	1/10	623177000
115 x 22,23	P 120	⌒	13.300	1/10	623178000
125 x 22,23	P 40	⌒	12.200	1/10	623195000
125 x 22,23	P 60	⌒	12.200	1/10	623196000
125 x 22,23	P 80	⌒	12.200	1/10	623197000
125 x 22,23	P 120	⌒	12.200	1/10	623198000
178 x 22,23	P 40	⌒	8.500	1/10	623112000
178 x 22,23	P 60	⌒	8.500	1/10	623114000
178 x 22,23	P 80	⌒	8.500	1/10	623115000

Quality class zirconia alumina "Flexiamant"
- Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel
- High lamellar lining on fibreglass plate
- Uniform grinding capacity
- Cool grinding
- Low noise level
- Uniform grinding result, comfortable grinding with only low vibration
- Most suitable for processing stainless steels
- Maximum working speed 80 m/s; tilted version: angle of attack 7-9°

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit		Order no.
76 x 10	P 60	⌒	20.100	1/1	NEW	626875000*
76 x 10	P 80	⌒	20.100	1/1	NEW	626876000*
115 x 22,23	P 40	⌒	13.300	1/10		624241000
115 x 22,23	P 60	⌒	13.300	1/10		624243000
115 x 22,23	P 80	⌒	13.300	1/10		624244000
115 x 22,23	P 120	⌒	13.300	1/10		624239000
125 x 22,23	P 40	⌒	12.200	1/10		624275000
125 x 22,23	P 60	⌒	12.200	1/10		624277000
125 x 22,23	P 80	⌒	12.200	1/10		624278000
125 x 22,23	P 120	⌒	12.200	1/10		624279000
178 x 22,23	P 40	⌒	8.500	1/10		624256000

* Self-service packaging

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
178 x 22,23	P 60	⌒	8.500	1/10	624258000
178 x 22,23	P 80	⌒	8.500	1/10	624259000
178 x 22,23	P 120	⌒	8.500	1/10	624276000
115 x 22,23	P 40	—	13.300	1/10	624246000
115 x 22,23	P 60	—	13.300	1/10	624247000
115 x 22,23	P 80	—	13.300	1/10	624248000
125 x 22,23	P 40	—	12.200	1/10	624475000
125 x 22,23	P 60	—	12.200	1/10	624477000
125 x 22,23	P 80	—	12.200	1/10	624478000
178 x 22,23	P 40	—	8.500	1/10	624356000
178 x 22,23	P 60	—	8.500	1/10	624358000
178 x 22,23	P 80	—	8.500	1/10	624359000

Quality class ceramic "Flexiamant Super"
- Extremely high material removal with little effort thanks to the self-sharpening ceramic grain.
- Excellent results for surface and edge grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Very high tool life; cool grinding on surfaces and edges
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s
- Tilted version: angle of attack 7-9°

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
115 x 22,23	P 40	⌒	13.300	1/10	626166000
115 x 22,23	P 60	⌒	13.300	1/10	626167000
115 x 22,23	P 80	⌒	13.300	1/10	626168000
125 x 22,23	P 40	⌒	12.200	1/10	626169000
125 x 22,23	P 60	⌒	12.200	1/10	626170000
125 x 22,23	P 80	⌒	12.200	1/10	626171000

Quality class zirconia alumina "Flexiamant Convex"
- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Grinding media: Zirconia alumina
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- High material removal with very high tool life thanks to the use of zirconia alumina
- Suitable for processing stainless steel and steel
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125 x 22,23	P 40	—	12.200	1/10	626462000
125 x 22,23	P 60	—	12.200	1/10	626463000
125 x 22,23	P 80	—	12.200	1/10	626464000
150 x 22,23	P 40	—	10.200	1/10	626490000
150 x 22,23	P 60	—	10.200	1/10	626491000
150 x 22,23	P 80	—	10.200	1/10	626492000

Quality class ceramic "Flexiamant Super Convex"
- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- Very high material removal with very high tool life thanks to the use of ceramic grain.
- Cool cut for materials with poor thermal conduction
- For grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125 x 22,23	P 60	—	12.200	1/10	626460000
125 x 22,23	P 80	—	12.200	1/10	626461000
150 x 22,23	P 60	—	10.200	1/10	626488000
150 x 22,23	P 80	—	10.200	1/10	626489000

Combination flap disc - KLS

- Made from high-quality pink aluminium oxide fabric in combination with high-quality nylon web.
- For removal of material to fine polish in a single process. Very even grinding/polishing result with good material removal.
- For processing weld seams for example, and for grinding or polishing. For removing minor scratches and damage to the work piece.
- Suitable for grinding, cleaning and finishing work on stainless steel, steel, coloured and light metals, titanium alloys.
- Maximum working speed: 80 m/s
- Recommended speed: 3,000 /min

Diameter x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22,23	Coarse	1 / 1	626369000*
125 x 22,23	Coarse	1 / 5	626415000
125 x 22,23	Medium	1 / 1	626370000*
125 x 22,23	Medium	1 / 5	626416000

Fleece compact polishing discs »Unitized« - VKS

- Made of compacted fleece material on a fibreglass plate
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Max. speed: 8,000 /min; 52 m/s
- Recommended speed: 3,000 /min

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22,23	Very fine	1 / 1	626368000*
125 x 22,23	Very fine	1 / 5	626417000

Fleece compact grinding discs »Unitized« - VKS-ZK

- Several layers of pressed fleece material, soaked with resin-bonded abrasive grain (zirconia alumina)
- The addition of abrasive grain covers a range of applications from deburring to soft and flexible finishing jobs. It is suited for deburring, smoothing of weld seams, precise cleaning and finishing of surfaces.
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Profiling of the grinding media possible for precise working. Very low grinding of the processed material.
- Bore 22.23 mm (for angle grinder)
- Max. 10,000/min; recommended speed: 3,000/min

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 6 x 22,23	Coarse	1 / 5	626482000
125 x 6 x 22,23	Medium	1 / 5	626483000

* Self-service packaging

Hook and loop backing pad "Metabo Pyramid"

- Hook and loop, with flexible intermediate layer, foam-moulded; for attaching polishing and sanding accessories
- Sanding pad for polishing and medium-hard grinding jobs. Especially recommended for Metabo Pyramid hook and loop sanding sheets

Female thread	Diameter mm	Thickness mm	Sales unit	Order no.
5/8 "	123	3	1	623298000*
M 14	123	3	1	623300000*

"Metabo Pyramid" hook and loop sanding sheets

- 3-dimensional structure of the grinding media (pyramid-shaped).
- High material removal with, at the same time, a very even and fine grinding result. Long service life. Faster progress when compared to tradition grinding media thanks to the considerable reduction in the number of working stages.
- For removing scratches, mill scale on stainless steel. Preparation for polishing.
- Suitable for use throughout the metal industry; especially for stainless steels, titanium, cobalt, nickel, chrome alloys.

Diameter mm	Grit	Sales unit / packing unit	Order no.
125	P 120 (A 160)	1 / 5	626371000*
125	P 280 (A 65)	1 / 5	626372000*
125	P 400 (A 45)	1 / 5	626373000*
125	P 600 (A 30)	1 / 5	626374000*
125	P 1200 (A 16)	1 / 5	626403000*
125	P 2000 (A 6)	1 / 5	626404000*

Hook and loop fleece compact discs "Unitized" - VKS

- Made from pressed fleece material with hook and loop
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels

Diameter x bore mm	Grit	Sales unit / packing unit	Order no.
125	Very fine	1 / 1	626375000*

Cleaning Fleeces

- For the removal of light rust, paint / varnish on metal, cleaning weld seams / steel / copper / aluminium / brass, sanding steel and texturing wood.
- Maximum working speed: 63 m/s
- Recommended speeds at Ø 115 mm: 2,900 /min, Ø 125 mm: 2,700 /min

Diameter x bore mm	Sales unit	Order no.
115 x 22,23	1	624346000*
125 x 22,23	1	624347000*

Semi-flexible sanding sheets

	Order no.
Semi-flexible sanding sheet ■ Suitable for use on masonry and stone work ■ Grinding media: SiC (silicone carbide); maximum working speed: 80/s For use with the elastic backing pad 623279000 Diameter: 115 mm Grit: C 24 Material suitability: stone Sales unit: 1	624873000

Fibre sanding discs

Diameter x bore mm	Grit	Maximum speed /min	Sales unit / packing unit	Order no.
Aluminium oxide, hole type: round hole, slotted ■ Suitable for use throughout the metal industry ■ For rough and fine grinding jobs ■ Processing weld joints, removing rust, deburring ■ High material removal with good tool life ■ Even grinding result ■ Maximum working speed 80 m/s ■ Fibre discs for clamping on backing pad!				
115 x 22,23	P 16	13.300	1/25	**624135000**
115 x 22,23	P 24	13.300	1/25	**624136000**
115 x 22,23	P 36	13.300	1/25	**624145000**
115 x 22,23	P 40	13.300	1/25	**624137000**
115 x 22,23	P 60	13.300	1/25	**624138000**
115 x 22,23	P 80	13.300	1/25	**624139000**
115 x 22,23	P 120	13.300	1/25	**624141000**
115 x 22,23	P 150	13.300	1/25	**624142000**
115 x 22,23	P 180	13.300	1/25	**624143000**
125 x 22,23	P 16	12.200	1/25	**624223000**
125 x 22,23	P 24	12.200	1/25	**624218000**
125 x 22,23	P 36	12.200	1/25	**624216000**
125 x 22,23	P 40	12.200	1/25	**624219000**
125 x 22,23	P 60	12.200	1/25	**624220000**
125 x 22,23	P 80	12.200	1/25	**624221000**
125 x 22,23	P 120	12.200	1/25	**624224000**
125 x 22,23	P 180	12.200	1/25	**624226000**
180 x 22,23	P 16	8.500	1/25	**624123000**
180 x 22,23	P 24	8.500	1/25	**624103000**
180 x 22,23	P 30	8.500	1/25	**624124000**
180 x 22,23	P 36	8.500	1/25	**624122000**
180 x 22,23	P 40	8.500	1/25	**624104000**
180 x 22,23	P 50	8.500	1/25	**624102000**
180 x 22,23	P 60	8.500	1/25	**624105000**
180 x 22,23	P 80	8.500	1/25	**624106000**
180 x 22,23	P 120	8.500	1/25	**624101000**
230 x 22,23	P 24	6.600	1/25	**624227000**
230 x 22,23	P 40	6.600	1/25	**624228000**
Zirconia alumina, hole type: round hole, slotted ■ Suitable for use throughout the metal industry ■ For rough and fine grinding jobs ■ Especially for processing stainless steel ■ High material removal with good tool life ■ Even grinding result ■ Maximum working speed 80 m/s ■ Fibre discs for clamping on backing pad!				
115 x 22,23	P 36	13.300	1/25	**622971000**
115 x 22,23	P 40	13.300	1/25	**622972000**
115 x 22,23	P 50	13.300	1/25	**622973000**
115 x 22,23	P 60	13.300	1/25	**622974000**
115 x 22,23	P 80	13.300	1/25	**622975000**
115 x 22,23	P 120	13.300	1/25	**622977000**
125 x 22,23	P 36	12.200	1/25	**622981000**
125 x 22,23	P 40	12.200	1/25	**622982000**
125 x 22,23	P 60	12.200	1/25	**622984000**
125 x 22,23	P 80	12.200	1/25	**622985000**
125 x 22,23	P 100	12.200	1/25	**622986000**
125 x 22,23	P 120	12.200	1/25	**622987000**
180 x 22,23	P 36	8.500	1/25	**622991000**
180 x 22,23	P 40	8.500	1/25	**622992000**
180 x 22,23	P 60	8.500	1/25	**622994000**
180 x 22,23	P 80	8.500	1/25	**622995000**
180 x 22,23	P 120	8.500	1/25	**622997000**
Ceramic, hole type: round hole, slotted ■ Self-sharpening ceramic grain for extremely high material removal with little effort ■ Excellent results for surface grinding of steel and stainless steel. Ideal for extreme grinding jobs such as processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze, thanks to high load capacity. ■ Very high tool life; cool grinding ■ Ceramic filter discs achieve their best performance on powerful angle grinders with increased down pressure. ■ Fibre discs for clamping on backing pad! The backing pads with cooling fins are recommended for clamping the ceramic fibre sanding discs (e.g. Ø 125 mm, 623291000) ■ Maximum working speed 80 m/s				
115 x 22,23	P 24	13.300	1/25	**626150000**
115 x 22,23	P 36	13.300	1/25	**626151000**
115 x 22,23	P 60	13.300	1/25	**626152000**
115 x 22,23	P 80	13.300	1/25	**626153000**
125 x 22,23	P 24	12.200	1/25	**626154000**
125 x 22,23	P 36	12.200	1/25	**626155000**
125 x 22,23	P 60	12.200	1/25	**626156000**
125 x 22,23	P 80	12.200	1/25	**626157000**
180 x 22,23	P 24	8.500	1/25	**626158000**
180 x 22,23	P 36	8.500	1/25	**626159000**
180 x 22,23	P 60	8.500	1/25	**626160000**
180 x 22,23	P 80	8.500	1/25	**626161000**

Backing pads for fibre sanding discs

Backing pads, standard

- Standard version for medium to rough grinding work
- For use with fibre sanding discs
- All pads with flange nut
- Maximum working speed 80 m/s
- 626418000: Special version with longer flange nut for use on Metabo angle grinders with Auto-balancer / brake

Diameter mm	Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
115	M 14	13.300	1/1	**623279000***
125	M 14	12.200	1/1	**623278000***
180	M 14	8.500	1/1	**623275000***
230	M 14	6.600	1/1	**623280000***
115	5/8 "	13.300	1/1	**623283000***
125	5/8 "	12.200	1/1	**623284000***
180	5/8 "	8.500	1/1	**623281000***
230	5/8 "	6.600	1/1	**623282000***

* Self-service packaging

Backing pad, standard 2.0

- Medium-hard backing pad for fibre discs, ideal for grinding applications with fine and medium grit
- High flexibility thanks to smooth surface
- Safe working protected from sparks thanks to innovative design, optimally adjusted to the dimensions of the standard guards from Metabo. Also suitable for Metabo angle grinder with Auto-balancer
- Flange nut included in scope of delivery
- Maximum working speed: 80 m/s

NEW

Diameter mm	Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
115	M 14	13.300	1/1	626452000*
125	M 14	12.200	1/1	626453000*
180	M 14	8.500	1/1	626454000*
115	5/8 "	13.300	1/1	626628000*
125	5/8 "	12.200	1/1	626629000*
180	5/8 "	8.500	1/1	626630000*

Backing pad with cooling fins

- For use with fibre sanding discs
- Backing pads with cooling fins are mainly used for all coarse grinding jobs. Also suitable for processing stainless steel
- The cooling fins run radially on the grinding surface reducing overheating of workpiece and backing pad
- All pads with flange nut
- Maximum working speed 80 m/s

Diameter mm	Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
115	M 14	13.300	1/1	623290000*
125	M 14	12.200	1/1	623291000*
180	M 14	8.500	1/1	623292000*

Backing pad with cooling fins 2.0

- Hard backing pad for fibre discs, ideal for rough grinding jobs
- Specially shaped cooling fins for high material removal and particularly cool grinding
- Backing pad made from heat-resistant and temperature-resistant plastic material
- Safe working protected from sparks thanks to innovative design, optimally adjusted to the dimensions of the standard guards from Metabo. Also suitable for Metabo angle grinder with Auto-balancer
- Flange nut included in scope of delivery
- Maximum working speed: 80 m/s

NEW

Diameter mm	Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
115	M 14	13.300	1/1	626455000*
125	M 14	12.200	1/1	626456000*
180	M 14	8.500	1/1	626457000*
115	5/8 "	13.300	1/1	626631000*
125	5/8 "	12.200	1/1	626632000*
180	5/8 "	8.500	1/1	626633000*

* Self-service packaging

Steel-wire brushes

Steel-wire cup brushes, twisted steel

- For universal use in metal processing, e.g. for cleaning, deburring, purging, removing rust, smoothing welding seams and points, stripping slag, scales and old paint
- For processing large areas, weld seams etc.
- Edging type: twisted steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
65	M 14	0,35 mm	11.000	1/1	623796000*
65	M 14	0,35 mm	11.000	1/50	623796700
65	5/8 "	0,50 mm	11.000	1/1	623804000*
80	M 14	0,50 mm	8.600	1/1	623710000*
100	M 14	0,50 mm	8.600	1/1	623711000*

Steel-wire cup brushes, stainless steel, twisted

- For universal use in stainless steel processing, e.g. for smoothing welding seams and points, stripping slag, scales and old paint. Ideally suited for processing stainless steels
- Edging type: twisted stainless steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
65	M 14	0,35 mm	11.000	1/1	623801000*
65	5/8 "	0,35 mm	11.000	1/1	623805000*

Steel-wire cup brushes, crimped steel

- For light surface processing and deburring work in all metal processing
- For processing larger areas, weld seams, metal plates
- Edging type: crimped steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
75	M 14	0,30 mm	11.000	1/1	623715000*
100	M 14	0,30 mm	8.600	1/1	623719000*

Steel-wire wheel brushes, twisted steel

- For universal use in metal processing, e.g. for processing of profiles, cutting edges, gear wheels, grooves, smoothing welding seams and points, stripping slag, scales and old paint
- Especially suitable for processing narrow workpieces as well as inner edges
- Edging type: twisted steel wire
- 623803000: offset version

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
100	M 14	0,50 mm	12.500	1/1	623803000*
115	M 14	0,50 mm	12.500	1/1	626770000*
125	M 14	0,50 mm	12.500	1/1	626771000*

Steel-wire wheel brush, twisted steel

- For universal use in stainless steal processing, e.g. smoothing welding seams and points, stripping slag, scales and old paint
- Especially suitable for processing narrow workpieces as well as inner edges
- Most suitable for processing stainless steels
- Edging type: twisted stainless steel wire

Diameter mm	Female thread	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
115	M 14	0,50 mm	12.500	1/1	626778000*

Steel-wire wheel brushes, twisted steel, pipeline

- Specially developed for the professional processing of U and V-weld seams in pipeline construction, as well as for root weld seam preparation
- Edging type: twisted steel wire
- Thickness of plait: 6.0 mm

Diameter mm	Bore Ø	Wire thickness	Maximum speed /min	Sales unit / packing unit	Order no.
125	22.23	0,50 mm	12.500	1/1	626815000*
150	22.25	0,50 mm	10.000	1/1	626816000*

* Self-service packaging

Diamond cutting discs for building industry and trade

High-quality and robust diamond cutting discs from Metabo meet highest safety standards, international standards (EN 13236) and safety requirements according to OSA. They guaranteed highest cutting speed in connection with a long tool life. This results in a particularly economical processing of different materials e.g. concrete, exposed aggregate concrete, clinker, hard stone, granite or other building materials.
The product range offers the ideal tool for any processing task.

Diamond cutting discs are available in two quality classes

SP quality:

- **Good service life**
- **Good cutting speed**

SP-U = Universal

SP-UT = Universal turbo

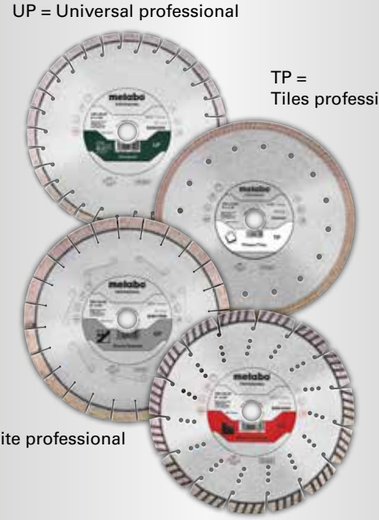
SP-T = Tiles

Professional quality:

- **Longest tool life**
- **Very good cutting speed**
- **Laser-welded diamond segments in segmented discs**

UP = Universal professional

TP = Tiles professional



GP = Granite professional

CP = Concrete professional

Benefits:

- **Highest degree of safety guaranteed by OSA and EN 13236**
- **Excellent cutting speed for short cutting times thanks to high-grade diamond quality**
- **Long tool life**
- **High cutting comfort thanks to hardened steel blade**
- **High efficiency**

Recommended use:

- **Cutting with little pressure to avoid overheating of the diamond cutting disc**

The optimal tool for any application

Quality class SP:

Processing task	Material	Tool	
Aggressive, fast cutting	Concrete Aerated concrete Exposed aggregate concrete Sand stone (hart/soft) Clay tile	SP-U = Universal	
Comfortable cutting with high cutting quality	Concrete Aerated concrete Exposed aggregate concrete Sand stone (hart/soft) Clay tile	SP-UT = Universal turbo	
Comfortable cutting with high cutting quality	Glazed tiles Ceramic tiles	SP-T = Tiles	

Quality class professional:

Processing task	Material	Tool	
Aggressive, fast cutting	Concrete Aerated concrete Exposed aggregate concrete Sand stone (hart/soft) Clay tile	UP = Universal professional	
Aggressive, fast cutting	Concrete (also reinforced) Kerbs sand stone (hard) Exposed aggregate concrete	CP = Concrete professional	
Comfortable cutting with high cutting quality	Granite and tarazzo	GP = Granite professional	
Comfortable cutting with high cutting quality	Glazed tiles Ceramic tiles Fine earthenware Slate Marble	TP = Tiles professional	

Diamond cutting discs

Segmented for general building materials

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "SP" / SP-U** ■ Universal diamond cutting disc with segmented edge for aggressive, fast cutting with high cutting performance and good tool life ■ Well suited for all construction/building materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles. ■ Segment height 10 mm ■ Delivery in counter display when ordering 10 pieces (except for blister packaging)						
	115 x 22,23	32,4 x 1,8 x 10	9	13.300	1	Blister	**624295000***
	125 x 22,23	31,7 x 2 x 10	10	12.200	1	Blister	**624296000***
	230 x 22,23	40,3 x 2,4 x 10	16	6.600	1	Blister	**624298000***
	115 x 22,23	32,4 x 1,8 x 10	9	13.300	1	Cardboard box	**624306000***
	125 x 22,23	31,7 x 2 x 10	10	12.200	1	Cardboard box	**624307000***
	150 x 22,23	36,4 x 2 x 10	11	10.200	1	Cardboard box	**624308000***
	180 x 22,23	35 x 2,2 x 10	14	8.500	1	Cardboard box	**624309000***
	230 x 22,23	40,3 x 2,4 x 10	16	6.600	1	Cardboard box	**624310000***
NEW	**Diamond cutting discs "professional" / UP** ■ Powerful diamond cutting disc with segmented edge for aggressive, fast cutting of hard materials with high cutting performance and very good tool life ■ Particularly suited for general construction/building materials such as concrete, exposed aggregate concrete, hard and soft sandstones, clay tiles ■ Clean cutting edges and high cutting speed thanks to special short teeth segments ■ Highest safety thanks to laser-welded diamond segments. Segment height 9.10 mm. ■ Order no. 628563000 and 628564000 with reducing bush for machines with holder 20 mm or 25.4 mm						
	115 x 22,23	20 x 2,4 x 9	13	13.300	1	Cardboard box	**628558000***
	125 x 22,23	20 x 2,4 x 9	15	12.200	1	Cardboard box	**628559000***
	150 x 22,23	20 x 2,4 x 9	18	10.200	1	Cardboard box	**628560000***
	180 x 22,23	20 x 2,6 x 9	22	8.500	1	Cardboard box	**628561000***
	230 x 22,23	20 x 2,6 x 9	30	6.600	1	Cardboard box	**628562000***
	300 x 20 / 25,4	24 x 2,8 x 10	32	6.300	1	Cardboard box	**628563000***
	350 x 20 / 25,4	24 x 2,8 x 10	37	5.400	1	Cardboard box	**628564000***

For general building materials, closed edge "Turbo"

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "SP" / SP-UT** ■ Universal diamond cutting disc with closed edge for comfortable cutting with high cutting performance and good tool life ■ Well suited for all construction/building materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles. ■ Clean cutting edges without material chipping ■ Segment height 10 mm ■ Delivery in counter display when ordering 10 pieces						
	115 x 22,23	2,2 x 10		13.300	1	Cardboard box	**628551000***
	125 x 22,23	2,2 x 10		12.200	1	Cardboard box	**628552000***
	180 x 22,23	2,2 x 10		8.500	1	Cardboard box	**628553000***
	230 x 22,23	2,6 x 10		6.600	1	Cardboard box	**628554000***

* Self-service packaging

For working on joints, closed edge "Turbo"

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond channeling disc "professional" / UP-TP** ■ Particularly suited for joints in plaster and masonry ■ Sintered cutting edge ■ Segment height: 10.0 mm; disc width: 6.0 mm; maximum working speed 80 m/s						
	125 x 22,23	10		13.200	1	Cardboard box	**624304000**

For concrete; segmented

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "professional" / CP** ■ Powerful diamond cutting disc with segmented edge for aggressive, fast cutting of hard materials with very high cutting performance and very good tool life ■ Particularly suited for all hard materials such as concrete (including reinforced), concrete pipes, kerbstones, hard sandstone, facing stones, exposed aggregate concrete thanks to special turbo segments ■ Highest safety thanks to laser-welded diamond segments. Segment height 12 mm.						
	115 x 22,23	33 x 2,4 x 12	8	13.300	1	Cardboard box	**628570000***
	125 x 22,23	33 x 2,4 x 12	9	12.200	1	Cardboard box	**628571000***
	150 x 22,23	33 x 2,4 x 12	10	10.200	1	Cardboard box	**628572000***
	180 x 22,23	42 x 2,6 x 12	11	8.500	1	Cardboard box	**628573000***
	230 x 22,23	42 x 2,6 x 12	15	6.600	1	Cardboard box	**628574000***

For granite; segmented

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "professional" / GP** ■ Powerful diamond cutting disc with segmented edge for aggressive, fast cutting of hard materials with high cutting performance and very good tool life ■ Particularly suited for all types of granite, patio slabs ■ Highest safety thanks to laser-welded diamond segments. Segment height 12 mm.						
	115 x 22,23	20 x 2,4 x 12	13	13.300	1	Cardboard box	**628575000***
	125 x 22,23	20 x 2,4 x 12	15	12.200	1	Cardboard box	**628576000***
	230 x 22,23	20 x 2,6 x 12	30	6.600	1	Cardboard box	**628577000***

For tiles; enclosed edge

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "SP" / SP-T** ■ Standard diamond cutting disc with closed edge for cutting without chipped edges on workpieces with high-quality surfaces such as tiles, natural stone slabs ■ High cutting output and good tool life ■ Segment height 7 mm ■ Delivery in counter display when ordering 10 pieces						
	115 x 22,23	1,5 x 7		13.300	1	Cardboard box	**628555000***
	125 x 22,23	1,5 x 7		12.200	1	Cardboard box	**628556000***
	230 x 22,23	1,65 x 7		6.600	1	Cardboard box	**628557000***

* Self-service packaging

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "professional" / TP** ■ Powerful diamond cutting disc with closed edge for cutting without chipped edges on workpieces with high-quality surfaces with high cutting performance and very good tool life ■ Fast and clean cutting results thanks to extra thin steel blade with steel core reinforcement and particular cutting edge geometry ■ Particularly suited for: fine earthenware, tiles, natural stone slabs ■ Segment height 10 mm						
	115 x 22,23	1,4 x 10		13.300	1	Cardboard box	**628578000***
	125 x 22,23	1,4 x 10		12.200	1	Cardboard box	**628579000***
	230 x 22,23	1,6 x 10		6.600	1	Cardboard box	**628580000***
NEW	**Diamond cutting discs "professional" 76 mm / TP** ■ Special disc to meet the highest demands for all types of tiles, glazed and unglazed, natural stone slabs, fine earthenware, ceramic ■ Optimum cutting quality and very long tool life thanks to optimised thin wall technology and adapted diamond structure ■ Sintered cutting edge, segment height: 6 mm						
	76 x 10	1 x 6		20.100	1	Blister	**626874000***

Universal, segmented

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting discs "professional" 76 mm / UP** ■ Diamond cutting disc with vacuum-soldered diamonds for universal application ■ Very good cutting properties due to a high diamond content ■ Suitable for a variety of materials, such as concrete, tiles, composite materials, gypsum plaster, PVC, sheet metal, threaded rods, thin wood						
	76 x 10	12 x 1,2 x 2,2	16	20.100	1	Blister	**626873000***

Diamond channelling discs

Quality class "professional" / UP-T

- Fast and comfortable cutting of wall slots in different materials possible
- Highly reduced workload thanks to the intelligent system of interlacing arrangement of segments, since cutting away of the centre is not required. Great time saving thanks to cutting in one step
- Reduction of dirt and dust, since the material is removed cleanly and completely from the slot
- Customised slots for individual lines, or for Ø 20 and 25 mm-empty pipes. Max. cutting width: 20 mm (2 rows 628298000) / 30 mm (3 rows 628299000)

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
	125 x 22,23	18 x 7	20	12.200	1	Cardboard box	**628298000***
	125 x 22,23	28,5 x 7	30	12.200	1	Cardboard box	**628299000***

Diamond tools

Diamond and PCD cup wheels

High-grade and robust diamond and PCD cup wheels from Metabo provide maximum grinding comfort and can be used in a particularly economical manner for different applications. They combine maximum material removal with long tool life. This results in a particularly effective processing of different materials, such as concrete, screed, lime/cement plaster, tile adhesive, protective coatings.

Diamond and PCD cup wheels are available in two quality classes:

Classic:

- **Good service life**
- **Good material removal**

Professional:

- **Longest tool life**
- **Very good material removal**

Recommended use:

- **The Metabo renovation grinders in connection with a suitable vacuum cleaner permit particularly low-dust working**
- **We recommend the use of appropriate extraction shrouds when working with angle grinders**

Diamond cup wheels

For hard materials, quality class concrete "classic"

- Powerful, double coated diamond cup wheel
- Well suited for grinding of thick concrete layers, levelling of concrete and granite and other natural stones, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Maximum speed	Sales unit	Order no.
125 x 22,23	20	12.200	1	628209000*

For hard materials, quality class concrete "professional"

- Particularly powerful diamond cup wheel
- Well suited for grinding of thick concrete layers, levelling of concrete and granite and other natural stones, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed
- Precise processing of edges without cracking
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Maximum speed	Sales unit	Order no.
125 x 22,23	16	12.200	1	628205000*

For abrasive materials, quality class abrasive "professional"

- Particularly powerful diamond cup wheel
- Excellently suited for grinding of fresh concrete coatings, chalk and cement plaster, gypsum filler, levelling of fresh screed, removal of tile adhesive and processing of marble
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Maximum speed	Sales unit	Order no.
125 x 22,23	16	12.200	1	628206000*

For protective concrete coatings, quality class "professional"

- Particularly powerful PCD special cup wheel
- Excellently suited for spot grinding and removal of elastic protective coatings, adhesives, sealants, removal of latex and oil paints, bitumen, PU/polyurethane, epoxy, elastic adhesive, for removal of lime plaster and gypsum plaster, sanding of resin plaster and hard cement plaster.
- Fast and effective removal without sticking due to PCD (poly-crystalline diamonds) segments
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Maximum speed	Sales unit		Order no.
125 x 22,23	12	12.200	1		628208000*
150 x 22,23	15	10.200	1	NEW	628097000*

* Self-service packaging

Diamond core bits for tiles "Dry"

These high-grade diamond core bits (M14) for dry use with angle grinders are characterised by a long service life and fast drilling progress thanks to vacuum hard-soldered diamonds. In connection with an adapter from M14 to hexagon (order no. 630859000), the diamond core bits can also be used with drills and impact drills. They permit efficient processing of different materials, such as fine earthenware, tiles and granite.

Benefits:

- **Long service life and fast drilling progress**
- **Easy removal of the drill core thanks to lateral recesses**
- **No extra cooling required. . For Ø 6-14 mm an additional paraffin emulsion is integrated for improved cooling.**
- **The diamond core bits "Dry" are available individually and in practical sets**

Recommended use:

- **Recommended useful length = material thickness of the tile, fine earthenware etc. in general max. 2 cm**
- **Recommended useful length for granite and worktops up to 5 cm**
- **Repeated pulling out of the core bit from the bore for cooling**
- **Maximum working speed 80 m/s**

Diamond tools "Dry"

Diamond drill bits for tiles "Dry", M14

- M14 Thread for use on angle grinders
- Long service life and fast drilling progress thanks to vacuum hard soldered diamonds
- Easy removal of the drill core thanks to lateral recesses
- No extra cooling required. For Ø 6-14 mm an additional paraffin emulsion is integrated for improved cooling. We recommend to briefly cool the tip with water in case of drilling in quick succession!
- We recommend using the thickness of the tile / fine earthenware / granite board as useful length. As a rule, max. 2 cm granite boards / work boards up to 5 cm can be drilled. Retract the drill bit often from the drilled hole so that it can cool down!
- Important: Do not drill into the subsurface in case of laid material!
- Maximum working speed: 80 m/s

Diameter mm	Overall length mm	Sales unit	Order no.
6	64	1	628300000*
8	64	1	628301000*
10	64	1	628302000*
12	64	1	628303000*
14	64	1	628304000*
18	91	1	628305000*
20	91	1	628306000*
25	91	1	628307000*
32	91	1	628308000*
35	91	1	628309000*
40	91	1	628310000*
45	91	1	628318000*
50	91	1	628311000*
55	91	1	628312000*
60	91	1	628313000*
68	91	1	628314000*
75	91	1	628315000*
82	91	1	628316000*

Diamond drill bit set for tiles "Dry", M14

- M14 Thread for use on angle grinders
- Long service life and fast drilling progress thanks to vacuum hard soldered diamonds
- Easy removal of the drill core thanks to lateral recesses
- No extra cooling required. For Ø 6-14 mm an additional paraffin emulsion is integrated for improved cooling. We recommend to briefly cool the tip with water in case of drilling in quick succession!
- We recommend using the thickness of the tile / fine earthenware / granite board as useful length. As a rule, max. 2 cm granite boards / work boards up to 5 cm can be drilled. Retract the drill bit often from the drilled hole so that it can cool down!
- Important: Do not drill into the subsurface in case of laid material!
- Maximum working speed: 80 m/s

		Order no.
NEW	**Diamond drill bit set for tiles "Dry" 7 pieces** Set consisting of: 2 each Ø 6 mm, 2 x 8 mm, 1 each 10 mm, 12 mm, 14 mm	628321000
	Diamond drill bit set for tiles "Dry" , 3 pieces Set consisting of: 1 each Ø 35 mm, 50 mm, 68 mm;	628322000
NEW	**Diamond drill bit set for tiles "Dry" 4 pieces** Set consisting of: 1 each Ø 35 mm, 40 mm, 50 mm, 68 mm	628319000
	Diamond drill bit set for tiles "Dry" 7 pieces Set consisting of: each 1 x Ø 6 mm, 8 mm, 14 mm, 35 mm, 40 mm, 50 mm, 68 mm;	628317000
NEW	**Diamond drill bit set for tiles "Dry" 6 pieces** Set consists of: 1 each Ø 35 mm, 40 mm, 50 mm, 68 mm + diamond core bit 20 mm + diamond cup wheel 50 mm	628320000

Adapter for diamond core bits "Dry"

		Order no.
	Adapter hexagon 10 mm / M 14 ■ For the use of diamond core bits "Dry" for drills and impact drills Receptacle: hexagonal 10mm, M 14 male thread	630859000*

Diamond core bit "Dry", M14

		Order no.
NEW	**Diamond milling cutter 20 mm "Dry"** ■ Diamond milling cutter Ø 20 mm for routing, chamfering, drilling and widening ■ Useable length: 40 mm; overall length: 75 mm ■ Connection M14 for use with angle grinder Ø 115 + 125 mm ■ Maximum working speed: 80 m/s	628327000*

Diamond cup wheel "Dry", M14

		Order no.
NEW	**Diamond cup wheel 50mm "Dry"** ■ Powerful diamond cup wheel with turbo segments Ø 50 mm/ M14 female thread ■ Ideally suited for repair works and clean processing of edges without chipping ■ Extremely powerful also for smaller modelling work ■ Connection M14 for use with angle grinder Ø 115 + 125 mm ■ Maximum working speed: 80 m/s	628328000*

* Self-service packaging

Grinding wheels

	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
NEW	**Quality class A 46-U "Flexiarapid Super" Inox** ■ The super-thin high-output disc especially for processing stainless steel ■ Super quick with very long service life thanks to the use of special corundums ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ For all rust and acid resistant steels (V2A, Nirosta, INOX), spring steels, tool steels ■ For use in the manufacture of vehicles, containers, car bodies, consumer units etc. ■ Cutting discs for quiet, precise cutting, cuts without burrs ■ Hardness: hard ■ Maximum working speed 80 m/s					
	A 46-U	76 x 1 x 10	—	20.100	5/1	**626870000***
NEW	**Quality class A 46-U "Combinator" Inox HydroResist** ■ One grinding wheel for two applications: quick cutting, and easy deburring and sanding ■ All-purpose use for processing stainless steel and for general metal processing ■ Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %) ■ Hardness: hard ■ Reduces labour costs by saving on set-up time ■ Eliminates time-consuming disc change during mobile use. ■ Highest standards in quality and safety thanks to the dimensional and lateral stability of the disc design (proven safety with 3 full-surface layers of material) ■ Maximum working speed: 80 m/s					
	A 46-U	76 x 2 x 10	⌒	20.100	3/1	**626872000***
NEW	**Quality class C 30-S "Flexiarapid Super" Universal** ■ Super thin special disc for processing tiles, ceramic, clinker etc. ■ Universal use ■ Very high cutting output with above average tool life ■ Quick cutting time, less cutting wastage, cleaner cutting edges ■ Maximum working speed 80 m/s					
	C 30-S	76 x 1 x 10	—	20.100	5/1	**626871000***

Diamond cutting discs

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
NEW	**Diamond cutting disc for tiles "professional" 76 mm / TP** ■ Special disc to meet the highest demands for all types of tiles, glazed and unglazed, natural stone slabs, fine earthenware, ceramic ■ Optimum cutting quality and very long tool life thanks to optimised thin wall technology and adapted diamond structure ■ Sintered cutting edge, segment height: 6 mm						
	76 x 10	1 x 6		20.100	1	Blister	**626874000***
NEW	**Diamond cutting disc Universal "professional" 76 mm / UP** ■ Diamond cutting disc with vacuum-soldered diamonds for universal application ■ Very good cutting properties due to a high diamond content ■ Suitable for a variety of materials, such as concrete, tiles, composite materials, gypsum plaster, PVC, sheet metal, threaded rods, thin wood						
	76 x 10	12 x 1,2 x 2,2	16	20.100	1	Blister	**626873000***

* Self-service packaging

Set

		Order no.
NEW	**Starter set Ø 76 mm** ■ Three-part accessory set for numerous applications with the PowerMaxx CC 12 BL and CC 18 LTX BL cordless angle grinders with a 76 mm disc diameter Starter set consisting of: Cutting disc Flexiarapid Super Inox Ø 76x1.0x10 mm, cutting/grinding disc Combinator Ø 76x2.5x10 mm, diamond cutting disc Universal professional Ø 76x10 mm Diameter: 76 mm	**626879000***

Flap disc

	Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
NEW	**Quality class zirconia alumina "Flexiamant"** ■ Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel ■ High lamellar lining on fibreglass plate ■ Uniform grinding capacity ■ Cool grinding ■ Low noise level ■ Uniform grinding result, comfortable grinding with only low vibration ■ Most suitable for processing stainless steels ■ Maximum working speed 80 m/s; tilted version: angle of attack 7-9°					
	76 x 10	P 60	⌒	20.100	1/1	**626875000***
	76 x 10	P 80	⌒	20.100	1/1	**626876000***

Further accessories for angle grinders

Which system accessories are suitable for which angle grinder?

Model	Order no.	Cut-off clip guard	Extraction shroud clip CED 125 Order no. 630401000	Cutting dust extraction shroud CED 125 Order no. 626730000	Cutting dust extraction shroud CED 125 Plus, Order no. 626731000	Grinding dust extraction shroud GED 125 Order no. 626732000	Guard for cup wheel Ø 80 mm Order no. 623276000	Metabo VibraTech (MVT) side handle	Bow-type handle # Order no. 623262000	Multi-position handle for side handle Order no. 627362000	Dust protection filter (example illustration)	Metabo "Quick" flange nut M 14 Order no. 630802000	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
W 750-100	603603	630346000						627361000					■	■
W 850-100	603606	630346000						627361000					■	■
W 9-100	600350	630346000					■	627361000	■	■	630835000		■	■
W 750-115	603604	630351000						627361000					■	■
W 850-115	603607	630351000						627361000					■	■
W 9-115	600354	630351000					■	627361000	■	■	630835000		■	■
W 9-115 Quick	600371	630351000					■	627361000	■	■	630835000	■		■
WP 9-115 Quick	600380	630351000					■	627361000	■	■		■		■
W 1100-115	603613	630351000					■	627361000		■			■	■
WP 1100-115	603612	630351000					■	627361000		■			■	■
WP 11-115 Quick	603621	630351000					■	627361000	■	■		■		■
W 750-125	603605	630352000	■					627361000					■	■
W 850-125	603608	630352000	■					627361000					■	■
WP 850-125	603610	630352000	■					627361000					■	■
WEV 850-125	603611	630352000	■					627361000					■	■
W 9-125	600376	630352000	■	■	■	■	■	627361000	■	■	630835000		■	■
W 9-125 Quick	600374	630352000	■	■	■	■	■	627361000	■	■	630835000	■		■
WP 9-125 Quick	600384	630352000	■	■	■	■	■	627361000	■	■		■		■
WQ 1100-125	610035	630352000	■	■	■	■	■	627361000		■		■	■	■
W 1100-125	603614	630352000	■			■	■	627361000		■			■	■
W 11-125	603622	630352000	■	■	■	■	■	627361000	■	■	630835000	■	■	■
W 11-125 Quick	603623	630352000	■	■	■	■	■	627361000	■	■	630835000	■		■
WP 11-125 Quick	603624	630352000	■	■	■	■	■	627361000	■	■		■		■
WEV 11-125 Quick	603625	630352000	■	■	■	■	■	627361000	■	■	630835000	■		■
WEA 11-125 Quick	603626	630352000	■	■	■	■	■	627361000	■	■	630835000	■		■
W 13-125 Quick	603627	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WP 13-125 Quick	603629	630352000	■	■	■	■	■	627361000	■	■	630792000	■		■
WA 13-125 Quick	603630	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WPB 13-125 Quick	603631	630352000	■	■	■	■	■	627361000	■	■	630792000	■		■
WPB 13-125 Quick DS	600437	630352000	■	■	■	■	■	627361000	■	■	630792000	■		■
WE 15-125 Quick	600448	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEP 15-125 Quick	600476	630352000	■	■	■	■	■	627361000	■	■	630792000	■		■
WEA 15-125 Quick	600492	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEV 15-125 Quick	600468	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEVA 15-125 Quick	600496	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEV 15-125 Quick HT	600562	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WE 17-125 Quick	600515	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEP 17-125 Quick	600547	630352000	■	■	■	■	■	627361000	■	■	630792000	■		
WEV 17-125 Quick	600516	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEV 17-125 Quick Inox	600517	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■
WEA 17-125 Quick	600534	630352000	■	■	■	■	■	627361000	■	■	630709000	■		■

Model	Order no.	Cut-off clip guard (for Ø 180 mm: cutting blade guard, semi-enclosed)	Extraction shroud clip CED 125 Order no. 630401000	Cutting dust extraction shroud CED 125 Order no. 626730000	Cutting dust extraction shroud CED 125 Plus Order no. 626731000	Grinding dust extraction shroud GED 125 Order no. 626732000	Guard for cup wheel Ø 80 mm Order no. 623276000	Metabo VibraTech (MVT) side handle	Bow-type handle Order no. 623262000	Multi-position handle for side handle Order no. 627362000	Dust protection filter (example illustration)	Metabo "Quick" flange nut M 14 Order no. 630802000	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
WEBA 17-125 Quick	600514	630352000	■	■	■	■	■	627361000	■	■	630709000	■		
WEPBA 17-125 Quick	600548	630352000	■	■	■	■	■	627361000	■	■	630792000	■		
WEPBA 17-125 Quick DS	600549	630352000	■	■	■	■	■	627361000	■	■	630792000	■		
WEQ 1400-125	600347	630352000		■	■	■	■	627361000		■	-	■	■	
W 13-150 Quick	603632	630353000					■	627361000	■	■	630709000	■		■
WP 13-150 Quick	603633	630353000					■	627361000	■	■	630792000	■		■
WPB 13-150 Quick DS	603645	630353000					■	627361000	■	■	630792000	■		■
WE 15-150 Quick	600464	630353000					■	627361000	■	■	630709000	■		■
WEP 15-150 Quick	600488	630353000					■	627361000	■	■	630792000	■		■
WEV 15-150 Quick HT	600563	630353000					■	627361000	■	■	630709000	■		■
WE 17-150 Quick	601074	630353000					■	627361000	■	■	630709000	■		■
WEP 17-150 Quick	600507	630353000					■	627361000	■	■	630792000	■		■
WEV 17-150 Quick	600473	630353000					■	627361000	■	■	630709000	■		■
WEA 17-150 Quick	600535	630353000					■	627361000	■	■	630709000	■		■
WEPBA 17-150 Quick	600552	630353000					■	627361000	■	■	630792000	■		
WEPBA 17-150 Quick DS	600553	630353000					■	627361000	■	■	630792000	■		

WP 1200-125 RT	601240	630352000	■					627361000					■	■
WEV 1500-125 RT	601243	630352000	■					627361000					■	■
WE 1500-125 RT	601241	630352000	■					627361000					■	■
WEPBA 17-125 Quick RT DS	600605	630352000	■	■	■	■	■	627361000	■	■	630719000	■		
WEPBA 17-125 Quick RT	601097	630352000	■	■	■	■	■	627361000	■	■	630719000	■		
WEV 17-125 Quick Inox RT	601092	630352000	■	■	■	■	■	627361000	■	■	630719000	■		■
WEV 17-125 Quick RT	601089	630352000	■	■	■	■	■	627361000	■	■	630719000	■		■
WE 17-125 Quick RT	601086	630352000	■	■	■	■	■	627361000	■	■	630719000	■		■
WE 1500-150 RT	601242	630353000						627361000					■	■
WEP 1500-150 RT	601244	630353000						627361000					■	■
WEPBA 17-150 Quick RT DS	600606	630353000					■	627361000	■	■	630719000	■		
WEPBA 17-150 Quick RT	601098	630353000					■	627361000	■	■	630719000	■		
WEP 17-150 Quick RT	601078	630353000					■	627361000	■	■	630719000	■		■
WE 17-150 Quick RT	601087	630353000					■	627361000	■	■	630719000	■		■
WEPB 19-180 RT DS	601096	630383000					■	627361000	■	■	630719000			
WEPBA 19-180 Quick RT	601099	630383000					■	627361000	■	■	630719000	■		
WEA 19-180 Quick RT	601095	630383000					■	627361000	■	■	630719000	■		■
WE 19-180 Quick RT	601088	630383000					■	627361000	■	■	630719000	■		■

Further accessories for angle grinders

Which system accessories are suitable for which angle grinder?

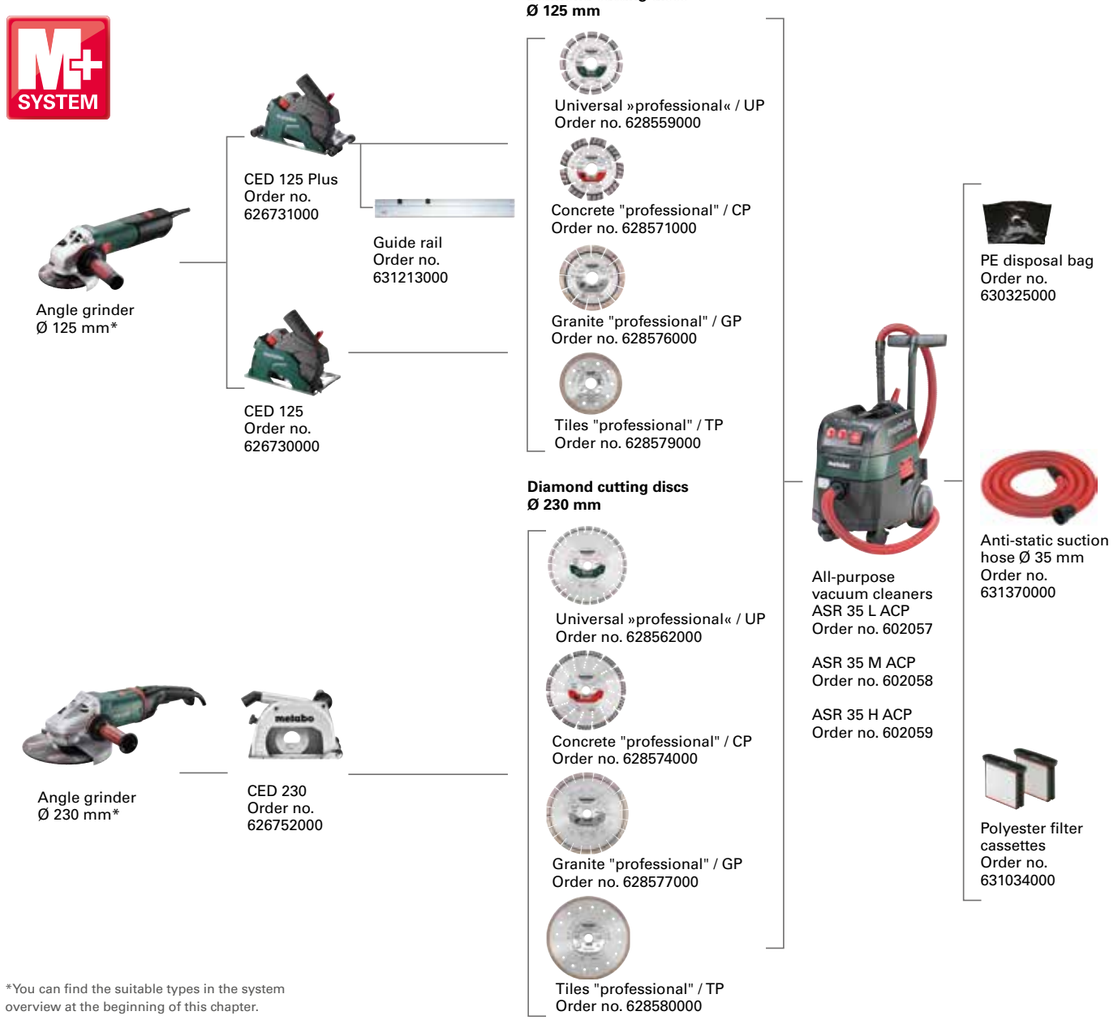
Model	Order no.	Bench cut-off stand Order no. 635000000	Cutting blade guard, semi-enclosed	Cutting dust extraction shroud CED 230 Order no. 626752000	Guard for cup wheel Ø 110 mm Order no. 623140000	Metabo VibraTech (MVT) side handle Order no. 627360000	"Quick" flange nut M 14 Order no. 630800000	Flange nut M 14 Order no. 630706000
W 2000-180	606429		630356000		■	■	■	■
W 22-180 MVT	606461		630356000		■	■	■	■
W 2200-180	606434		630356000		■	■	■	■
WP 2200-180	606438		630356000		■	■	■	■
WE 22-180 MVT	606463		630356000		■	■	■	■
W 24-180 MVT	606466		630356000		■	■	■	■
WE 24-180 MVT	606468		630356000		■	■	■	■
WEA 24-180 MVT Quick	606471		630356000		■	■	■	■
W 26-180 MVT	606473		630356000		■	■	■	■
WEPB 24-180 MVT	606478		630356000		■	■		
WEPBA 24-180 MVT Quick	606480		630356000		■	■	■	■
W 2000-230	606430	■	630357000	■	■	■	■	■
WP 2000-230	606431	■	630357000	■	■	■	■	■
WE 2000-230	606432	■	630357000	■	■	■	■	■
W 2200-230	606435	■	630357000	■	■	■	■	■
WP 2200-230	606436	■	630357000	■	■	■	■	■
WE 2200-230	606437	■	630357000	■	■	■	■	■
WEP 2200-230	606428	■	630357000	■	■	■	■	■
WE 2400-230	606484	■	630357000	■	■	■	■	■
WEP 2400-230	606439	■	630357000	■	■	■	■	■
W 22-230 MVT	606462	■	630357000	■	■	■	■	■
WE 22-230 MVT	606464	■	630357000	■	■	■	■	■
WE 22-230 MVT Quick	606465	■	630357000	■	■	■	■	■
W 24-230 MVT	606467	■	630357000	■	■	■	■	■
WE 24-230 MVT	606469	■	630357000	■	■	■	■	■
WE 24-230 MVT Quick	606470	■	630357000	■	■	■	■	■
WEA 24-230 MVT Quick	606472	■	630357000	■	■	■	■	■
W 26-230 MVT	606474	■	630357000	■	■	■	■	■
WE 26-230 MVT Quick	606475	■	630357000	■	■	■	■	■
WEA 26-230 MVT Quick	606476	■	630357000	■	■	■	■	■
WEPB 24-230 MVT	606479	■	630357000	■	■	■		
WEPBA 24-230 MVT Quick	606481	■	630357000	■	■	■	■	■
WEPBA 26-230 MVT Quick	606482	■	630357000	■	■	■	■	■

Model	Order no.	Cut-off clip guard	Cutting blade guard, semi-enclosed	Dust extraction shroud clip CED 125 Order no. 630401000	Metabo VibraTech (MVT) side handle	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
W 18 LTX 115	602170	630351000			627361000	■	■
WPB 18 LTX BL 115	613074	630351000			627361000	■	■
W 18 LTX 125	600165	630352000		■	627361000	■	■
W 18 LTX 125 Quick	602174	630352000		■	627361000	■	■
WP 18 LTX 125 Quick	613072	630352000		■	627361000	■	■
WB 18 LTX BL 125 Quick	613077	630352000		■	627361000	■	■
WB 18 LTX BL 125 Q SE	613090	630352000		■	627361000	■	■
WPB 18 LTX BL 125 Quick	613075	630352000		■	627361000	■	■
W 18 LTX 125 Quick Inox	600174	630352000		■	627361000	■	■
W 18 LTX 150	600404	630353000			627361000	■	■
WB 18 LTX BL 150 Quick	613078	630353000			627361000	■	■
WPB 18 LTX BL 150	613076	630353000			627361000		■
WB 18 LTX BL 180	613087		630390000		627361000		■
WPB 36 LTX BL 230	613101		630363000		627360000		■
WPB 36-18 LTX BL 230	613102		630363000		627360000		■

Model	Order no.	Cut-off clip guard	Metabo VibraTech (MVT) side handle Order no. 627361000	Bow-type handle Order no. 623262000	Multi-position handle for side handle Order no. 627362000	Dust protection filter (example illustration)	Quick-locking nut M 14 Order no. 630832000	Flange nut M 14 Order no. 630706000
WEF 9-125 Quick	613060	630355000	■				■	■
WEPF 9-125 Quick	613069	630355000	■				■	■
WEVF 10-125 Quick Inox	613080	630372000	■	■	■		■	
WEF 15-125 Quick	613082	630372000	■	■	■	630709000	■	
WEF 15-150 Quick	613083	630378000	■	■	■	630709000	■	
WEPBF 15-150 Quick	613084	630378000	■	■	■	630792000	■	
WEPF 15-150 Quick	613085	630378000	■	■	■	630792000	■	
WF 18 LTX 125	601306	630355000	■				■	■
WPF 18 LTX 125	613070	630355000	■				■	■

Cutting systems: For low-dust working.

The cutting systems using angle grinders bring high performance with low-dust processing of concrete, screed or tiles. With optimally harmonised systems of machines, extraction shrouds, special discs and matching vacuum cleaner you can work with high productivity, whilst your working environment remains almost free of dust and your health is protected.



*You can find the suitable types in the system overview at the beginning of this chapter.

Almost dust-free working
from mineral dust
- CED 230 for low-dust dry cuts up to 60 mm
- CED 125 / CED 125 Plus: For low-dust dry cuts up to 25 mm, freehand cuts up to 27 mm

Precise longitudinal cuts with the CED 125 Plus
- Guide rollers for precise directional stability
- Adjustable cutting depth
- Optional use of a guide rail for precise cut

CED 125 / CED 125 Plus:
Ideal for free-hand cuts
- Tool-free, quick removal of the base plate
- Perfect for the renovation of cracks

Bench cut-off stand

		Order no.
	Bench cut-off stand ■ Suitable for all Metabo angle grinders with cutting disc-Ø 230 mm, except for cordless angle grinder ■ For secure fixed use of the angle grinder as a cutting machine: mitre setting 0-45° ■ Largest cutting depth when using an angle grinder with 230mm cutting wheel = 50 mm; maximum span width = 100 mm ■ Dimensions of table top: 244 x 321 mm; table height: 34.5 mm ■ Scope of delivery: length guide, 6mm Allen key Weight: 9.7 kg	635000000

Guards

		Order no.
NEW	**Cutting blade guard** ■ For working with fibre-reinforced, resin-bonded cutting discs ■ EN/EC 60745 For working with hubbed wheels, diameter: 6"/ 150 mm	630412000

Cutting guard clip

	■ For working with fibre-reinforced, resin-bonded cutting discs ■ The cut-off clip guard is simply attached to the existing guard of the angle grinder ■ EN/EC 60745 ■ Material: plastic ■ Suitable for Metabo angle grinders: W..8-..; W..9-..; W..10-..; W..11-..; W..12-..; W..13-..; W..14-..; W..15-..; W..17-..; W 18 LTX; made in 2008 onwards	

Grinding wheel Ø mm	Order no.
115	630351000
125	630352000
150	630353000

Extraction guard clip for cutting

		Order no.
NEW	**Extraction shroud clip** ■ Extraction guard clip for angle grinders with Ø 125 mm for low-dust dry cuts up to 30 mm in mineral materials ■ Efficient dust extraction for health protection and clean construction sites. Antistatic material prevents electric charge and dust accumulation ■ Best view on the cutting position thanks to the open design of the dust extraction shroud ■ Fast, tool-free fitting on the guard of the angle grinder ■ Connection for dust extraction Ø 35/ 41 mm ■ Suitable for Metabo W...750-125; W...850-125; W...8-125; W...9-125; W...10-125; W...11..-125; W...12-125; W...13-125; W...14..-125; W...15-125; W...17-125; W 18 LTX 125; WB 18 LTX BL 125; WP 18 LTX 125; WPB 18 LTX BL 125 (made in 2008 onwards)	630401000*

* Self-service packaging

Abrasive cutting blade guards, semi-enclosed, with quick adjustment

- For working with fibre-reinforced, resin-bonded cutting discs
- EN/EC 60745

Grinding wheel Ø mm	Suitable for	Order no.
180	Metabo angle grinder Ø 180 mm (with clamping lever at the flange)	630370000
230	Metabo angle grinder Ø 230 mm (with clamping lever at the flange)	630371000
180	Metabo angle grinder Ø 180 mm (with clamping lever at the guard)	630356000
230	Metabo angle grinder Ø 230 mm (with clamping lever at the guard)	630357000
125	WEF 9-125 / WF 18 LTX 125, WEPF 9-125 Quick / WPF 18 LTX 125	630355000
125	WEF 15-125 Quick, WEVF 10-125 Quick Inox	630372000
150	WEF 15-150 Quick, WEPF 15-150 Quick, WEPBF 15-150 Quick	630378000
180	Metabo angle grinder WE...180...RT	630383000
180	W 17-180 / WX 17-180	630388000
180	WB 18 LTX 180 Quick	630390000
230	Metabo cordless angle grinder Ø 230 mm	630363000

Cutting blade guard, semi enclosed, with clamping screw

- For working with fibre-reinforced, resin-bonded cutting discs
- EN/EC 60745

Grinding wheel Ø mm	Suitable for	Order no.
115	W 6-115	630814000
125	W 1080-125	630364000
150	WE 1450-150 RT	630362000
180	W 2000 / WX 2000	630386000
230	W 2000 / WX 2000	630387000

Cutting blade guards with cutting guides

Dust extraction shroud CED 125 — Order no. 626730000

- Dust extraction shroud with plunge function and optimised flow channel for particularly low-dust cutting both indoors and outdoors
- Compact design and tool-free removable table for more flexibility when working close to the wall, as well as improved visibility for freehand cuts
- Tool-free adjustable cutting depth
- Robust sheet metal table for tilt-proof operation
- Anti-static plastic prevents electric charging and dust accumulations for a constantly high suction power
- Large, coloured operating elements for simple, tool-free adjustment, even when wearing gloves
- Connection for dust extraction Ø 35/41 mm
- Max. cutting depth for freehand cuts is 27 mm, with table 25 mm
- Suitable for: W..9-125; WEV 10-125 Quick; W..12-1..; W..13-1..; WE..115-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400 (only 600346000); WE 14-1..(from year of manufacture 2009); WQ 1100 und WEQ 1400; Not suitable for angle grinder with Auto-balancer; scope of delivery incl. nut with two holes 5/8" and M14.

Cutting disc-Ø: 115/125 mm
Maximum cutting depth: 27 mm

Cutting dust extraction shroud CED 125 Plus — Order no. 626731000

- Dust extraction shroud with plunge function and optimised flow channel for particularly low-dust cutting both indoors and outdoors
- Compact design and tool-free removable table for more flexibility when working close to the wall, as well as improved visibility for freehand cuts
- Cutting depth can be adjusted without tools. Max. cutting depth for freehand cuts is 27 mm, with table 25 mm, with precision guide rail 20 mm
- Robust sheet metal table for tilt-proof operation. Connection for dust extraction Ø 35/41 mm
- Anti-static plastic prevents electric charging and dust accumulations for a constantly high suction power
- Large, coloured operating elements for simple, tool-free adjustment, even when wearing gloves
- Sheet metal table with guide rollers for easy, precise feed. Protect delicate surfaces from scratches.
- Enables the use of a Metabo precision guide rail for cuts with great precision
- Suitable for: W..9-125; WEV 10-125 Quick; W..12-1..; W..13-1..; WE..115-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400 (only 600346000); WE 14-1..(from year of manufacture 2009); WQ 1100 und WEQ 1400; Not suitable for angle grinder with Auto-balancer; scope of delivery incl. nut with two holes 5/8" and M14.

Cutting disc-Ø: 115/125 mm
Maximum cutting depth: 27 mm

NEW

Cutting dust extraction shroud CED 230 — Order no. 626752000

- Cutting dust extraction shroud for angle grinders with Ø 230 mm for low-dust dry cuts up to 60 mm in mineral materials
- Best view on the cutting line thanks to the open design of the dust extraction shroud
- Efficient dust extraction for health protection and clean construction sites
- Precise cuts on even surfaces thanks to metal base plate with rollers
- Robust die-cast aluminium dust extraction shroud with tool-free setting of the cutting depth
- Connection for dust extraction Ø 35/41 mm
- Compatible with W...-230 MVT; T...-230 MVT

Cutting disc-Ø: 230 mm
Maximum cutting depth: 60 mm

Guard tuckpointing

NEW

Guard "Tuckpointing" 125 mm — Order no. 628216000

- Robust dust extraction guard for quick removal of mortar joints. Optimal view of the working area for precise working. Cleaning flap for quick, tool-free access for disc change. Extraction tube as additional handle for comfortable handling. Connection for the dust extraction Ø 2 1/4" (58 mm)

Suitable for W..12-1..; WE..15-1..; WE..17-1..

Cup wheel guards with accessories

Grinding dust extraction shroud GED 125 — Order no. 626732000

- Quick, tool-free installation of the extraction shroud on a compatible angle grinder
- Integrated sliding segment for quick, tool-free access even when wearing gloves, for working close to walls.
- Extraction shroud with flexible brush rim and optimised extraction channel for particularly low-dust grinding indoors and outdoors
- Anti-static plastic prevents electric charges and dust accumulations ensuring constantly high suction power. Connection for dust extraction Ø 35/41 mm
- Suitable for angle grinder with disc-Ø 125 mm: W..9-1..; WEV 10-125 Quick; W..12-1..; W..13-1..; WE..15-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400 (only 600346); WE 14-1..; not suitable for WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT

Replacement brush rim GED 125 — Order no. 626733000

- Replacement brush rim for replacement on the dust extraction shroud GED 125

		Order no.
	Cup wheel guard Ø 80 mm ■ For angle grinder with collar diameter 50 mm and grinding wheel-Ø 115 mm, 125 mm and 150 mm for the use of ceramic cup wheels Ø 80 mm ■ For angle grinders with tool-free guard adjustment the clamping lever must be removed. Please pay attention to operating instructions! ■ Adjustable	623276000
	Cup wheel guard Ø 110 mm ■ For angle grinders with grinding wheel Ø of 180 and 230 mm for use of ceramic cup wheels Ø 110 mm ■ Adjustable	623140000

Support handles for angle grinders

		Order no.
	Metabo VibraTech (MVT) side handle, M 14 ■ Suitable for all angle grinders with M 14 thread	627360000*
	Metabo VibraTech (MVT) side handle, M 8 ■ Suitable for Metabo angle grinders with M 8 thread	627361000*
	Front handle WS ■ Front handle with ideal ergonomics, e.g. for surface grinding with fibre discs, light polishing work with diamond cup wheels etc. ■ Suitable for Metabo angle grinders W..9..; W..11..; WE 10..; W..12..; W..13..; WE 15..; WE 17.. ■ Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT	623262000
	Multi-positioning for side handle ■ The 180° handle permits variable individual adjustment of the side handle position for ergonomic, low-fatigue working e.g. for cutting jobs or for left-handed users ■ The side handle can be adjusted without tools for changing working positions ■ The robust hexagon shape permits folding the side handle to the rear for safe, two-handed operation in confined spaces ■ Suitable for W..9-1..; W..11-1..; W..12-1..; W..13-1..; WE15-1..; WE..17-1..; W..8-1..; WE9-125; W..11-1..; WEQ 1400-125; WE14-1..; WEVF 10-1..; WE..F 15-1..; WE..19-180.. ■ Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT	627362000

Hand guard

		Order no.
	Hand guard ■ For fitting under the angle grinder's side support handle when working with the backing pads ■ For all angle grinders	630327000

* Self-service packaging

Flange nuts and inner support flanges

		Order no.
	Flange nut ■ For all angle grinders with M 14-spindle thread	630706000
	"Quick" flange nut M 14 ■ For all angle grinders, suitable also for other brands (required free spindle length min. 8 mm); required thread connection M 14; tool-free disc change	630800000*
	10 "Quick" flange nuts M 14 ■ For all angle grinders, suitable also for other brands (required free spindle length min. 8 mm); required thread connection M 14; tool-free disc change ■ 10 pieces in attractive counter display (sales unit: 10)	626411000
	Metabo "Quick" flange nut M 14 ■ Especially for Metabo Quick system for tool-less disc change at the touch of a button. Suitable for all small Metabo angle grinders with M-Quick spindle button, except W 6-115, W 6-125, WB 11-125 required thread connection M 14	630802000*
	Quick-locking nut M 14 ■ Especially for angle grinders up to Ø 150 mm, for tool-free disc change. Required thread connection M 14. ■ Delivery in counter display when ordering 10 pieces (sales unit: 1)	630832000*
	Inner support flange ■ For all angle grinders with M14 spindle thread	630705000

Dust protection filter

- Filter against coarse particles or chips for longer service life of the machine when working e.g. with ceramic fibre, grinding or cutting discs or polishing with lambswool
- Easy and fast cleaning thanks to exterior metal grid without disturbing connecting ribs
- Tool-free assembly and disassembly

		Order no.
	Dust protection filter For all angle grinders W...12..., W...13..., WE...15..., WE...17... Standard; not suitable for angle grinder with paddle switch and rat tail angle grinder	630709000*
	Dust protection filter For all angle grinders WE...17...RT, WE...19...RT; not suitable for WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT	630719000*
	Dust protection filter For all angle grinders WP...12..., WP...13..., WEP...15..., WEP...17... with paddle switch	630792000*
	Dust protection filter For all angle grinders W...9-..., WE...10-..., W...11-...; not suitable for angle grinder with paddle switch and rat tail angle grinder	630835000*

NEW

Flat-pin spanners

		Order no.
	Flat-pin spanners For angle grinders with disc diameter 100 mm - 150 mm Version: straight Grinding wheel-Ø: 100/150 mm	623934000*
	Flat-pin spanners For angle grinders with disc diameter 180 mm - 230 mm Version: straight Grinding wheel-Ø: 180/230 mm	623935000*
	Flat-pin spanners For angle grinders with disc Ø 115-230 mm Version: offset Grinding wheel-Ø: 115/230 mm	623910000*

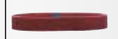
* Self-service packaging

Inox

Who wants perfect surfaces, needs perfect machines and accessories.

Mitred welded pipes

1. SATIN-FINISH

WEV 17-125 Quick Inox	WEV 17-125 Quick Inox	KNSE 9-150	RBE 15-180
 Order no. 600517	 Order no. 600517 **Accessories** Combination flap disc medium 626370000	 Order no. 602265 **Accessories** Unitized fleece compact disc medium 626402000	 Order no. 602243 **Accessories** Fleece band medium 626320000 

2. POLISHING

RBE 15-180	RBE 15-180	RBE 15-180	RBE 15-180	KNSE 9-150	RBE 15-180
 Order no. 602243 **Accessories** Metabo Pyramid P 400 (A 45) 626313000 	 Order no. 602243 **Accessories** Metabo Pyramid P 600 (A 30) 626314000 	 Order no. 602243 **Accessories** Metabo Pyramid P 1200 (A 16) 626315000 	 Order no. 602243 **Accessories** Metabo Pyramid P 2000 (A 6) 626316000 	 Order no. 602265 **Accessories** Unitized compact disc 626401000	 Order no. 602243 **Accessories** Felt band soft 626323000 Polishing paste, blue 623524000

Welded seams on surfaces

1. SATIN-FINISH

SE 17-200 RT	SE 17-200 RT	SE 17-200 RT	SE 17-200 RT
 Order no. 602259	 Order no. 602259 **Accessories** Expansion roller Order no. 623470000 Sanding belts 90 x 100/P 80 Order no. 623474000	 Order no. 602259 **Accessories** Rubber grinding wheel P 180 Order no. 623499000	 Order no. 602259 **Accessories** Fleece grinding wheel P 180 Order no. 623488000

2. POLISHING

SE 17-200 RT	SE 17-200 RT	SE 17-200 RT	SE 17-200 RT
 Order no. 602259 **Accessories** Expansion roller 623470000 Metabo Pyramid P 400 (A 45) Order no. 626407000	 Order no. 602259 **Accessories** Expansion roller 623470000 Metabo Pyramid P 600 (A 30) Order no. 626408000	 Order no. 602259 **Accessories** Expansion roller 623470000 Metabo Pyramid P 1200 (A 16) Order no. 626409000	 Order no. 602259 **Accessories** Expansion roller 623470000 Metabo Pyramid P 2000 (A 6) Order no. 626410000

Stainless steel surface processing

Accessories for Inox angle grinders

Fleece compact polishing discs »Unitized« - VKS

- Made of compacted fleece material on a fibreglass plate-
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Max. torque: 8,000 /min; 52 m/s, recommended speed: 3,000 min

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22,23	Very fine	1/1	626368000*
125 x 22,23	Very fine	5/1	626417000

Fleece compact grinding discs »Unitized« - VKS-ZK

- Several layers of pressed fleece material, soaked with resin-bonded abrasive grain (zirconia alumina)
- The addition of abrasive grain covers a range of applications from deburring to soft and flexible finishing jobs. It is suited for deburring, smoothing of weld seams, precise cleaning and finishing of surfaces.
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- Profiling of the grinding media possible for precise working. Very low roughing of the processed material.
- Bore 22.23 mm (for angle grinder)
- Max. 10,000 rpm; recommended speed: 3,000 rpm

Diameter x thickness x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 6 x 22,23	Coarse	1/5	626482000
125 x 6 x 22,23	Medium	1/5	626483000

Combination flap disc - KLS

- Made from high-quality pink aluminium oxide fabric in combination with high-quality nylon web.
- For removal of material to fine polish in a single process. Very even grinding/polishing result with good material removal.
- For processing weld seams for example, and for grinding or polishing. For removing minor scratches and damage to the work piece.
- Suitable for grinding, cleaning and finishing work on stainless steel, steel, coloured and light metals, titanium alloys.
- Maximum working speed: 80 m/s
- Recommended speed: 3,000 /min

Diameter x bore mm	Grit	Sales unit / packing unit	Order no.
125 x 22,23	Coarse	1/1	626369000*
125 x 22,23	Coarse	5/1	626415000
125 x 22,23	Medium	1/1	626370000*
125 x 22,23	Medium	5/1	626416000

Flap discs

Quality class zirconia alumina »Flexiamant Convex«

- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Grinding media: Zirconia alumina
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- High material removal with very high tool life thanks to the use of zirconia alumina
- Suitable for processing steel and stainless steel
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125 x 22,23	P 40	⌒	12.200	1/10	626462000
125 x 22,23	P 60	⌒	12.200	1/10	626463000
125 x 22,23	P 80	⌒	12.200	1/10	626464000

Quality class ceramic »Flexiamant Super Convex«

- Specially shaped flap disc with lamellae that are rounded off towards the outer edges.
- Thanks to the special design it is particularly suited for processing fillet welds; making faster and more efficient processing possible; also suitable for surface grinding
- Very high material removal with very high tool life thanks to the use of ceramic grain.
- Cool cut for materials with poor thermal conduction
- For grinding of steel and stainless steel. Ideal for extreme grinding jobs like processing high-alloy steels, titanium alloys, nickel-based alloys as well as chromium and chromium-nickel steels, brass and bronze thanks to high load capacity.
- Uniform grinding result, comfortable grinding with only low vibration
- Maximum working speed 80 m/s

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
125 x 22,23	P 60	⌒	12.200	1/10	626460000
125 x 22,23	P 80	⌒	12.200	1/10	626461000

»Metabo Pyramid« hook and loop sanding sheets

- 3-dimensional structure of the grinding media (pyramid-shaped).
- High material removal with, at the same time, a very even and fine grinding result. Long service life. Faster progress when compared to traditional grinding media thanks to the considerable reduction in the number of working stages.
- For removing scratches, rolling marks on stainless steel. Prepare for polishing.
- Suitable for use throughout the metal industry; especially for stainless steels, titanium, cobalt, nickel, chrome alloys.

Diameter mm	Grit	Sales unit	Order no.
125	P 120 (A 160)	5	626371000*
125	P 280 (A 65)	5	626372000*
125	P 400 (A 45)	5	626373000*
125	P 600 (A 30)	5	626374000*
125	P 1200 (A 16)	5	626403000*
125	P 2000 (A 6)	5	626404000*

Hook and Loop Backing Pad »Metabo Pyramid«

- Hook and loop, with flexible intermediate layer, foam-moulded; for attaching polishing and sanding accessories
- Sanding pad for polishing and medium-hard grinding jobs. Especially recommended for Metabo Pyramid hook and loop sanding sheets

Female thread	Diameter mm	Thickness mm	Sales unit	Order no.
5/8 "	125	3	1	623298000*
M 14	125	3	1	623300000*

Hook and loop fleece compact discs »Unitized« - VKS

- Made from pressed fleece material with hook and loop
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels

Diameter mm	Grit	Sales unit	Order no.
125	Very fine	1	626375000*

* Self-service packaging

Cleaning fleeces

- For the removal of light rust, paint / varnish on metal, cleaning weld seams / steel / copper / aluminium / brass, sanding steel and texturing wood.
- Maximum working speed: 63 m/s
- Recommended speeds at Ø 115 mm: 2,900 /min, Ø 125 mm: 2,700 /min

Diameter x bore mm	Sales unit	Order no.
115 x 22,23	1	624346000*
125 x 22,23	1	624347000*

Accessories for fillet weld grinders

Fleece compact grinding discs »Unitized« - VKS

- Made from pressed fleece material
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels
- The fleece compact disc can be shaped with the profiling file (626396000)
- Maximum working speed: 60 m/s
- Maximum speed: 6,000 /min
- Recommended speed: 3,000 /min

Diameter x thickness x bore mm	Grit	Sales unit	Order no.
150 x 3 x 25,4	Medium	1	626400000*
150 x 6 x 25,4	Very fine	1	626401000*
150 x 6 x 25,4	Medium	1	626402000*

Felt disc

- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste.
- Maximum working speed: 31 m/s
- Maximum speed: 3,900 /min
- Recommended speed: 600-1,100 /min

Diameter x thickness x bore mm	Grit	Sales unit	Order no.
150 x 5 x 25,4	Soft	1	626395000*

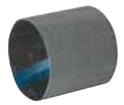
* Self-service packaging

Accessories for burnishing machines

Expansion rollers

		Order no.
	Expansion roller ■ For using sanding belts and abrasive sleeves. The sanding belts/ abrasive sleeves are pushed over the roller and clamped securely by centrifugal force Diameter: 90 mm Width: 100 mm	623470000
	Inflatable expansion roller ■ For using sanding belts and abrasive sleeves. The sanding belts/ abrasive sleeves are pushed over the roller. The air volume in the roller is adjusted individually. ■ Ideal for easy processing of contours Diameter: 90 mm Width: 100 mm	623542000

Sanding belts 90 x 100 mm

Diameter mm	Width mm	Grit	Sales unit	Order no.
	Sanding belts with zirconia alumina 90x100 mm ■ Material: zirconia alumina for grit P 40, 60, 80, 120/ aluminium oxide for grit P 220 ■ Suitable for all metals and even stainless steel ■ For removing scratches and smoothing weld seams ■ Only in combination with the expansion roller 623470000 ■ Maximum working speed: 30 m/s; recommended: 20 m/s			
90	100	P 40	10	623512000
90	100	P 60	10	623473000
90	100	P 80	10	623474000
90	100	P 120	10	623475000
90	100	P 220	10	623476000
	**»Metabo Pyramid« sanding belts 90 x 100 mm** ■ For all metal uses, particularly suited to the processing of rust-free steel/stainless steel ■ 3-dimensional structure of the grinding media (pyramid-shaped). High material removal with, at the same time, a very even and fine grinding result for the entire lifetime of the product. ■ Quick progress; considerably reduces the number of working stages compared to traditional grinding methods. ■ Maximum speed: 6,400 /min; recommended speed: 4,200 /min			
90	100	P 120 (A 160)	5	626405000*
90	100	P 280 (A 65)	5	626406000*
90	100	P 400 (A 45)	5	626407000*
90	100	P 600 (A 30)	5	626408000*
90	100	P 1200 (A 16)	5	626409000*
90	100	P 2000 (A 6)	5	626410000*

Fleece sanding sleeves

- For removing scratches and oxide layers, tarnishing, satin-finish, deburring and fine grinding
- Only in combination with the expansion roller
- Maximum speed: 6,400 /min; recommended speed: 3,200 /min

Diameter mm	Width mm	Version	Sales unit	Order no.
90	100	Coarse	2	623519000
90	100	Medium	2	623495000
90	100	Fine	2	623496000

Lamellar grinding wheels

- For removing rust, oxide layers, scratches
- For texturing and satin-finish of metal
- Maximum speed: 5,800 /min; recommended speed: 3,200 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 40	1	623477000
105	100	P 60	1	623513000
105	100	P 80	1	623479000
105	100	P 120	1	623480000
105	100	P 180	1	623481000
105	100	P 240	1	623482000

Flap wheels/fleece grinding wheels

- Pink aluminium oxide grinding lamellae combined with grain-coated nylon web
- For tarnishing, satin-finish and removing scratches on metal
- Removing old paint and smoothing wood materials
- Maximum speed: 5,600 /min; recommended speed: 2,900 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	623483000
105	100	P 80	1	623484000
105	100	P 180	1	623485000
105	50	P 60	1	623526000
105	50	P 80	1	623527000
105	50	P 180	1	623528000

Fleece grinding wheels

- Elastic grain-coated nylon web for shadow-free tarnishing, satin-finish and polishing of special steel and non-ferrous metals
- For use on wood to smooth surfaces
- Maximum speed: 5,600 /min; recommended speed: 2,900 /min, Ø 115 mm: 2,600 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	623486000
105	100	P 80	1	623487000
105	100	P 180	1	623488000
105	100	P 280	1	623514000
115	100	P 400	1	623468000
115	100	P 600	1	623469000
115	100	P 900	1	623494000

Corrugated Fleece Sanding/Grinding Wheel

- For transition-free matt and satin-finishes on stainless steel surfaces and non-ferrous metals
- For removing minor scratches and for cleaning surfaces
- Elastic nylon fleece containing grit with a corrugated arrangement on the core
- Maximum speed: 5,900 /min; recommended speed: 3,000 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
100	100	P 180	1	623567000

Hard fleece grinding wheel

- For cleaning and descaling weld seams
- Removing rust, oxide layers and paint
- Strong longitudinal grinding of stainless steel
- Maximum speed: 5,400 /min; recommended speed: 2,800 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
110	100	P 46	1	623525000

Rubber grinding wheels

- Rubber mix with silicone carbide abrasive grains
- For removing small scratches. For bright shining, decorative longitudinal grinding of stainless steel and non-ferrous metals
- Maximum speed: 2,700 /min; recommended speed: 1,400 /min

Diameter mm	Width mm	Grit	Sales unit	Order no.
105	100	P 60	1	623510000
105	100	P 180	1	623499000

Polishing discs

		Order no.
	Sisal polishing rings ■ For pre-polishing steel and stainless steel in conjunction with the white polishing paste 623520000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min Diameter: 100 mm Width: 15 mm Version: impregnated Sales unit: 5	623507000
	Nylon web polishing rings ■ For pre-polishing non-ferrous steel in conjunction with the brown polishing paste 623522000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min Diameter: 100 mm Width: 10 mm Version: hard Sales unit: 8	623508000
	Nylon web polishing rings ■ For high-gloss polishing of all metals in conjunction with the blue polishing paste 623524000 ■ Maximum speed: 6,100 /min; recommended speed: 1,900 /min Diameter: 100 mm Width: 10 mm Version: soft Sales unit: 8	623509000

Polishing pastes

		Order no.
	Polishing paste, white ■ For pre-polishing and polishing stainless steel Weight: 250 g	623520000
	Polishing paste, brown ■ For pre-polishing and polishing non-ferrous metals Weight: 250 g	623522000
	Polishing paste, blue ■ For high-gloss polishing of all metals Weight: 250 g	623524000

Stainless steel surface processing

Steel-wire wheel brushes brass

- For rust removal, deburring and cleaning metal
- For brushing out soft annual rings on wood
- Maximum speed: 6,000 /min; recommended speed: 3,000 - 4,500 /min

	Diameter mm	Width mm	Wire thickness	Order no.
	100	70	0,27 mm	623501000

Steel-wire wheel brushes, Inox

- With stainless wire. For cleaning weld seams, deburring, rust removal, roughening
- Maximum speed: 6,000 /min; recommended speed: 2,400 - 3,900 /min

	Diameter mm	Width mm	Wire thickness	Order no.
	100	70	0,20 mm	623503000

Plastic wheel brushes

- Elastic, grain-coated wheel brush for roughening and deburring metal
- For rustic effects on wood

	Diameter mm	Width mm	Order no.
	100	70	623505000

Fibre wheel brush

- For use on wood-based materials. For polishing stained wood materials.
- For producing a dull finish. Dust removal and cleaning.
- Maximum speed: 6,000 /min; recommended speed: 2,400 - 3,900 /min

	Diameter mm	Width mm	Order no.
	100	100	623506000

Spacer rings

		Order no.
	3 Spacer rings ■ For width compensation when using grinding rollers, brushes, polishing rings	623511000

Sanding belt

		Order no.
	Sanding belt ■ With corrugated surface for non-slip work with sanding belts, nylon web and felt band Diameter: 85 mm Width: 70 mm	623529000

Adhesive tape

		Order no.
	Adhesive tape ■ For re-closing the sanding belts	623530000

Fleece bands

- For fine grinding or polishing, also on "closed" pipe constructions
- Resealable by "buttonhole closure"
- Only in conjunction with sanding belt 623529000

Length mm	Width mm	Version	Sales unit	Order no.
660	30	Coarse	3	623536000
660	30	Medium	3	623537000
660	30	Fine	3	623538000
660	30	Extra fine	3	623539000

Felt band

		Order no.
	Felt band ■ For polishing work, also on "closed" pipe constructions ■ Can be used on both sides ■ Resealable by "buttonhole closure" ■ Only in conjunction with sanding belt 623529000 Length: 600 mm Width: 30 mm Sales unit: 1	623541000

Guard 50 mm incl. mounting arbor

- The guard and the mounting arbor have been specially designed for use with 50 mm wide lamellar / fleece grinding discs and fleece grinding wheels. This permits working near edges.

	Order no.
Guard 50 mm incl. mounting arbor 5/8"	626413000
Guard 50 mm incl. mounting arbor M 14	626414000

* Self-service packaging

Accessories for tube belt sanders

Aluminium oxide sanding belts

- For use throughout the metal industry. Flexible grinding material, dense with stable cotton base.
- Good material removal with good tool life. Uniform grinding result.
- Recommended circumferential speed: 25-35 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	P 120	10	626279000*
30 x 533	P 180	10	626280000*
30 x 533	P 240	10	626281000*
30 x 533	P 320	10	626282000*
30 x 533	P 400	10	626283000*
40 x 760	P 120	10	626300000*
40 x 760	P 180	10	626301000*
40 x 760	P 240	10	626302000*
40 x 760	P 320	10	626303000*
40 x 760	P 400	10	626304000*

Zirconia alumina sanding belts

- For all metal uses, particularly suited for processing stainless steels/Inox. High performance sanding belt, dense with cotton base.
- High material removal with good service life. Even grinding result.
- For rough-polishing and deburring of steel and stainless steel
- Recommended circumferential speed: 25-35 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	P 60	10	626284000*
30 x 533	P 80	10	626285000*
30 x 533	P 120	10	626286000*
40 x 760	P 60	10	626305000*
40 x 760	P 80	10	626306000*
40 x 760	P 120	10	626307000*

Ceramic grain sanding belts

- For all metal uses, particularly suited for processing stainless steels/Inox. Flexible high performance sanding belt, semi-open coarseness with cotton base
- Extremely high material removal with extremely high tool life thanks to the self-sharpening ceramic grain. Even grinding and best results.
- For pre-polishing and fine polishing, for example, of contours, profiles, etc.
- Recommended circumferential speed: 25-35 m/s for stainless steel
- Recommended circumferential speed: 20-30 m/s for NF metals
- Recommended circumferential speed: 5-10 m/s for high temperature Ni-/Co steels

Dimensions mm	Grit	Sales unit	Order no.
40 x 760	P 60	10	626308000*
40 x 760	P 80	10	626309000*
40 x 760	P 120	10	626310000*

* Self-service packaging

»Metabo Pyramid« sanding belts

- For all metal uses, particularly suited to the processing of rust-free steel/stainless steel
- 3-dimensional structure of the grinding media (pyramid-shaped). High material removal with, at the same time, a very even and fine grinding result for the entire lifetime of the product.
- Quick progress; considerably reduces the number of working stages compared to traditional grinding methods.
- Special product for processing of lightly and heavily profiled elements in the stainless steel industry.
- Recommended circumferential speed: 2.7-8.5 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	P 120 (A 160)	5	626290000*
30 x 533	P 280 (A 65)	5	626291000*
30 x 533	P 400 (A 45)	5	626292000*
30 x 533	P 600 (A 30)	5	626293000*
30 x 533	P 1200 (A 16)	5	626294000*
30 x 533	P 2000 (A6)	5	626295000*
40 x 760	P 120 (A 160)	5	626311000*
40 x 760	P 280 (A 65)	5	626312000*
40 x 760	P 400 (A 45)	5	626313000*
40 x 760	P 600 (A 30)	5	626314000*
40 x 760	P 1200 (A 16)	5	626315000*
40 x 760	P 2000 (A6)	5	626316000*

Fleece bands

- For grinding, cleaning and finishing work. For removing scratches, colour runs and oxide layers.
- For preparing, pre-grinding and polishing weld seams
- Recommended circumferential speed: 25-30 m/s for steel
- Recommended circumferential speed: 15-25 m/s for stainless steel
- Recommended circumferential speed: 30-40 m/s for soft NF metals
- Recommended circumferential speed: 5-15 m/s for high temperature Ni-/ Co alloys

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	Coarse	3	626296000*
30 x 533	Medium	3	626297000*
30 x 533	Very fine	3	626298000*
40 x 760	Coarse	3	626319000*
40 x 760	Medium	3	626320000*
40 x 760	Very fine	3	626322000*

Felt band

- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste.
- Recommended circumferential speed: 10-20 m/s

Dimensions mm	Grit	Sales unit	Order no.
30 x 533	Soft	1	626299000*
40 x 760	Soft	1	626323000*

Polishing pastes

		Order no.
	Polishing paste, white ■ For pre-polishing and polishing steel and stainless steel; weight: 250 g	623520000
	Polishing paste, brown ■ For pre-polishing and polishing of NF metals; weight: 250 g	623522000
	Polishing paste, blue ■ For high-gloss polishing of all metals; weight: 250 g	623524000

Accessories for band files

Zirconia alumina sanding belts

- For all metal uses, particularly suited to the processing of rust-free steel/stainless steel. Grinding material with cotton base.
- High material removal with good service life. Even grinding result.
- For rough-polishing and deburring of steel and stainless steel
- Recommended circumferential speed: 15-25 m/s

Dimensions mm	Grit	Sales unit	Order no.
6 x 457	P 40	10	626344000*
6 x 457	P 60	10	626345000*
6 x 457	P 80	10	626346000*
6 x 457	P 120	10	626347000*
13 x 457	P 40	10	626348000*
13 x 457	P 60	10	626349000*
13 x 457	P 80	10	626350000*
13 x 457	P 120	10	626351000*
19 x 457	P 40	10	626352000*
19 x 457	P 60	10	626353000*
19 x 457	P 80	10	626354000*
19 x 457	P 120	10	626355000*

Ceramic grain sanding belts

- For all metal uses, particularly suited to the processing of rust-free steel/stainless steel. Grinding material with cotton base.
- Extremely high material removal with extremely high tool life thanks to the self-sharpening ceramic grain. Even grinding and best results.
- For pre-polishing and fine polishing, for example, of contours, profiles, etc.
- Recommended circumferential speed: 15-25 m/s for stainless steel
- Recommended circumferential speed: 20-30 m/s for NF metals
- Recommended circumferential speed: 5-10 m/s for high temperature Ni-/ Co- alloys

Dimensions mm	Grit	Sales unit	Order no.
13 x 457	P 40	10	626360000*
13 x 457	P 60	10	626361000*
13 x 457	P 80	10	626362000*
13 x 457	P 120	10	626363000*

Fleece bands

- For grinding, cleaning and finishing work. For removing scratches, colour runs and oxide layers.
- For preparing, pre-grinding and polishing weld seams
- Recommended circumferential speed: 25-30 m/s for steel
- Recommended circumferential speed: 15-25 m/s for stainless steel
- Recommended circumferential speed: 30-40 m/s for soft NF metals
- Recommended circumferential speed: 5-15 m/s for high temperature Ni-/ Co alloys

Dimensions mm	Grit	Sales unit	Order no.
6 x 457	Coarse	5	626383000*
6 x 457	Medium	5	626384000*
6 x 457	Very fine	5	626386000*
13 x 457	Coarse	5	626387000*
13 x 457	Medium	5	626388000*
13 x 457	Very fine	5	626390000*

* Self-service packaging

Dimensions mm	Grit	Sales unit	Order no.
19 x 457	Coarse	5	626391000*
19 x 457	Medium	5	626392000*
19 x 457	Very fine	5	626394000*

Sanding belt arms

	Order no.
Sanding belt arm 1 ■ Standard equipment of the machine. Suitable for sanding belts 6 x 457 mm and 13 x 457 mm. ■ For sanding narrow areas, weld seams, deburring edges, sanding grooved sections on tongued and groove boards.	626379000*
Sanding belt arm 2 ■ Suitable for sanding belts 6 x 457 mm. ■ For sanding narrow areas, edges, deburring pipes, sanding grooved sections on tongued and groove boards.	626380000*
Sanding belt arm 3 ■ Suitable for sanding belts 13 x 457 mm ■ For sanding edges, deburring pipes, sanding blunt welds.	626381000*
Sanding belt arm 4 ■ Suitable for sanding belts 19 x 457 mm. ■ For grinding of edges and surfaces and for grinding out of radii and transitions	626382000*

Additional accessories for band files

	Order no.
Adapter band file ■ For extension of the sanding belt arms. For the use of sanding belts with a belt length of 520 mm and 533 mm.	626378000

General accessories for processing stainless steel

	Order no.
Stainless steel adhesive tape ■ For mitre cuts of welded stainless steel profiles. ■ Dimensions: 2.5 m x 40 x 0.15 mm	626376000
3 Micro-fibre cloths 380 x 380 mm ■ For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue ■ Suitable for all metals and hard plastics	626398000*
Stainless steel cleaning spray 400 ml ■ For cleaning, conserving and sealing of surfaces, especially on stainless steels.	626377000
Vienna lime chalk ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000

Ready for any application: System solutions for die grinders.

Whether you remove fine burrs or want to grind surfaces in hard to reach places, we have the right die grinder for you. The machines impress with their slim design and details, like for example, the spindle lock for easy and fast tool change. An extensive range of accessories, compliment the different die grinders, permitting precise and safe working in the different application areas.

Flexible shafts

Speeds of 20,000 to 30,000 rpm
Order no. 627609000

Speeds of 7,500 to 30,000 rpm
Order no. 630980000

Tensioning frame

Order no. 628329000

High speed

GE 710 Compact
Order no. 600615

G 400
Order no. 600427

GE 710 Plus
Order no. 600616

GA 18 LTX
Order no. 600638

High torque

GE 950 G Plus
Order no. 600618

GA 18 LTX G
Order no. 600639

Carbide cutter

Corundum mounted points

Flap wheels

Always the right collet for your accessories

For die grinders

For flexible shaft 630980000

For flexible shaft 627609000

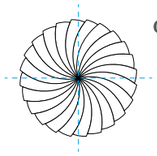
Collet bore	Version	Order no.	Collet bore	Order no.	Collet bore	Order no.
3 mm	Hexagon	631947000	3 mm	630976000	3 mm	630715000
6 mm	Hexagon	631945000	6 mm	630977000	6 mm	630714000
6 mm	Double flat	630820000	8 mm	630979000		
8 mm	Double flat	630833000				
8 mm	Hexagon	631946000				
1/8" (3,18 mm)	Hexagon	631948000				
1/4" (6,35 mm)	Hexagon	631949000				
1/4" (6,35 mm)	Double flat	630821000				

Carbide router bits

- Carbide head made from high-quality carbide with a percentage of Cobalt
- Specially hardened steel shaft
- Special copper soldering material for a safe connection
- 100% control of the soldering joint

Design wave shape

Wave shape geometry



Centred teeth

Carbide router bits with round spur cutting edges are produced with a wave geometry; this results in improved ease of cutting at the end of the tool.

Shapes and applications at a glance

ZYAS (B)

WRC (C)

KUD (D)

TRE (E)

RBF (F)

SPG (G)

B (H)

KEL (L)

SKM (M)

R

Recommended cutting speeds for different material groups:

Material groups			Gearing	Cutting speed
Steel and die-cast materials	unhardened, non-heat treated steels up to 1,200 N/mm (< 35 HRC)	Construction steels Carbon steels Tool steels Non-alloy steels Case-hardening steels Cast steel	Cross-cut serration MX	450 - 600 m/min
	Hardened, heat-treated steels over 1,200 N/mm (>35 HRC)	Tool steels Heat-treated steels Alloy steels Cast steel	Cross-cut serration MX	250 - 350 m/min
Stainless steels	Steels resistant to rust and acid	Austenitic and ferrous stainless steels	Cross-cut serration MX	250 - 350 m/min
NF Metals	Soft NF metals	Aluminium Brass Copper Zinc	Aluminium gearing ALU	600 - 900 m/min
	High temperature-resistant materials	Nickel-base alloys Ni-Co alloys	Cross-cut serration MX	300 - 450 m/min
Cast iron materials		Grey cast iron Ductile cast iron	Cross-cut serration MX	450 - 600 m/min

Example:
Gearing: cross / MX
Cutter head Ø 8 mm

Material group: Stainless steel
Cutting speed: 250 - 350 m/min
Recommended speed range: 10,000 - 14,000 /min

Recommended speed range:

	Cutting speeds (m/min)					
	250	300	350	450	600	900
Head Ø (mm)	**Speeds (min^{-1})**					
6	13.000	16.000	19.000	24.000	32.000	
8	10.000	12.000	14.000	18.000	24.000	
9,6	8.000	10.000	12.000	15.000	20.000	
12,7	6.000	7.500	9.000	11.000	15.000	23.000

Accessories for die grinders

Router bits

Carbide router bits

- Carbide burrs with cross-cut serration for general applications. The cross-cut serration permits comfortable working and better control. Thanks to the improved ease of cutting, the material removal is increased. Suitable for almost all metals, such as hardened and unhardened steel, stainless steel, titanium, brass, copper, cast iron, bronze.
- Application examples: Deburring, machining of contours, processing of surfaces, milling of hard to reach places, machining of narrow angles

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Gearing	Order no.
ZYAS	**Cylindrical rotary burr, ZYAS shape (with spur gearing)** For general applications. Ideally suited for inner contours.					
	6	18	50	6	Cross-cut serration	**628341000***
	8	20	64	6	Cross-cut serration	**628342000***
	10	20	64	6	Cross-cut serration	**628343000***
	12	25	70	6	Cross-cut serration	**628344000***
WRC	**Radius end router bit, WRC shape** For processing surfaces, contours and radii.					
	6	18	50	6	Cross-cut serration	**628345000***
	8	20	64	6	Cross-cut serration	**628346000***
	10	20	64	6	Cross-cut serration	**628347000***
	12	25	70	6	Cross-cut serration	**628348000***
KUD	**Router bit, ball shape, KUD shape** To process contours and deburring of internal bores. Particularly for milling in hard to reach areas.					
	6	5	50	6	Cross-cut serration	**628349000***
	8	6	52	6	Cross-cut serration	**628350000***
	10	8	54	6	Cross-cut serration	**628351000***
	12	11	56	6	Cross-cut serration	**628352000***
TRE	**Router bit, drop shape, TRE shape** For general applications.					
	6	10	50	6	Cross-cut serration	**628372000***
	8	15	60	6	Cross-cut serration	**628373000***
	10	16	60	6	Cross-cut serration	**628402000***
	12	22	67	6	Cross-cut serration	**628374000***
RBF	**Router bit, semi-circular shape, RBF shape** For processing narrow workpieces.					
	6	18	50	6	Cross-cut serration	**628353000***
	8	20	65	6	Cross-cut serration	**628354000***
	10	20	64	6	Cross-cut serration	**628355000***
	12	25	70	6	Cross-cut serration	**628356000***
SPG	**Router bit, pointed arch shape, SPG shape** For the processing of acute angles.					
	6	18	50	6	Cross-cut serration	**628357000***
	8	20	64	6	Cross-cut serration	**628358000***
	10	20	64	6	Cross-cut serration	**628359000***
	12	25	70	6	Cross-cut serration	**628360000***
B	**Router bit flame shape, B shape** For general applications.					
	6	14	50	6	Cross-cut serration	**628361000***
	8	20	64	6	Cross-cut serration	**628362000***
	10	20	65	6	Cross-cut serration	**628363000***
	12	32	77	6	Cross-cut serration	**628364000***

* Self-service packaging

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Gearing	Order no.
KEL	**Router bit round taper shape, KEL shape** For processing hard to reach areas.					
	6	18	50	6	Cross-cut serration	**628401000***
	8	25	70	6	Cross-cut serration	**628365000***
	10	30	76	6	Cross-cut serration	**628366000***
	12	32	77	6	Cross-cut serration	**628367000***
SKM	**Router bit, pointed cone shape, SKM shape** For processing hard to reach areas. Ideally suited for model construction. The conical shape permits the cutting of continuous diameters.					
	6	20	50	6	Cross-cut serration	**628368000***
	8	18	64	6	Cross-cut serration	**628369000***
	10	20	64	6	Cross-cut serration	**628370000***
	12	22	71	6	Cross-cut serration	**628371000***
R	**Radius rotary burr** Unparalleled conical rotary burr with special curved structure. The specially developed guide system prevents the cutter sliding off the work piece. Therefore it is ideally suited for fine radii at sharp corners/edges and good control over sharp edges. The special groove geometry (overlapping standard gearing in the bit centre) permits fine milling on all surfaces and quick material removal with long service life. The smooth face side helps guiding the cutter and protects the surface from damage. Specially developed for achieving radius chamfers in hard materials such as steel, stainless steel, cast iron, titanium, bronze, copper, brass, etc.					
	12	16	70	6	Simple gearing	**628378000***

Carbide router bits for aluminium

- Carbide burr with special aluminium gearing for processing soft, long-chip materials such as aluminium and plastics. The aluminium gearing permits a high chip removal rate and high cutting performance with smooth operation.
- Application examples: Deburring, machining of contours, processing of surfaces, milling of hard to reach places, machining of narrow angles

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Gearing	Order no.
ZYAS	**Cylindrical router bit, ZYAS shape/ Alu (with spur gearing)** Ideal for inside contours and general applications					
	12	25	70	6	Aluminium gearing	**628375000***
WRC	**Router bit, radius end, WRC shape/ Alu** For processing surfaces, contours and radii					
	12	25	70	6	Aluminium gearing	**628377000***
KUD	**Router bit, spherical shape, KUD shape/ Alu** For processing contours and deburring of internal bores					
	12	11	56	6	Aluminium gearing	**628376000***

Carbide burr sets

- Carbide burrs with cross-cut serration for general applications. The Cross-cut serration permits comfortable working and better control. Thanks to the improved ease of cutting, the material removal is increased. Suitable for almost all metals, such as hardened and unhardened steel, stainless steel, titanium, brass, copper, cast iron, bronze.
- Application examples: Deburring, machining of contours, processing of surfaces, milling of hard to reach places, machining of narrow angles

		Order no.
	Carbide burr set Contents: 1 x Order no.: head-Ø x working length x overall length, shaft-Ø, shape 1 x 628343000: ZYAS 102064, Cylinder / B-shape 1 x 628347000: WRC 102064, Radius end/C shape 1 x 628351000: KUD 100854, Sphere/D shape 1 x 628402000: TRE 101660, Ellipse/E shape 1 x 628359000: SPG 102064, Pointed arch/G shape	628403000*
	Carbide burr set Contents: 1 x Order no.: head-Ø x working length x overall length, shaft-Ø, shape 1 x 628343000: ZYAS 102064, Cylinder / B-shape 1 x 628344000: ZYAS 122570, Cylinder / B-shape 1 x 628347000: WRC 102064, Radius end/C shape 1 x 628348000: WRC 122570, Radius end/C shape 1 x 628352000: KUD 121156, Sphere/D shape 1 x 628402000: TRE 101660, Ellipse/E shape 1 x 628356000: RBF 122570, Round arch/F shape 1 x 628359000: SPG 102064, Pointed arch/G shape 1 x 628360000: SPG 122570, Pointed arch/G shape 1 x 628367000: KEL 123277, Round cone/L shape	628404000*
	Carbide router bit display Contents: 2 x Order no.: head-Ø x working length x overall length, shaft-Ø, shape 2 x 628341000: ZYAS 061850, Cylinder / B-shape 2 x 628345000: WRC 061850, Radius end/C shape 2 x 628353000: RBF 061850, Round arch/F shape 2 x 628357000: SPG 061850, Pointed arch/G shape 2 x 628401000: KEL 061850, Round cone/L shape 2 x 628346000: WRC 082064, Radius end/C shape 2 x 628354000: RBF 082065, Round arch/F shape 2 x 628358000: SPG 082064, Pointed arch/G shape 2 x 628365000: KEL 082570, Round cone/L shape 2 x 628343000: ZYAS 102064, Cylinder / B-shape 2 x 628347000: WRC 102064, Radius end/C shape 2 x 628355000: RBF 102064, Round arch/F shape 2 x 628359000: SPG 102064, Pointed arch/G shape 2 x 628366000: KEL 103076, Round cone/L shape 2 x 628344000: ZYAS 122570, Cylinder / B-shape 1 x 628348000: WRC 122570, Radius end/C shape 2 x 628356000: RBF 122570, Round arch/F shape 2 x 628360000: SPG 122570, Pointed arch/G shape 2 x 628367000: KEL 123277, Round cone/L shape 2 x 628402000: TRE 101660, Ellipse/E shape	628405000

* Self-service packaging

Corundum mounted points

Mounted points made of pink aluminium oxide

- Mounted points made from pink aluminium oxide for steel and cast steel
- For the preparation of weld seams, processing of weld seams
- Rough machining to fine processing
- For deburring and buffing

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Grit	Order no.
	16	32	40	6	K 46	628330000*
	25	25	40	6	K 36	628331000*
	16	32	40	6	K 46	628332000*
	25	25	40	6	K 36	628333000*
	20	32	40	6	K 36	628334000*
	Mounted points made from pink aluminium oxide in a set ■ Mounted points made from pink aluminium oxide for steel and cast steel ■ Ideal for the preparation of weld seams, processing of weld seams ■ Rough machining to fine processing ■ Deburring ■ Plastering Contents: 1 x Order no.: head-Ø x working length x shaft length, shaft-Ø, grit, shape 1 x 628330000: 16 x 32 x 40 mm, 6 mm, K 46, Cylinders 1 x 628331000: 25 x 25 x 40 mm, 6 mm, K 36, Cylinders 1 x 628332000: 16 x 32 x 40 mm, 6 mm, K 46, Taper 1 x 628333000: 25 x 25 x 40 mm, 6 mm, K 36, Ball 1 x 628334000: 20 x 32 x 40 mm, 6 mm, K 36, Pointed arch					628335000*

Mounted points made of aluminium oxide

- Mounted points made of aluminium oxide for processing stainless steel, Inox, NK 24 N BA, soft version, free from iron and sulphur
- For the preparation of weld seams, processing of weld seams
- Rough machining to fine processing
- For deburring and buffing

	Head Ø mm	Working length mm	Overall length mm	Shaft Ø mm	Grit	Order no.
	20	32	40	6	K 24	628336000*
	25	32	40	6	K 24	628337000*
	32	32	40	6	K 24	628338000*
	40	20	40	6	K 24	628339000*
	50	10	40	6	K 24	628340000*

Flap wheels

- Aluminium oxide flap wheels
- For processing profiled workpieces, inner surfaces, narrow and hard to reach areas. Particularly for radial use.
- Ideal for smoothing, rust removal, buffing, deburring; rough grinding of steel; processing of steel surfaces; tarnishing; flat surface grinding; effect grinding

Diameter x width mm	Shaft Ø mm	Grit	Maximum speed /min	Sales unit	Order no.
Ø 50 x 20	6	P 40	15.200	1	628379000*
Ø 50 x 20	6	P 60	15.200	1	631110000*
Ø 50 x 20	6	P 80	15.200	1	628380000*
Ø 60 x 20	6	P 40	12.700	1	628381000*
Ø 60 x 20	6	P 60	12.700	1	628382000*
Ø 60 x 20	6	P 80	12.700	1	628383000*
Ø 60 x 30	6	P 40	12.700	1	628384000*
Ø 60 x 30	6	P 60	12.700	1	631111000*
Ø 60 x 30	6	P 80	12.700	1	628385000*
Ø 60 x 30	6	P 120	12.700	1	628386000*
Ø 60 x 30	6	P 180	12.700	1	628387000*
Ø 60 x 30	6	P 240	12.700	1	628388000*
Ø 60 x 40	6	P 40	12.700	1	628389000*
Ø 60 x 40	6	P 60	12.700	1	631112000*
Ø 80 x 30	6	P 40	9.500	1	628391000*
Ø 80 x 30	6	P 60	9.500	1	628392000*
Ø 80 x 30	6	P 80	9.500	1	628393000*
Ø 80 x 30	6	P 120	9.500	1	628394000*
Ø 80 x 40	6	P 40	9.500	1	628395000*
Ø 80 x 40	6	P 60	9.500	1	628396000*
Ø 80 x 40	6	P 80	9.500	1	628397000*
Ø 80 x 50	6	P 40	9.500	1	628398000*
Ø 80 x 50	6	P 60	9.500	1	628399000*
Ø 80 x 50	6	P 80	9.500	1	628400000*

Small grinding discs

Quality class A 24-Q »Flexiamant Super« steel

- Universal disc for all aspects of metal processing, particularly suitable for deburring and grinding edges, also for cast processing
- Hardness: hard
- Good material removal with extremely good tool life

Diameter x thickness x bore mm	Maximum speed /min	Maximum working speed m/s	Sales unit / packing unit	Suitable for machine	Order no.
50 x 6 x 6	30.600	80	1/25		630187000

* Self-service packaging

Small cutting discs

Quality class A 46-U 9 »Flexiamant Super« Inox

- High-output disc especially for processing stainless steel
- Maximum cutting output with very long tool life by using special corundums. Free from iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %), for all rust and acid resistant steels (V2A, Nirosta, INOX), spring steels, tool steels
- For use in the manufacture of vehicles, containers, car bodies, switch cabinets etc. Cutting discs for quiet, precise cutting cuts without burrs
- Hardness: hard

Diameter x thickness x bore mm	Maximum speed /min	Maximum working speed m/s	Sales unit / packing unit	Suitable for machine	Order no.
50 x 1 x 6	30.600	80	1/50		630191000
50 x 2 x 6	30.600	80	1/25		630192000
76 x 2 x 6	20.100	80	1/25		630194000
76 x 1,1 x 6	20.100	80	1/50		630195000
Mounting arbor for small cutting discs					630189000*

Collets for die grinder

Collet bore	Version	Order no.
3 mm	Hexagon	631947000*
6 mm	Hexagon	631945000*
6 mm	Double flat	630820000
8 mm	Double flat	630833000
8 mm	Hexagon	631946000*
1/8" (3,18 mm)	Hexagon	631948000*
1/4" (6,35 mm)	Hexagon	631949000
1/4" (6,35 mm)	Double flat	630821000

Flexible shafts

		Order no.
	Flexible shaft 27609 ■ Suitable for speeds of 20,000 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 6 mm shaft diameter. Interchangeable collet for accessories with 3 mm shaft diameter available as accessory (630715000) ■ 6 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 6 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) Suitable for routers: FME 737 Suitable for die grinders: G 400, GE 710 Compact, GE 710 Plus, GA 18 LTX Length: 1.3 m Driving shaft: 6 mm Collet bore: 6 mm Weight: 0.8 kg	627609000*
	Flexible shaft 30980 ■ Suitable for speeds of 7,500 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 8 mm shaft diameter. Interchangeable collet for accessories with 6 mm shaft diameter (630977000) and 3 mm shaft diameter (630976000) available as accessory ■ 8 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 8 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) Suitable for routers: FME 737 Suitable for die grinders: G 400, GE 710 Compact, GE 710 Plus, GE 950 G Plus, GA 18 LTX Length: 1.3 m Driving shaft: 8 mm Collet bore: 8 mm Weight: 0.8 kg	630980000*

Collets for flexible shaft 630980000

- To attach the carbide router bits, mounted points etc. to the flexible shaft

Collet bore	Order no.
3 mm	630976000
6 mm	630977000
8 mm	630979000

Collets for flexible shaft 627609000

- To attach the carbide router bits, mounted points etc. to the flexible shaft

Collet bore	Order no.
3 mm	630715000
6 mm	630714000

Additional accessories for die grinders

		Order no.
	Tensioning frame ■ Tensioning frame for working with a flexible shaft ■ The Metabo tensioning frame with hard rubber can be set up or hung up, is non-slip, stable and protects delicate surfaces from scratches. ■ Suitable for G 400, GE 710 Plus, GE 950 G Plus, GA 18 LTX, GA 18 LTX G	628329000
	Clamping stand ■ For safe clamping of drills and impact drills as well as die grinders and the motor of the router when working with flexible shafts. Aperture Ø 43 mm. The clamp (627107000) serves for the secure fixing	627354000*
	Clamp ■ For the secure fixing on a work table	627107000*

* Self-service packaging

Accessories for angle polishers

Hook and loop backing pads

- With hook and loop, for attaching polishing and sanding accessories, maximum working speed: 80 m/s

Diameter mm	Thickness mm	Female thread	Max. speed rpm	Sales unit	Order no.
113	2	M 14	13.000	1	624840000*
123	12	M 14	12.000	1	623287000*
147	12	M 14	10.000	1	623288000*
173	12	M 14	8.500	1	623289000*
113	12	5/8 "	13.000	1	623272000*
173	12	5/8 "	8.500	1	623273000*

Hook and loop polishing sponges, coarse

- For polishing up weathered paintwork

Diameter mm	Thickness mm	Sales unit	Order no.
80	25	1	624912000*
130	25	1	624913000*
160	25	1	624915000*
160	50	1	624916000*

Hook and loop polishing sponges, fine

- For polishing paintwork

Diameter mm	Thickness mm	Sales unit	Order no.
80	20	1	624092000*
130	25	1	624967000*
130	50	1	624926000*
160	25	1	624968000*
160	50	1	624927000*

Hook and loop polishing felt, soft

- For polishing paintwork, non-ferrous metals, and steel sheets

Diameter mm	Thickness mm	Sales unit	Order no.
130	5	1	624964000*
155	5	1	624965000*

*Self-service packaging

Hook and loop lambswool polishing discs

- For high-gloss polishing

Diameter mm	Sales unit	Order no.
85	1	624063000*
130	1	631223000*
150	1	631217000*

Lambswool polishing bonnets with tightening cord

- For high-gloss polishing

Diameter mm	Sales unit	Order no.
180	1	623265000*

Plastic disc brushes

- SiC grinding filaments, undulated, Ø 1.27 mm. For processing, deburring, grinding and structuring of surfaces. Suitable for steel, cast steel, NF-metals, wood, and plastics. Maximum working speed: 19 m/s, recommended speed: 1,200-1,900 min^{-1}

Diameter mm	Grit	Sales unit	Order no.
130	P 46	1	623740000
130	P 60	1	623741000
130	P 80	1	623742000

Additional accessories for polishers

		Order no.
	Extension piece M 14/ M 14 ■ For working with the backing pads; increases the distance between the machine spindle and the backing pad by approximately 35 mm; with M 14 female thread and M 14 male thread	631360000*
	Arbor ■ For 2 buffing mops with flanges and flange nut	623107000*
	Vienna lime chalk ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000

Accessories for wet polishers

Hook and loop backing pads

- With hook and loop and flexible middle section, foam-moulded, for application of flexible diamond hook and loop polishing discs. Sanding pad for polishing and curved polishing.
- Diameter 100 mm; thickness 12 mm; female thread M 14

626148000

*Self-service packaging

Accessories for metal chop saws

Quality class A 30-R »Flexiamant« steel

- For use in all steel processing applications
- Good cutting output with good tool life in steel
- Uniform in cutting output and tool life
- Medium-hard version for powerful machines (machine load > 3 KW
- Maximum working speed 80 m/s

NEW

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 30-R	355 x 3 x 25,4	—	4.365	1/10	616346000

Quality class A 30-R / A 36-S »Flexiamant Super« steel

- Good cutting output with good tool life in steel
- Hard version for powerful machines (machine load > 3 KW
- A 36-S: with an inside gauze for quick cuts
- Maximum working speed 80 m/s

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 30-R	350 x 3 x 25,4	—	4.365	1/10	616327000
A 36-S	350 x 3 x 25,4	—	4.365	1/10	616339000

Quality class A 24-M »Flexiamant Super« Steel

- High cutting output with good tool life in steel
- Soft version for less powerful machines (machine load <3 KW)
- Maximum working speed 80 m/s

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 24-M	350 x 3 x 25,4	—	4.365	1/10	616338000

Quality class A 36-R »Flexiamant Super« Inox

- Medium-hard special cutting disc for stainless steel
- High cutting output with good tool life
- Low in iron and sulphur <0.1%
- Maximum working speed 80 m/s
- Medium-hard version for less powerful machines (machine load <3 KW)

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
A 36-R	350 x 3 x 25,4	—	4.365	1/10	616343000

Further metal processing

Accessories for bench grinders

Grinding wheels, aluminium oxide

- For sanding/grinding tool steel
- Fine grit (60N): suitable for fine grinding of hardened and unhardened steels, for example spiral drills, screwdrivers, chisels, turning chisels, splitting tools, bevelled-edge chisels, carving knives
- Coarse grit (36P): suitable for pre-grinding of hardened and unhardened steels, for example chisels, splitting tools

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
120 x 20 x 20	36 P	DS 125, Ds W 3150	629088000
120 x 20 x 20	60 N	DS 125, Ds W 3150	629089000
120 x 20 x 12	60 N	DS 125 W, Ds W 3150	629090000
150 x 20 x 20	36 P	DS 150, Ds W 3150	630632000
150 x 20 x 20	60 N	DS 150, Ds W 3150	630633000
150 x 20 x 32	36 P	Ds 7202	630777000
150 x 20 x 32	60 N	Ds 7202, Ds 7203	630778000
175 x 25 x 20	36 P	DS 175 W / DS 175 D	629091000
175 x 25 x 20	60 N	DS 175 W / DS 175 D	629092000
175 x 25 x 32	36 P	DS 175, BS 175, TNS 175, Ds W 5175 / Ds D 6175	630657000
175 x 25 x 32	60 N	DS 175, BS 175, TNS 175, Ds W 5175 / Ds D 6175	630656000
200 x 25 x 20	36 P	DS 200/25 W / DS 200/25 D	629093000
200 x 25 x 20	60 N	DS 200/25 W / DS 200/25 D	629094000
200 x 25 x 32	36 P	DS 200, DSD 200, Ds 7211, Ds W 9200 / Ds D 9201	630784000
200 x 25 x 32	60 N	DS 200, DSD 200, Ds 7211, Ds W 9200 / Ds D 9201	630785000
200 x 32 x 32	36 P	Ds W 9200 / Ds D 9201	630634000
200 x 32 x 32	60 N	Ds W 9200 / Ds D 9201	630635000
250 x 32 x 32	24 Q	Ds 7226	630788000
250 x 32 x 32	60 N	Ds 7226	630789000
250 x 40 x 51	36 P	DSD 250, Ds D 9250	630636000
250 x 40 x 51	60 N	DSD 250, Ds D 9250	630637000

Pink aluminium oxide grinding wheels

- For sanding/grinding HSS tools

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
150 x 20 x 20	80 J	Ds W 3150	630638000
150 x 50 x 13	80 I	Ds 7203	630779000

Silicone carbide grinding wheels

- Suitable for fine ground finish on hard metals and carbide-coated tools, grey cast iron, copper, aluminium, glass, ceramic

Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
120 x 20 x 20	80 J	DS 125	629102000
150 x 20 x 20	80 J	DS 150, Ds W 3150	629103000
175 x 25 x 20	80 J	DS 175 W / DS 175 D, TNS 175	629095000
175 x 25 x 32	80 J	DS 175, BS 175, TNS 175	629104000
200 x 25 x 20	80 J	DS 200/25 W / DS 200/25 D, TNS 175	629096000
200 x 25 x 32	80 J	DS 200, DSD 200, Ds W 9200 / Ds D 9201	629105000
250 x 40 x 51	80 J	DSD 250, Ds D 9250	629106000

Wet grinding wheels

- Suitable for fine grinding of unhardened steels, for example knives, bevelled-edge chisels, turning chisels, splitting tools, shears.

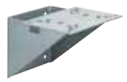
Diameter x thickness x bore mm	Grit and hardness	Suitable for	Order no.
150 x 30 x 20	220 K	TNS 150 W	629097000
200 x 40 x 20	220 K	TNS 175	629098000

Sanding belts

- High-quality sanding paper (aluminium oxide) with dense distribution, high removal of material and long durability. Universal use: For grinding and deburring metals, non-alloyed and low-alloyed steels, cast iron, aluminium alloys, brass, bronze, hard metal coatings, rubber, plastics etc.
- Recommended circumferential speed: 25-35 m/s

Dimensions mm	Grit	Sales unit	Order no.
50 x 650	P 60	3	629060000*
50 x 650	P 100	3	629061000*
50 x 650	P 150	3	629062000*
50 x 1.020	P 60	3	629063000*
50 x 1.020	P 80	3	629064000*
50 x 1.020	P 100	3	629065000*
50 x 1.020	P 120	3	629066000*
50 x 1.020	P 180	3	629067000*
50 x 1.020	P 240	3	629068000*
50 x 1.020	P 400	3	629069000*

Further accessories for bench grinders

		Order no.
	Dressing stick Dressing stick made of silicone carbide. For dressing grinding wheels; blunt grinding abrasives are removed.	629099000
	Stands Suitable for all Metabo bench grinders (from YOM 2005). With pull out container for cooling water or handy tool storage. A double vertical slit for storage of grinding wheels, tools etc. Height 835mm, dimension of plate: 200 x 280 mm; Ø-Base plate: 340 mm	623867000
	**Wall panel** Suitable for all Metabo bench grinders up to disc -Ø 200 mm (built after 2005), except BS 175, DS 250 D. Dimensions: 280 mm x 90 mm x 204 mm	623862000

*Self-service packaging

Further metal processing

Accessories for bevelling tools

Carbide indexable inserts for deburring and rounding

- For deburring of sheet metal with many contours
- For chamfering of pipes
- For chamfering and rounding of drilled and punched edges
- Suitable for KFM 9-3 RF, KFM 18 LTX 3 RF

		Order no.
	10 Carbide indexable inserts R2, radius 2	623561000
	10 Carbide indexable inserts R3, radius 3	623562000
	10 Carbide indexable inserts chamfer 45°	623560000

Carbide indexable inserts for weld seam preparation

- For weld seam preparation of flat material and pipes
- Suitable for KFM 15-10 F, KFM 16-15 F, KFMPB 15-10 F

		Order no.
	10 Carbide indexable inserts Universal For chamfering of production and in fine-grained steel, as well as stainless steel	623564000
	10 Carbide Indexable Inserts For chamfering stainless steel	623565000
	10 Carbide Indexable Inserts For chamfering aluminium and plastics	623559000

Fixing screws for indexable inserts

		Order no.
	■ To fix the indexable inserts for the bevelling tools ■ The screws have a hexagon recess on the thread side so that the indexable inserts can also be exchanged with a damaged screw and the screws can be replaced. ■ Suitable for KFM 15-10 F, KFM 16-15 F, KFMPB 15-10 F, KFM 9-3 RF, KFM 18 LTX 3 RF	623566000

Accessories for metal shears

Reversible blade

			Order no.
	2 Reversible blades for SCV 18 LTX ■ Reversible blade for high-strength sheets up to 800 N/mm²	NEW	630241000*
	2 Reversible blades for SCV 18 LTX ■ Reversible blade for sheets up to 400 N/mm²	NEW	630239000*
	Reversible blade for Ku 6870 ■ Same blade for tappet and cutting bench		630201000
	Reversible blade for Ku 6872 ■ Same blade for tappet and cutting bench		631042000

Tappet blade

		Order no.
	Tappet blade Suitable for Ku 6872 and Ku 6870	631041000

Accessories for nibblers

Punch

		Order no.
NEW	**Punches for NIV18 LTX BL 1.6** ■ For processing sheet steel from 0.7 to 1.6 mm ■ For processing aluminium up to 2.0 mm sheet thickness	630243000*
	Punch for Kn 6875 (as spare)	630202000

Dies

		Order no.
NEW	**Die for NIV18 LTX BL 1.6** ■ For processing sheet steel from 0.7 to 1.6 mm ■ For processing aluminium up to 2.0 mm sheet thickness	630247000*
	Die for Kn 6875 (as spare)	630203000

*Self-service packaging

Accessories for wall chasers

Diamond cutting discs

Diamond cutting discs »professional« / CP

- Powerful diamond cutting disc with segmented edge for aggressive, fast cutting of hard materials with very high cutting performance and very good tool life
- Particularly suited for all hard materials such as concrete (including reinforced), concrete pipes, kerbstones, hard sandstone, facing stones, exposed aggregate concrete thanks to special turbo segments
- Highest safety thanks to laser-welded diamond segments. Segment height 12 mm.

NEW

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
125 x 22,23	33 x 2,4 x 12	9	12.200	1	Cardboard box	628571000*
230 x 22,23	42 x 2,6 x 12	15	6.600	1	Cardboard box	628574000*

Diamond cutting discs »professional« / UP

- Powerful diamond cutting disc with segmented edge for aggressive, fast cutting of hard materials with high cutting performance and very good tool life
- Particularly suited for general construction/building materials such as concrete, exposed aggregate concrete, hard and soft sandstones, clay tiles
- Clean cutting edges and high cutting speed thanks to special short teeth segments
- Highest safety thanks to laser-welded diamond segments. Segment height 9 mm.

NEW

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
125 x 22,23	20 x 2,4 x 9	15	12.200	1	Cardboard box	628559000*
230 x 22,23	20 x 2,6 x 9	30	6.600	1	Cardboard box	628562000*

Diamond cutting discs

Our complete range of diamond cutting discs can be found in chapter 03 of this catalogue. We offer diamond cutting discs in all relevant diameters in different quality classes for all applications such as cutting of concrete, granite, tiles and other building materials.

*Self-service packaging

Processing of concrete, masonry and plaster

Diamond cutting disc »professional« / UP-T

- Fast and comfortable cutting of wall slots in different materials possible
- Highly reduced workload thanks to the intelligent system of interlacing arrangement of segments, since chisseling away of the centre is not required. Great time saving thanks to cutting in one step
- Reduction of dirt and dust, since the material is removed cleanly and completely from the slot
- Customised slots for individual lines, or for Ø 20 and 25 mm-empty pipes. Max. cutting width: 20 mm (2 rows 628298000) / 30 mm (3 rows 628299000)

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Packaging	Order no.
	125 x 22,23	18 x 7	20	12.200	1	Cardboard box	628298000*
	125 x 22,23	28,5 x 7	30	12.200	1	Cardboard box	628299000*

Further accessories for wall chasers

		Order no.
	Suction hose for MFE, Ø-35 mm ■ When using a second suction hose, the dust extraction device can be placed at a distance of up to 8 m from the work area ■ With bayonet fitting for connection to the extraction nozzle of wall chasers MFE 30, MFX 65 and MFE 65 Hose Length: 4 m Hose-Ø, internal: 33 mm Hose-Ø, internal: 40 mm Connection-Ø, internal: 58 mm Bayonet connection: yes Rotation compensation: both sides	630344000
	Guide rail ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: Metabo jigsaws, circular saws and routers models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 1,500 mm	631213000
	Coupling bush ■ Particularly suited for coarse dirt, as well as tools with high generation of dust ■ Suitable for power tools with an extraction connection with outer diameter of 40 mm ■ Conducts electricity Material: plastic External-Ø: 45 mm Internal-Ø: 40 mm	630796000*

Which machine and accessories for which application?

Areas of application			for small areas up to ~ 50 m²			for medium areas up to ~ 100 m²			for medium areas up to ~ 100 m²		for small areas up to ~ 50 m²		
Type			Renovation grinder RSEV 17-125			Renovation grinder RSEV 19-125 RT			Renovation milling machine RFEV 19-125 RT				
Accessories			Diamond cup wheel concrete "pro" Ø 125 mm	Diamond cup wheel abrasive "pro" Ø 125 mm	PCD cup wheel "pro" Ø 125 mm	Diamond cup wheel concrete "pro" Ø 125 mm	Diamond cup wheel abrasive "pro" Ø 125 mm	PCD cup wheel "pro" Ø 125 mm	Milling head flat tooth (complete) Ø 115 mm / M14	Milling head pointed tooth (complete) Ø 115 mm / M14	Diamond cup wheel concrete "pro" Ø 125 mm	Diamond cup wheel abrasive "pro" Ø 125 mm	PCD cup wheel "pro" Ø 125 mm
			Order no. 628205000	Order no. 628206000	Order no. 628208000	Order no. 628205000	Order no. 628206000	Order no. 628208000	Order no. 628219000	Order no. 628218000	Order no. 628205000	Order no. 628206000	Order no. 628208000
Concrete	Fresh concrete	■ Remove thick concrete layers ■ Floor preparation ■ Removal of lime washes and seams in formwork ■ Levelling of concrete	□	■		□	■			□	□	□	
	Old concrete/ very hard concrete > B35		■	□		■	□				□	□	
Adhesive	Tile cement	■ Grinding and removal / planing ready for further processing (on soft and hard surfaces)	□	■	□	□	■	□	□	■	□	■	□
	Elastic adhesive				■			■	□	■			■
Screed	Soft	■ Levelling	□	■		□	■		■	■	□	□	
	Hard		■	□		■	□				□	□	
Plaster	■ Removal/cutting of hard cement plaster and / or (cement lime plaster) with high sand content		■	□	■	■	□	■	□	■	■	□	■
	■ Grinding / removal of hard cement plaster		■	□	□	■	□	□	□	■	■	□	□
	■ Grinding / removal of hard plaster (cement lime finishing plaster)		□	□	□	□	□	□	□	■	□	□	□
	■ Grinding / removal of synthetic resin plaster		□	□	■	□	□	■	□	■	□	□	■
	■ Grinding / removal of lime plaster, gypsum plaster		□	■	□	□	■	□	■	□	□	■	□
	■ Removal of gypsum filler		□	■	□	□	■	□	■	□	□	■	□
Colour / coating	Latex colours and oil colours	■ Grinding and removal / planing ready for further processing (on soft and hard surfaces)	□		□	□		■	■	■	□		■
	Elastic protective coatings (concrete colour)		□		□	□		■	□	■	□		■
	Bitumen				□			■					■
	PU Polyurethane				□			■	■	□			■
	Epoxy		□		□	□		■	□	■	□		■
Natural stone / ceramic	Granite	■ Levelling of natural stone ■ Level grinding of natural stone, granite and other hard and very hard materials ■ Precise processing of edges without cracking	■	□		■	□				□	□	
	Ceramic		■	□		■	□				□	□	
	Marble		□	■		□	■				□	□	

□ Very suitable ■ Highly suitable

Accessories for renovation grinders

For hard materials, quality class concrete »professional«

- Particularly powerful diamond cup wheel
- Well suited for grinding of thick concrete layers, levelling of concrete and granite and other natural stones, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed
- Precise processing of edges without cracking
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Max. speed	Sales unit	Order no.
125 x 22,23	16	12.200	1	628205000*

For abrasive materials, quality class abrasive »professional«

- Particularly powerful diamond cup wheel
- Excellently suited for grinding of fresh concrete coatings, chalk and cement plaster, gypsum filler, levelling of fresh screed, removal of tile adhesive and processing of marble
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Max. speed	Sales unit	Order no.
125 x 22,23	16	12.200	1	628206000*

For protective concrete coatings, quality class »professional«

- Particularly powerful PCD special cup wheel
- Excellently suited for spot grinding and removal of elastic protective coatings, adhesives, sealants, removal of latex and oil paints, bitumen, PU/polyurethane, epoxy, elastic adhesive, for removal of lime plaster and gypsum plaster, abrading of resin plaster and hard cement plaster.
- Fast and effective removal without sticking due to PCD (poly-crystalline diamonds) segments
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Max. speed	Sales unit		Order no.
125 x 22,23	12	12.200	1		628208000*
150 x 22,23	15	10.200	1	NEW	628097000*

For hard materials, quality class concrete »classic«

- Powerful, double coated diamond cup wheel
- Well suited for grinding of thick concrete layers, levelling of concrete and granite and other natural stones, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Max. speed	Sales unit	Order no.
125 x 22,23	20	12.200	1	628209000*

Replacement brush rim

	Order no.
Replacement brush rim RS ■ Suitable for RS 14-125, RS 17-125, RSEV 19-125 RT	628214000*

*Self-service packaging

Accessories for renovation milling machines

Milling heads

	Order no.
Milling head pointed tooth complete ■ Milling head pointed tooth - contact face tipped with 10 carbide stars ■ For the removal of hard plaster, concrete, foam backing, adhesive remains, paint coatings on plaster, synthetic resin plaster, elastic protective coatings, plaster on beams and latex / oil paint on plaster ■ The subsurface is roughened by the pointed shape of the milling stars ■ Suitable for RFEV 19-125 RT	628218000*
Milling head flat tooth complete ■ Milling head flat tooth - contact face tipped with 10 carbide stars ■ For the removal of soft materials such as plaster, fresh ("green") concrete, foam backing and adhesive remains, soft PU coatings, paint coatings on plaster, plaster on wooden beams, latex / oil paint on plaster, formwork joints and concrete runs on fresh concrete areas ■ The subsurface becomes smooth thanks to the flat shape of the milling stars (pulling cut) ■ Suitable for RFEV 19-125 RT	628219000*

Milling stars

	Order no.
10 Milling stars, pointed tooth ■ For retrofitting the milling head of the RF 14-115 RFEV 19-125 RT ■ With 5 micro-encapsulated screws for safe fixing	628270000*
10 Milling stars flat tooth ■ For retrofitting the milling head of the RF 14-115 RFEV 19-125 RT ■ With 5 micro-encapsulated screws for safe fixing	628271000*

Replacement brush rim

	Order no.
Replacement brush rim RF ■ Suitable for RF 14-115/ RFEV 19-125 RT	628215000*

*Self-service packaging

SDS-max/SDS-plus: Quality classes

Metabo offers you three quality classes for drill bits and chisels: From simple applications, where a solid, robust quality drill bit is required, and applications with high demands, to extreme applications with highest demands for the tool used. This means: We have the right drill bit or chisel for you for any application.

»Classic«

Solid, robust and reliable. These characteristics perfectly describe »Classic« tools. »Classic« hammer drill bits have a carbide tip and a good tool life. The chisels of this class are characterised by high material quality and good material removal. They always provide good service for all standard applications.

»Professional« / »Pro 4«

»Professional«, is, when it comes to drillers, in short "Pro4". Drill bits and chisels in this class are of particularly high quality and have a long service life. Special hardened steel and special surface handling guarantee long tool life and fast progress when drilling and chiselling. For users with high demands, who want more than the usual.

»Professional Premium« / »Pro 4 Premium«

This is the pinnacle of accessories. It offers the maximum of features a tool can offer. These products have innovative features that achieve excellent work results even for demanding applications. »Professional Premium« chisels are self-sharpening for maximum breaking performance and longest tool life. »Pro 4 Premium« drill bits with 4 cutting edges in 4x90° geometry do not stop even when hitting reinforced concrete. For users with high demands for tools and machines.

SDS-plus Hammer drill bits

SDS-plus »Pro 4«: progress extremely fast

The special cutting edge geometry on the chisel-shaped bit head made of high quality carbide ensures quick penetration even into the toughest concrete and granite.

- **Highest drill speed** thanks to reduction in friction and improved impact transmission
- 2-spiral **helix with its large geometry with reinforced core (KVS).** The narrower cutting width geometry at the front edge and the reinforced relief and core at the rear additionally reduce friction whilst ensuring high resistance to breakage at the same time

- The **special cutting edge geometry** on the chisel-shaped drill head ensures deep penetration in hardest concrete and granite
- **Stable and durable centering point** for high-precision spot-drilling, no running across smooth surfaces

- **Power breakers** cause micro tears in the material for a noticeable quicker drill progress

SDS-plus »Pro 4 Premium«: break-proof and durable

The combination of an intelligent, innovative geometry with uncompromising quality right down to the last detail can be seen by the high level of durability, precise drilled holes and the extraordinarily quiet operation even under the toughest of conditions.

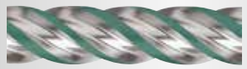
- **Innovative, unique, full carbide cutting edge geometry in optimum 4x90° symmetry** prevents catching when you come across reinforcements and ensures round holes
- **Power breakers** cause micro tears in the material for a noticeable quicker drill progress

- **up to Ø 12 mm: full carbide head** for even higher drill speed and longer service life

- **Ø 13-16 mm: single-piece carbide element** centering point for simple, accurate drilling

- **Ø from 18 mm: three-piece carbide element** centering point and wear marking on both sides of the main plate for simple, precise piloting and the evaluation of measured dowel holes

- **Low-vibration drilling with 4-spiral helix.** 2 large volume helixes remove the bore dust quickly and reliably from the drill hole, two reinforced spirals ensure additional safety and stability.



Carbide-tipped hammer drill bits, SDS plus »Classic«, 2 cutting edges

- SDS-plus drill bit with high-quality carbide drill tip
- Dynamic, chisel-shaped bit head
- Large-volume S-spiral geometry ensures quick drill dust removal
- Good drilling output with good tool life
- For use in concrete, masonry, natural stone

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	5	50	110	1	626172000*
	5	100	160	1	626173000*
	6	50	110	1	626174000*
	6	100	160	1	626175000*
	6	150	210	1	626176000*
	6	200	260	1	626177000*
	6	250	310	1	626178000*
	7	50	110	1	626179000*
	7	100	160	1	626180000*
	8	50	110	1	626181000*
	8	100	160	1	626182000*
	8	150	210	1	626183000*
	8	200	260	1	626184000*
	10	50	110	1	626185000*
	10	100	160	1	626186000*
	10	150	210	1	626187000*
	10	200	260	1	626188000*
	10	250	310	1	626189000*
	10	400	450	1	626190000*
	12	100	160	1	626191000*
	12	150	210	1	626192000*
	12	200	260	1	626193000*
	12	250	310	1	626194000*
	12	400	450	1	626195000*
	14	100	160	1	626196000*
	14	150	210	1	626197000*
	14	250	310	1	626198000*
	14	400	450	1	626199000*
	SDS-plus Classic drill bit set, 5 pieces in plastic storage case Ø 5, 6, 6, 8, 10 mm, L=160 mm				626243000*
	SDS-plus Classic drill bit set, 7 pieces in metal case Ø 5, 6, 6, 8, 10 mm, L=160 mm / Ø 6, 8, 10, 12 mm, L=160 mm				626244000*

Carbide-tipped hammer drill bit, SDS-plus »Pro 4«, 2 cutting edges

- Highest drill speed thanks to reduction in friction and improved impact transmission thanks to the special cutting geometry on the chisel-shaped drill head.
- Stable and durable centering point for high-precision spot-drilling
- Power breakers cause micro tears in the material for a noticeable quicker drill progress
- The probability of snagging on concrete reinforcements is significantly reduced thanks to enlarged armouring phases.
- The 2-spiral helix with its helical geometry with reinforced core ensures quick delivery of bore dust and maximum breakage resistance
- For use in concrete, masonry, natural stone, granite

	Diameter mm	Working length mm	Overall length mm	Sales unit		Order no.
	4	50	110	1		631780000*
	4	100	160	1	NEW	625158000*
	5	50	110	1		631820000*
	5	100	160	1		631821000*
	5	150	210	1		631864000*
	5	200	260	1		625256000*
	5	250	310	1		625257000*
	5	310	360	1		625258000*

*Self-service packaging

Diameter mm	Working length mm	Overall length mm	Sales unit		Order no.
5	400	460	1		625259000*
5,5	50	110	1		631822000*
5,5	100	160	1		631823000*
5,5	200	260	1		625249000*
5,5	250	310	1		625250000*
6	50	110	1		631824000*
6	100	160	1		631825000*
6	150	210	1		631826000*
6	200	260	1		631866000*
6	250	310	1	NEW	625157000*
6	400	460	1	NEW	625156000*
6,5	50	110	1		631827000*
6,5	100	160	1		631828000*
6,5	150	210	1		631879000*
6,5	200	260	1		631876000*
6,5	250	310	1		631868000*
6,5	350	400	1		631785000*
6,5	390	450	1	NEW	625119000*
7	50	110	1		631829000*
7	100	160	1		631830000*
7	150	210	1		631831000*
8	50	110	1		631832000*
8	100	160	1		631833000*
8	150	210	1		631834000*
8	200	260	1		631835000*
8	250	310	1		625229000*
8	340	400	1		625251000*
8	400	460	1		631788000*
8	540	600	1		631789000*
9	150	210	1		631836000*
9,5	250	310	1		625253000*
10	50	110	1		631837000*
10	100	160	1		631838000*
10	150	210	1		631839000*
10	200	260	1		631840000*
10	250	310	1		631841000*
10	390	450	1		630519000*
10	540	600	1		631793000*
10	940	1.000	1		631794000*
11	110	160	1		631842000*
11	210	260	1		631843000*
12	110	160	1		631844000*
12	160	210	1		631845000*
12	210	260	1		631846000*
12	310	360	1		625254000*
12	400	450	1		630526000*
12	550	600	1		630527000*
12	950	1.000	1		631797000*
13	110	160	1		631847000*
13	210	260	1		631848000*
14	110	160	1		631849000*
14	160	210	1		631850000*
14	210	260	1		631851000*
14	260	310	1		631852000*
14	400	450	1		631801000*
14	550	600	1		630528000*
14	950	1.000	1		631802000*
15	100	160	1	NEW	625149000*
15	210	260	1		631853000*
15	410	450	1		631803000*
16	110	160	1		631854000*
16	160	210	1		631855000*
16	210	260	1		625255000*
16	260	310	1		631856000*

Diameter mm	Working length mm	Overall length mm	Sales unit		Order no.
16	400	450	1		630531000*
16	550	600	1		630532000*
16	750	800	1		631804000*
16	950	1.000	1		631805000*
18	150	200	1		630533000*
18	250	300	1		631806000*
18	400	450	1		630589000*
18	550	600	1		631807000*
18	950	1.000	1		631808000*
20	150	200	1		630536000*
20	250	300	1		630590000*
20	400	450	1		630537000*
20	550	600	1		631809000*
20	950	1.000	1		631810000*
22	200	250	1		630538000*
22	400	450	1		630539000*
22	550	600	1		631811000*
22	950	1.000	1		631812000*
24	200	250	1		630540000*
24	400	450	1		630541000*
25	200	250	1		631814000*
25	400	450	1		630549000*
25	550	600	1		631815000*
25	950	1.000	1		631816000*
26	200	250	1		630542000*
26	400	450	1		630548000*
4	50	110	10		625230000*
4	100	160	10	NEW	625118000*
5	50	110	10		625231000*
5	100	160	10		625232000*
6	50	110	10		625233000*
6	100	160	10		625234000*
6	150	210	10		625235000*
6,5	100	160	10	NEW	625116000*
6,5	150	210	10	NEW	625069000*
6,5	200	260	10	NEW	625068000*
8	50	110	10		625236000*
8	100	160	10		625237000*
8	150	210	10		625238000*
8	200	260	10	NEW	625117000*
10	50	110	10		625239000*
10	100	160	10		625240000*
10	150	210	10		625241000*
10	200	260	10		625242000*
12	110	160	10		625243000*
12	160	210	10		625244000*
12	210	260	10		625245000*
14	110	160	10		625246000*
14	160	210	10		625247000*
14	210	260	10		625248000*
	SDS-plus Pro 4 drill bit set, 4 pieces in plastic storage case Ø 5, 6 mm, L = 50/110 mm; Ø 8,10 mm, L = 110/160 mm				630580000*
	SDS-plus Pro 4 drill bit set, 5 pieces in plastic storage case Ø 5, 6, 6, 8, 10 mm, L = 160 mm				630581000*
	SDS-plus Pro 4 drill bit set, 7 pieces in metal case Ø 5, 6, 6, 8, 8, 10, 12 mm, L = 110/160 mm				630584000*
	SDS-plus drill bit / chisel set , 5 pieces comprises each 1 hammer drill bit Ø 6, 8, 10 mm, 1 pointed chisel and 1 flat chisel				630477000*
	SDS-plus Pro 4 drill bits / chisel roll-up case, 10 pieces, set in roll-up case 2 x each: Ø 6 x 160; Ø 8 x 160; each 1 x: Ø 8 x 210; Ø 10 x 160; Ø 10 x 210; Ø 12 x 210 mm 1 x pointed chisel (L 200 mm), 1 x flat chisel (20 x 200 mm), incl. 1 x multi-tool				631690000

*Self-service packaging

Carbide-tipped hammer drill bits (ice drill) with SDS-plus shank end, 2 cutting edges

- For use in ice and snow
- Suitable for easy installation of slalom posts.
- Special helix for ice and snow.

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	32	400	450	1	630579000*

Carbide-tipped hammer drill bit, SDS-plus »Pro 4 Premium«, 4 cutting edges

- Intelligent geometry with its uncompromised quality of detail ensures a long service life, precise drill holes and maximum quiet running - even on the toughest loads.
- Highest level of safety thanks to the optimum symmetrical head geometry with 4 full carbide cutters, which do not catch when encountering reinforcing.
- Up to Ø 12 mm: with innovative, welded full carbide head for maximum tool life and larger dust outputs for highest drill speed
- Power breakers cause micro tears in the material for a noticeable quicker drill progress
- Low-vibration drilling with 4-spiral helix. 2 large volume helixes remove the bore dust quickly and reliably from the drill hole, two reinforced spirals ensure additional safety and stability.
- Extremely resistant to breakage thanks to high-grade special steel
- Very long tool life for up to 50% more dowel-compatible circular bores
- For professional use in masonry, concrete and armoured concrete

Diameter mm	Working length mm	Overall length mm	Sales unit		Order no.
5	50	115	1		626200000*
5	100	165	1		626201000*
5	150	215	1		626241000*
5,5	50	115	1		626202000*
5,5	100	165	1		626203000*
6	50	115	1		626204000*
6	100	165	1		626205000*
6	150	215	1		626206000*
6	200	265	1		626207000*
6	250	315	1		626208000*
6,5	100	165	1		626209000*
6,5	150	215	1		626210000*
6,5	200	265	1		626211000*
6,5	250	315	1		626212000*
6,5	400	465	1	NEW	626165000*
7	50	115	1		626213000*
7	100	165	1		626214000*
8	50	115	1		626215000*
8	100	165	1		626216000*
8	150	215	1		626217000*
8	200	265	1		626218000*
8	250	315	1		626237000*
8	400	465	1		626240000*
10	50	115	1		626219000*
10	100	165	1		626220000*
10	150	215	1		626221000*
10	200	265	1		626222000*
10	250	315	1		626223000*
10	390	455	1		626224000*
10	540	600	1		626117000*
12	100	165	1		626225000*
12	150	215	1		626226000*
12	200	265	1		626227000*
12	250	315	1		626228000*
12	400	455	1		626229000*
12	540	600	1		626118000*

Diameter mm	Working length mm	Overall length mm	Sales unit		Order no.
13	260	310	1		626124000*
14	110	160	1		626230000*
14	160	210	1		626231000*
14	210	260	1		626119000*
14	260	310	1		626232000*
14	400	450	1		626233000*
14	550	600	1		626120000*
15	160	210	1		626248000*
15	210	260	1		626121000*
16	110	160	1		626234000*
16	160	210	1		626235000*
16	210	260	1		626238000*
16	260	310	1		626236000*
16	400	450	1		626239000*
18	200	250	1		631703000*
18	400	450	1		631704000*
20	200	250	1		631705000*
20	400	450	1		631706000*
22	200	250	1		626122000*
22	400	450	1		631707000*
24	200	250	1		631708000*
24	400	450	1		631709000*
25	200	250	1		626123000*
25	400	450	1		631710000*
28	400	450	1		631711000*
30	400	450	1		631712000*
32	400	450	1		631713000*
5	50	115	10		626268000*
5	110	165	10		626269000*
6	50	115	10		626270000*
6	110	165	10		626271000*
6	150	215	10		626272000*
6	200	265	10	NEW	626247000*
6,5	165	215	10	NEW	626125000*
6,5	215	265	10	NEW	626126000*
6,5	315	265	10	NEW	626127000*
8	110	165	10		626273000*
8	150	215	10		626274000*
8	200	265	10	NEW	626128000*
10	110	165	10		626275000*
10	150	215	10		626276000*
12	100	165	10		626277000*
12	150	215	10		626278000*
12	200	265	10		626249000*
	SDS-plus Pro 4 Premium drill bit set, 7 pieces in robust plastic storage case Ø 5 x 115 mm; 6 x 115 mm; 8 x 115 mm; 6 x 165 mm; 8 x 165 mm; 10 x 165 mm; 12 x 160 mm				626245000*
	SDS-plus Pro 4 Premium drill bit set, 7 pieces Ø 5 x 160 mm; 6 x 210 mm; 6,5 x 210 mm; 6,5 x 260 mm; 8 x 260 mm; 10 x 260 mm; 12 x 260 mm				626246000*

Accessory sets can be found in chapter 31, from page 288

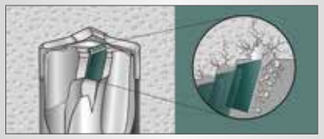
*Self-service packaging

SDS-max »Pro 4« hammer drill bit

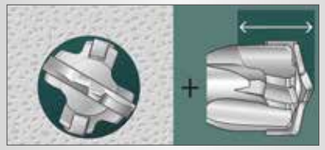
SDS-max »Pro 4«: Extremely fast in concrete

The extremely robust and aggressive full-carbide S-blade and suitable side cutters permit very fast drilling.

- Short head with **large-volume dust channels** for smooth transport of the drill dust, minimum generation of heat for constantly **long service life**



- Inclined auxiliary cutting edges for aggressive drilling progress with **highest drilling speed**

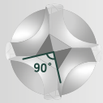


- **Drill-active centering point** for precise spot-drilling and optimum guidance when drilling in concrete and reinforced concrete
- **Innovative wear indication** as indicator for dimensional conformance and precise drilling hole diameter
- **Vibration Control** – ideal for the hardest applications on the construction site

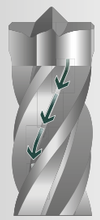
SDS-max »Pro 4« Premium: Highest drilling speed, longest service life

The extraordinarily strong and durable connection between steel body and the full-carbide drill head with 4 cutting edges guarantees extraordinarily high performance and tool life when drilling into reinforced concrete.

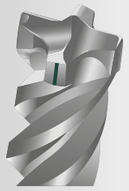
- Blade geometry - 90° centering point for precise spot drilling and little breakage at the edge of the drilled hole



- Fast dust removal, best possible drilling progress thanks to optimal removal of the drill meal via four real helixes



- Marking/wear indication:
  The visibility of the marking line indicates the precision of the drill diameter



Carbide-tipped hammer drill bit, SDS-max »Classic«, 4 cutting edges

NEW

- SDS-max drill bit with high-quality carbide drill tip
- 4 blades, vacuum-soldered and hardened for long service life
- Good drilling output with good tool life
- Large-volume S-spiral geometry ensures quick drill dust removal
- For use in concrete, masonry, natural stone

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
16	195	340	1	623116000*
16	395	540	1	623117000*
18	195	340	1	623118000*
18	395	540	1	623119000*
20	195	340	1	623120000*
20	395	540	1	623121000*
22	215	340	1	623122000*
22	415	540	1	623123000*
24	415	540	1	623124000*
25	415	540	1	623125000*
28	440	570	1	623128000*
30	440	570	1	623129000*
32	440	570	1	623130000*
35	435	570	1	623131000*
40	435	570	1	623132000*

Carbide-tipped hammer drill bit, SDS-max »Pro 4«, 2 cutting edges

- The slim, chisel-shaped bit head enables fast penetration into the selected material.
- Short spiral inlets and large boring dust grooves in the optimised double delivery helix ensure quick boring dust discharge.
- The continuous core reinforcement ensures stability and durability. It enables maximum energy transmission from rotary hammer to drill tip.
- For use in concrete, masonry, natural stone

	Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
	12	200	340	1	623310000*
	12	400	540	1	623311000*
	12	600	740	1	623312000*
	14	200	340	1	623313000*
	14	400	540	1	623314000*
	15	200	340	1	623315000*
	15	400	540	1	623316000

Carbide-tipped hammer drill bit, SDS-max »Pro 4«, 4 cutting edges

- Unrivalled destructive force: Extremely robust and aggressive solid carbide S-blade
- Constant high lifetime: Short head with large-volume dust channels for smooth transport of the drill dust, minimum generation of heat
- Highest drilling speed: Inclined auxiliary cutting edges for aggressive drill progress
- Optimum centring: Drill-active centering point for optimum guidance when drilling in concrete and armoured concrete
- Precise drilling hole diameters: innovative wear indication (indicator for dimensional conformance)
- Vibration Control: optimised vibration values - ideal for the hardest applications on the construction site
- For use in concrete, masonry, natural stone

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
16	200	340	1	623317000*
16	400	540	1	623318000*
16	1.200	1.320	1 NEW	623823000*

*Self-service packaging

Diameter mm	Working length mm	Overall length mm	Sales unit		Order no.
18	200	340	1		623319000*
18	400	540	1		623320000*
18	1.200	1.320	1	NEW	623824000*
20	200	320	1		623321000*
20	400	520	1		623322000*
20	800	920	1		623323000*
20	1.200	1.320	1	NEW	623825000*
22	200	320	1		623324000*
22	400	520	1		623325000*
22	800	920	1		623326000*
22	1.200	1.320	1	NEW	623826000*
24	200	320	1		623327000*
24	400	520	1		623328000*
25	200	320	1		623329000*
25	400	520	1		623330000*
25	800	920	1		623331000*
25	1.200	1.320	1	NEW	623827000*
28	400	520	1		623333000*
28	600	720	1		623334000*
28	1.200	1.320	1	NEW	623828000*
30	400	520	1		623339000*
32	200	320	1		623340000*
32	400	520	1		623341000*
32	800	920	1		623342000*
32	1.200	1.320	1	NEW	623829000*
35	400	520	1		623344000*
35	600	720	1		623345000*
35	1.200	1.320	1	NEW	623830000*
38	400	520	1		623347000*
40	400	520	1		623349000*
40	600	720	1		623350000*
40	1.200	1.320	1	NEW	623831000*
45	400	520	1		623337000*
52	400	520	1		623338000*

Carbide hammer drill bit, SDS-plus »Pro 4 Premium«, 4 cutting edges

SICHERSAFE

NEW

- Extremely robust and aggressive full carbide bit head, 4 cutting eges for extraordinary service life and tool life in strong concrete
- The wear marking on both sides of the main plate serves as indicator to evaluate the dimensional conformance of the dowel holes.
- The 4-spiral helical geometry ensures low-vibration drilling behaviour and low spiral wear
- 90° centering point for precise spot drilling and little breakage at the edge of the drilled hole
- Ideal for use in reinforced concrete and hard natural stone

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
12	200	340	1	623193000*
12	400	540	1	623194000*
12	800	940	1	623211000*
14	200	340	1	623212000*
14	400	540	1	623213000*
14	800	940	1	623214000*
16	200	340	1	623215000*
16	400	540	1	623216000*
16	600	740	1	623218000*
16	800	940	1	623219000*
18	200	340	1	623228000*
18	400	540	1	623229000*
18	600	740	1	623230000*
18	800	940	1	623231000*
20	200	320	1	623232000*

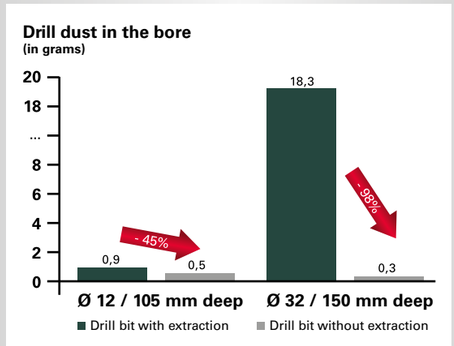
Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
20	400	520	1	623233000*
20	600	720	1	623235000*
20	800	920	1	623236000*
22	200	320	1	623237000*
22	400	520	1	623238000*
22	600	720	1	623239000*
22	800	920	1	623240000*
24	200	320	1	623241000*
24	400	520	1	623242000*
25	200	320	1	623243000*
25	400	520	1	623245000*
25	800	920	1	623249000*
26	400	520	1	623252000*
28	200	320	1	623253000*
28	400	520	1	623255000*
28	800	920	1	623256000*
30	200	320	1	623217000*
30	400	520	1	623257000*
32	200	320	1	623263000*
32	400	520	1	623264000*
32	800	920	1	623268000*

*Self-service packaging

SDS-plus / SDS-max dust extraction drill bits

- **Drilling and cleaning in one work step** reduces the dust exposure and reworking
- **Greatest reinforcement compatibility**, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets
- **Noticeably fast drilling progress** thanks to optimal drill dust removal
- **Innovative head design** with greatest concentricity for precise dowel holes

- **Active drill bit cooling** for long service life
- **Dust-free drilling** for compliance with legal provisions on user safety. Up to 98% less dust in the bore
- **Universal vacuum cleaner adapter** fits all standard industrial M-class and H-class vacuum cleaners



Kindly observe the installation instructions of the manufacturer when using the chemical installations

SDS-plus and SDS-max dust extraction drill bits

Carbide dust extraction drill bit, SDS-plus

- Drilling and cleaning in one work step reduces dust exposure and reworking
- Greatest reinforcement compatibility, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets
- Noticeably fast drilling progress thanks to optimal drill dust removal
- Innovative head design with greatest concentricity for precise dowel holes
- Active drill bit cooling for long service life
- Dust-free drilling for compliance with legal provisions on user safety. Up to 98% less dust in the bore
- Universal vacuum cleaner adapter fits all standard industrial M and H class vacuum cleaners

Kindly observe the installation instructions of the manufacturer when using the chemical installations

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
12	200	325	1	626902000*
14	240	360	1	626903000*
16	240	360	1	626904000*
18	240	360	1	626905000*

Carbide dust extraction drill bit, SDS-max

- Drilling and cleaning in one work step reduces dust exposure and reworking
- Greatest reinforcement compatibility, no sagging or clogging thanks to 4-blade-geometry with extra large dust outlets
- Noticeably fast drilling progress thanks to optimal drill dust removal
- Innovative head design with greatest concentricity for precise dowel holes
- Active drill bit cooling for long service life
- Dust-free drilling for compliance with legal provisions on user safety. Up to 98% less dust in the bore
- Universal vacuum cleaner adapter fits all standard industrial M and H class vacuum cleaners

Kindly observe the installation instructions of the manufacturer when using the chemical installations

Diameter mm	Working length mm	Overall length mm	Sales unit	Order no.
16	400	600	1	626911000*
18	400	600	1	626912000*
20	400	600	1	626913000*
22	400	600	1	626914000*
24	400	600	1	626915000*
25	400	600	1	626916000*
28	400	600	1	626917000*
28	700	900	1	626918000*
30	400	600	1	626919000*
30	700	900	1	626920000*
32	400	600	1	626921000*
32	700	900	1	626922000*
35	400	600	1	626923000*
35	700	900	1	626924000*

Replacement adapter for dust extraction drill bit

NEW

Replacement adapter for SDS-plus dust extraction drill bit
Adapter for use with the SDS-plus dust extraction drill bits — 626925000

NEW

Replacement adapter for SDS-max dust extraction drill bit
Adapter for use with SDS-max dust extraction drill bits — 626926000

*Self-service packaging

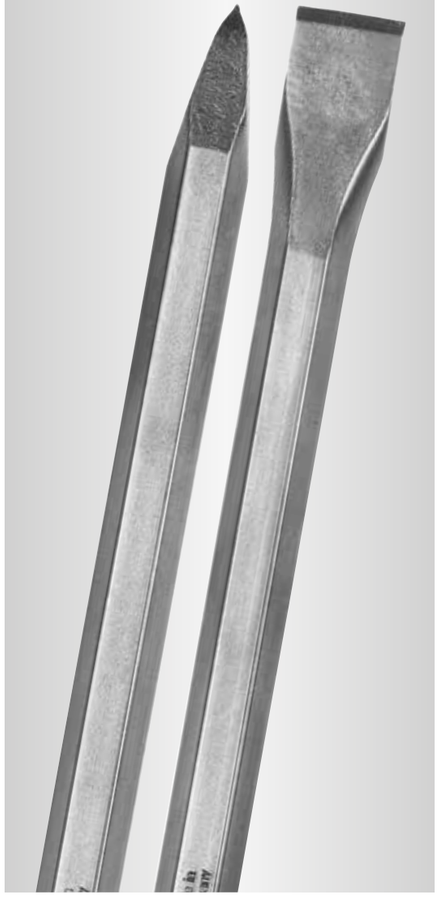
Hammer drill bits and chisel bits

Chisel SDS-plus / SDS-max

Chisels »professional«

Longest service life and versatility

- Use of high-grade heat-treated steel
- Special processing and hardening procedure, also suitable for re-sharpening
- Extensive range with chisels for many special applications such as channel chisels or stake drivers



Chisels »professional premium«

Maximum service life and material removal

- Self-sharpening cutting edges for highest breaking performance
- Maximum removal thanks to efficient impact transmission and additional cutting edges
- The innovative head shape reliably prevents wedging
- Special hardened steel and special surface handling ensure longest tool life and productive operation.

Chisel, SDS-plus »classic«

- Robust, hardened tools with high material quality
- Good cutting output with good tool life

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel	250		1	628406000*
	Flat chisel	250	20	1	628407000*
	Scaling chisel	250	40	1	628408000*
NEW	**SDS-plus chisel bit set »classic«, 3 pieces** comprising each 1 pointed chisel, 1 flat chisel and 1 scaling chisel				628412000*

Chisel, SDS-plus »professional«

- Special hardened steel and special surface treatment ensure a long tool life and productive operation
- For use in concrete, masonry, natural stone

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel, round tip	250		1	630992000*
	Pointed chisel, square tip	250		1	631421000*
	Pointed chisel, square tip	250		10	631387000
	Flat chisel	250	20	1	631420000*
	Flat chisel	250	20	10	631388000
	Scaling chisel	250	40	1	631425000*
	Tile chisel, offset	165	75	1	631449000*
	Tile chisel, offset	250	40	1	631456000*
	Chasing gouge	250	22	1	631422000*
	Mortar chisel, car-bide-tipped	200		1	631424000*
	SDS-plus chisel set , 3 pieces comprising each 1 pointed chisel, 1 flat chisel and 1 scaling chisel				630478000
	SDS-plus chisel set , 5 pieces comprising each 2 pointed chisels, 2 flat chisels and 1 scaling chisel				630484000

Chisel, SDS-plus »professional premium«

- Self-sharpening cutting edges for highest breaking performance
- Maximum removal thanks to efficient impact transmission and additional cutting edges
- The innovative head shape reliably prevents wedging
- Special hardened steel and special surface handling ensure longest tool life and productive operation.

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel	250		1	629178000*
	Flat chisel	250	20	1	629179000*

*Self-service packaging

Chisel, SDS-max »classic«

- Robust, hardened tools with high material quality
- Good cutting output with good tool life

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel	400		1	628409000*
	Flat chisel	400	25	1	628410000*
	Sealing chisel	400	50	1	628411000*
NEW	**SDS-max chisel set, »classic«, 3 pieces** comprising each 1 pointed chisel, 1 flat chisel and 1 scaling chisel				628413000*

Chisel, SDS-max »professional«

- Special hardened steel and special surface handling ensure long tool life and productive operation.

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel, round tip	280		1	623351000*
	Pointed chisel, round tip	400		1	623352000*
	Pointed chisel, round tip	400		10	623463000
	Pointed chisel, round tip	600		1	623358000*
	Flat chisel	280	25	1	623353000*
	Flat chisel	400	25	1	623354000*
	Flat chisel	400	25	10	623464000
	Flat chisel	600	25	1	623359000*
	Sealing chisel	400	50	1	623355000*
	Sealing chisel	300	80	1	623356000*
	Sealing chisel	350	115	1	623366000*
	Chasing gouge	300	26	1	623357000*
	Channel chisel	300	32	1	623365000*
	Tile chisel, offset	400	50	1	623367000*
	Toothed chisel	300	32	1	623368000*
	Mortar chisel	300	10	1	623369000
	Spade chisel	400	110	1	623383000
	Asphalt cutter	400	90	1	623384000
	Gouge chisel	380	35	1	623385000
	Stake driver	260	16,5	1	623386000*
	Stake driver	260	13	1	623387000*
	SDS-max chisel set, 5 pieces comprising each 2 pointed chisels, 2 flat chisels and 1 scaling chisel				630488000
	SDS-max chisel set, 5 pieces Comprising 3 pointed chisels, 2 flat chisels				630489000

Accessory sets can be found in chapter 31, from page 288

*Self-service packaging

Chisel, SDS-max »professional premium«

- Self-sharpening cutting edges for highest breaking performance
- Maximum removal thanks to efficient impact transmission and additional cutting edges
- The innovative head shape reliably prevents wedging
- Special hardened steel and special surface handling ensure longest tool life and productive operation.

	Chisel shape	Overall length mm	Cutting width	Sales unit	Order no.
	Pointed chisel	400		1	629180000*
	Flat chisel	400	25	1	629181000*

SDS-max concrete core cutters

Carbide-tipped concrete core cutters (single piece) with SDS-max shank bit

- Optimised pilot drill with 3 cutting edges for greatest compatibility with reinforcements
- Conically designed shank for optimum power transmission and low-vibration drilling
- 3 large spirals for fast drilling progress and faster dust discharge
- Ideal for drilling into hard materials.

Diameter mm	Overall length mm	Order no.
45	550	623375000*
45	990	623376000*
55	550	623377000*
55	990	623378000*
65	550	623379000*
65	990	623380000*
80	550	623381000*
80	990	623382000*

Core bits

Carbide core bits with ratio thread

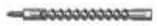
- Sturdy universal tool for hard work in concrete and other building materials

Diameter mm	Working length mm	Order no.
50	100	623034000*
68	100	623035000*
80	100	623036000*
100	100	623032000*
125	100	623031000*

Carbide pilot drills with ratio thread

		Order no.
	Pilot drill 12 x 155 mm ■ For working with the carbide core bits with ratio thread Diameter: 12 mm	623038000
	Connector ■ Connector with ratio female thread and SDS-max shank end, length 195 mm, for the arbor 623299000 of concrete core bits and for mounting core bits with the help of the pilot drill 623038000	623370000*

Arbor for carbide concrete core bits with ratio thread

	Overall length mm	Order no.
	280	623299000*

Carbide core bits with M 16 female thread

- Optimised with larger carbide teeth for longer tool life. Higher power efficiency due to stable, thin-walled bit body.
- For concrete, masonry, natural stone and limestone

Diameter mm	Working length mm	Order no.
30	55	623391000*
35	55	623392000*
40	55	623393000*
50	55	623394000*
68	55	623395000*
82	55	623396000*
100	55	623398000*
112	55	623399000*

Arbors with M16 male thread

- Set with Allen key for locking the pilot drill 627040000.
- For impact operation with light core cutters
- Also suitable for use with "Pioneer" universal hole saws.

		Order no.
	Arbor Shaft type: SDS plus Overall length: 105 mm	627043000*
	Arbor Shaft type: SDS plus Overall length: 220 mm	627042000*
NEW	**Arbor** Shaft type: SDS plus Overall length: 370 mm	625224000*
	Arbor Shaft type: SW11 Overall length: 90 mm	627041000*

Pilot drill, carbide-tipped

		Order no.
	Pilot drill ■ For work with the carbide core cutters (M16 female thread) and the universal hole saws "Pionier" (M16 female thread) in combination with one of the arbors Diameter: 8 mm Overall length: 120 mm	627040000*

Diamond socket countersink

For general building materials, quality class »professional«

- Ideal for all hard materials, general construction/building site materials such as concrete, exposed aggregate concrete, sand-lime brick, bricks, masonry.
- Segment height: 5.0 mm
- For drilling without impact
- M16 female thread

Diameter mm	Segment height mm	Sales unit	Order no.
68	5	1	628095000
82	5	1	628096000

Hammer drill bits and chisel bits

Pilot drill, carbide-tipped

		Order no.
	Pilot drill ■ For work with the diamond socket countersinks (M16 female thread) in combination with one of the arbors Diameter: 8 mm Overall length: 130 mm	628207000*

Integral chucks for rotary hammers

Hammer chuck with adapter

		Order no.
	SDS-plus hammer chuck ■ For tools with SDS-plus shank end ■ Suitable for UHE 22, UHE 28 Multi, BHE 24, BHE 26, KHE 26 Contact, KHE 28	631920000*
	SDS-plus hammer chuck ■ For tools with SDS-plus shank end ■ Suitable for KHE 32	631922000*
	SDS-plus hammer chuck ■ For tools with SDS-plus shank end ■ Suitable for: UHE 2250/2650/ KHE 2650/2850/2851	631928000*
	SDS-plus hammer chuck ■ For tools with SDS-plus shank end ■ Suitable for UHE 28 Plus, KHE 28 Plus	631931000*
	SDS-plus hammer chuck ■ For tools with SDS-plus shank end ■ Suitable for KHE 2660 Quick, KHE 2860 Quick, UHE 2660-2 Quick, UHEV 2860-2 Quick, KHE 3251, KHA 36 LTX, KHA 36-18 LTX 32, KHA 18 LTX BL 24	631943000*

Chucks with adapter

		Order no.
	Geared chucks with adapter ■ For tools with cylindrical shank end ■ Suitable for UHE 22, UHE 28 Multi, BHE 24, BHE 26, KHE 26 Contact, KHE 28 Chuck capacity: 1 - 13 mm	631924000*
	Keyless chuck with adapter ■ For tools with cylindrical shank end ■ Suitable for UHE 22, UHE 28 Multi, BHE 24, BHE 26, KHE 26 Contact, KHE 28 Chuck capacity: 1.5 - 13 mm	631921000*
	Keyless chuck with adapter ■ For tools with cylindrical shank end ■ Suitable for UHE 28 Plus, KHE 28 Plus Chuck capacity: 1.5 - 13 mm	631930000*
	Keyless chuck with adapter ■ For tools with cylindrical shank end ■ Suitable for KHE 32 Chuck capacity: 1 - 13 mm	631923000*
	Keyless chuck with adapter ■ For tools with cylindrical shank end ■ Suitable for UHE 2250/2850, KHE 2650/2851 Chuck capacity: 1.5 - 13 mm	631927000*
	Keyless chuck with adapter ■ For tools with cylindrical shank end ■ Suitable for KHE 2660 Quick, KHE 2860 Quick, UHE 2660-2 Quick, UHEV 2860-2 Quick, KHE 3251, KHA 36 LTX, KHA 36-18 LTX 32, KHA 18 LTX BL 24 Chuck capacity: 1.5 - 13 mm	631968000*

*Self-service packaging

more accessories

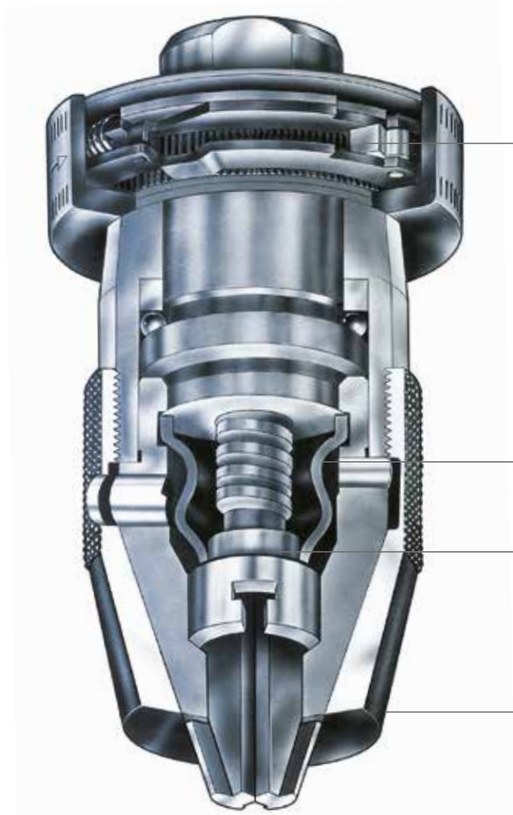
		Order no.
	Connector ■ With thread 1/2"-20 UNF. Holder: SDS-plus, 1/2"- 20 UNF	630928000*
	Connector ■ With 1/2"-20 UNF thread for chuck and hexagon recess 1/4" (6.35 mm) for screwdriver bits with bit retaining bush Holder: SDS-plus, 1/2"- 20 UNF	631285000*
	Bit retaining bush for connector 631285000 For fitting bits and sockets with 1/4" (6.35 mm) hexagon in the spindle of drills and impact drills with spindle thread 1/2"-20 UNF and hexagon recess 1/4" (6.35 mm). Also suitable for connectors 630928000 and 631285000.	631281000*
	Connector ■ Connector from SDS-max to SDS-plus to enable use of SDS-plus drill bits/chisels Holder: SDS-max, SDS-plus	623371000*
	Connector ■ Connector with ratio female thread and SDS-max shank end, length 195 mm, for the arbor 623299000 of concrete core bits and for mounting core bits with the help of the pilot drill 623038000 Holder: SDS-max, ratio female thread	623370000*
 NEW	**Extraction set ESA for SDS-max hammers** ■ For drilling and chiselling - with different attachments drill bits from Ø 16-52 mm, pointed and flat chisel up to 25 mm ■ Tool-free installation - drill bit and chisel can be removed without detaching the extraction system ■ Compatible with all new Metabo SDS-max hammers in connection with all Metabo M- and H-vacuum cleaners ■ External dust extraction Drill bit-Ø: 16 - 52 mm	623271000
 NEW	**ESA plus extraction set for all Metabo SDS-plus hammers** ■ For drilling Ø 5-32 mm ■ Flexible 360° dust cap, adjustment to 160 mm and 210 mm drill bit ■ Compatible with all new Metabo SDS-plus hammers in connection with all Metabo M- and H-vacuum cleaners ■ External dust extraction Drill-Ø: 5 - 32 mm	623770000*
	Vacuum cleaner adapter DDE 14 ■ Vacuum cleaner adapter for extracting drilling dust at the hole entry point ■ Safe and dust-free drilling in walls and ceilings ■ By virtue of the 2-chamber system and the foam rubber gasket it stays attached to almost all (even uneven) surfaces, such as plaster, natural stone and woodchip wallpaper. Minimal drill dust residue at walls and wallpapers. ■ The adapter is put on the existing suction hose. The negative pressure of the vacuum cleaner keeps the adapter to the respective subsurface. Drill Ø: 4 - 14 mm	630829000*
	Vacuum cleaner adapter DDE 72 Features see above Drill Ø: 72 mm	631343000*
	ISA 18 LTX 24 Integrated Dust Extraction ■ Extremely light and compact dust extraction for dust-free drilling in concrete, stone and masonry ■ Simple, tool-free installation to the cordless hammer KHA 18 LTX BL 24 Quick ■ Ideal for working overhead or in areas sensible to dust ■ Health-friendly working with HEPA filter for smallest dust particles ■ Precise setting for different drilling depths and drill bit lengths ■ Tool-free replaceable suction head with low-wear brushes ■ 3 Second delay to extract the remaining dust from the drill hole ■ Transparent collection container can be emptied easily, e.g. for 160 bores Ø 6 / 40 mm ■ 100% Drilling performance with active dust extraction thanks to being driven by own motor Drill bit-Ø: 5 - 16 mm Max. drill bit length: 160 mm Rated input power: 65 W Weight: 1.1 kg Scope of delivery: replacement extraction head, Metaloc II	631341840
	ISA 18 LTX 24 Integrated Dust Extraction Scope of delivery: replacement extraction head	631341890

*Self-service packaging

		Order no.
	Extraction head set, 2 pieces for ISA 18 LTX ■ Original suction head for highest suction performance with the ISA 18 LTX	623767000
	HEPA FIlter for ISA 18 LTX ■ HEPA filter for highest health protection ■ Keeps back 99.995% of fine dusts larger than 0.3 µm	623768000
	Special grease ■ For shank ends of hammer drill bits, chisels, adapters etc.; prevents friction and wear coefficient; bio-degradable ■ High durability, high resistance to heat, high anti-corrosion properties	631800000
	Metabo VibraTech (MVT) side handle ■ Suitable for UHE 28 Plus, KHE 28 Plus	631595000

Chucks:
Precise fit and long service life.

Simple handling, secure fit and long service life are the quality factors of a quality chuck. The Metabo Futuro Top chucks have a spring-loaded bit clamping mechanism for precise fit, and the hardened and ground components (clamping jaws, guide sleeve and the chuck body) of the chuck ensure a long service life and precise working.



Metabo Futuro Top keyless chuck

Spring-loaded safety feature
To ensure secure grip of the drill bit, even in the most demanding continuous mode of 62,000 strokes/min.

Dual dust protection
Any dust that gets between the jaw guide and the rubber bellow is ejected through the openings in the chuck sleeve.

A hard-wearing, oil-resistant rubber bellows system protects the thread and the precision press fit from contamination.

Precise fitting parts and a long service life
All of the heavily used parts of the chuck are hardened. The clamping jaws, the guide sleeves and the chuck body have a ground finish.

Easy to use
The chuck can be opened easily and conveniently even after it has been used for tough drilling or impact drilling jobs.

Warranty for optimal quality
More than 30 inspection points monitor the manufacture of the individual parts.

After assembly, each chuck is checked thoroughly for concentric operation and functional safety.

Chucks

Keyless chucks, impact-proof

	Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
	Futuro Top keyless chucks, R ■ The first impact-proof keyless chuck, with integrated spring-loaded bit clamping mechanism and dual dust protection ■ Keyless for quick tool change ■ Firm grip of clamped tools even under the toughest loads ■ The oil-resistant, hard-wearing rubber bellows system protects the thread and the precision press fit from dust and dirt ■ For clockwise rotating drills only					
	1 - 10	3/8"-24 UNF	42,8	77	0,35	636215000
	1 - 10	1/2"-20 UNF	42,8	77	0,35	636216000
	1 - 10	B12	42,8	77	0,35	636217000
	1 - 13	3/8"-24 UNF	42,8	89	0,5	636225000
	1 - 13	1/2"-20 UNF	42,8	89	0,5	636226000
	1 - 13	B16	42,8	103	0,6	636227000
	3 - 16	5/8" - 16 UN	50	113	1	636241000
	3 - 16	B16	50	113	1	636242000
	3 - 16	B18	50	113	1	636243000
	1 - 10	1/2"-20 UNF	42,8	77	0,35	636601000*
	1 - 13	1/2"-20 UNF	42,8	89	0,5	636602000*
	Futuro Plus keyless chucks S1 M, R+L ■ Special design for impact drills with spindle stop ■ Sturdy version with metal sleeve ■ Single sleeve (without supporting ring) ■ Keyless for quick tool change ■ Impact-proof version ■ Drills through using locking screw for clockwise and anti-clockwise operating machines ■ With spanner flat for assembly and disassembly					
	1,5 - 13	1/2"-20 UNF	42,9	72,4	0,3	636621000*
	Chuck display ■ Contents: 6 pieces Futuro Plus S1M (636621000) 13 mm, 1/2" in counter display					636625000*
	Futuro Plus keyless chucks S1, R + L ■ Specially developed for lightweight impact drills with spindle stop ■ Plastic sleeve ■ Single sleeve (without supporting ring) ■ Keyless for quick tool change ■ Impact-proof version ■ Drills through using locking screw for clockwise and anti-clockwise operating machines ■ With spanner flat for assembly and disassembly					
	1 - 10	3/8"-24 UNF	42,7	61	0,2	636615000*
	1 - 10	1/2"-20 UNF	42,7	61	0,2	636616000*
	1,5 - 13	1/2"-20 UNF	42,7	72,4	0,2	636617000*
	Futuro Plus keyless chucks S2 M, R + L ■ Specially developed for impact drills ■ Sturdy design with metal sleeve. Version 636619000 with hardened carbide jaws ■ Double sleeve with radial locking for secure tool clamping ■ Keyless for quick tool change ■ Impact-proof version ■ Drills through using locking screw for clockwise and anti-clockwise operating machines ■ With spanner flat for assembly and disassembly					
	1,5 - 13	1/2"-20 UNF	42,9	72,4	0,3	636620000*
	1,5 - 13	1/2"-20 UNF	42,9	72,4	0,3	636619000*
	Chuck display ■ Contents: 6 pieces Futuro Plus S2M (636620000) 13 mm, 1/2" in counter display					636624000*

*Self-service packaging

Futuro Plus keyless chucks S2, R + L
- Specially developed for lightweight impact drills
- Plastic sleeve
- Double sleeve with radial locking for secure tool clamping
- Keyless for quick tool change
- Impact-proof version
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
1 - 10	3/8"-24 UNF	42,8	61	0,2	636612000*
1 - 10	1/2"-20 UNF	42,8	61	0,2	636613000*
1,5 - 13	1/2"-20 UNF	42,8	72,4	0,2	636614000*

Keyless chucks, not impact-proof

Futuro R keyless chucks
- Keyless clamping of insertion tools to hand-held and fixed drills
- The chuck readjusts its tension to match the increasing cutting pressure on the cutting bit
- The chuck can be opened easily by hand even after the toughest drilling jobs
- For maximum load
- For clockwise rotating drills only
- Not impact-proof

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
1 - 10	3/8"-24 UNF	37,5	77	0,35	636321000
1 - 10	1/2"-20 UNF	37,5	77	0,35	636322000
1 - 10	B12	37,5	77	0,35	636323000
1 - 10	B16	40,5	103	0,6	636333000
1 - 13	3/8"-24 UNF	40,5	89	0,6	636341000
1 - 13	1/2"-20 UNF	40,5	89	0,6	636342000
1 - 13	B16	40,5	103	0,6	636343000
1 - 13	1/2"-20 UNF	47,5	111	0,8	636351000
1 - 13	B16	47,5	111	0,8	636353000
1 - 13	J6	47,5	111	0,8	636356000
3 - 16	5/8"-16 UN	50	113	1	636361000
3 - 16	B16	50	113	1	636362000
3 - 16	B18	50	113	1	636363000
3 - 16	J6	50	113	1	636364000

Futuro Plus keyless chucks H2, R + L
- Specially developed for cordless and lightweight drills
- Plastic sleeve
- Double sleeve with supporting ring for firm grip of tools
- Keyless for quick tool change
- Not impact-proof
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
1 - 10	3/8"-24 UNF	42,7	61	0,2	636518000*
1 - 10	1/2"-20 UNF	42,7	61	0,2	636519000*
1,5 - 13	1/2"-20 UNF	42,7	72,4	0,2	636520000*

Guide for chuck designations:

B = conical
J = Jacobs
S = impact-proof
1 or 2 = number of sleeves
M = metal version
R = for clockwise rotation
R+L = for clockwise and anticlockwise rotation

Futuro Plus keyless chucks H1, R + L
- Special design for drills with spindle stop
- Plastic sleeve
- Single sleeve without supporting ring
- Keyless for quick tool change
- Not impact-proof
- Drills through using locking screw for clockwise and anti-clockwise operating machines
- With spanner flat for assembly and disassembly

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Order no.
1 - 10	1/2"-20 UNF	40	49	0,15	636219000*
1 - 10	3/8"-24 UNF	42,7	61	0,2	636515000*
1,5 - 13	1/2"-20 UNF	42,7	72,4	0,2	636517000*
1,5 - 13	1/2"-20 UNF	42,7	61	0,2	636609000*

Geared chucks, impact-proof

Geared chucks with key, clockwise rotation
- Tried and tested 1000 times
- The chuck for every type of job
- With female thread or female taper for hand-held or fixed drills as well as for hand-held impact drills
- The clamping force remains constant during drilling and impact drilling
- For clockwise rotating drills only

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Key size	Order no.
0,5 - 6,5	3/8"-24 UNF	30	53	0,17	1	635008000*
1 - 10	3/8"-24 UNF	33,3	61	0,21	2	635019000
1 - 10	1/2"-20 UNF	33,3	61	0,2	2	635072000*
1,5 - 13	3/8"-24 UNF	42,5	74	0,32	2	635033000
1,5 - 13	1/2"-20 UNF	42,5	74	0,31	2	635302000*
1,5 - 13	B16	42,5	78	0,35	2	635036000*
3 - 16	1/2"-20 UNF	50	87,5	0,6	3	635054000
3 - 16	5/8"-16 UN	50	87,5	0,59	3	635056000
3 - 16	B16	50	86	0,64	3	635050000*
3 - 16	B18	50	94,5	0,63	3	635049000
5 - 20	B22	65	113	0,75	4	635058000

Geared chucks with key, R + L
- Tried and tested 1000 times
- The chuck for every type of job
- With female thread or female taper for hand-held or fixed drills as well as for hand-held impact drills
- The clamping force remains constant during drilling and impact drilling
- Drills through using locking screw for clockwise and anti-clockwise operating machines

Clamping width mm	Female thread	Outer Ø mm	Length (closed) mm	Weight kg	Key size	Order no.
1 - 10	3/8"-24 UNF	33,3	61	0,17	2	635254000*
1 - 10	1/2"-20 UNF	33,3	61	0,17	2	635252000*
1,5 - 13	3/8"-24 UNF	42,5	74	0,31	2	635255000*
3 - 16	5/8"-16 UN	50	87,5	0,6	2	635253000*
1,5 - 13	1/2"-20 UNF	42,5	74	0,32	2	635304000*

*Self-service packaging

Chuck accessories

Spare chuck keys

- Gearing according to DIN
- For all geared chucks

Key size	Spigot Ø D mm	Shaft length L mm	Order no.
1	4	30	635165000*
2	6	42	635167000*
3	8	50	635168000*
4	9	55	635169000*

Morse tapers for chucks

- Hardened and ground
- For chuck with female taper
- According to DIN 238

Outer morse taper Ø	Chuck cone	Overall morse taper length mm	Weight kg	Order no.
MK 1	B 12	89	0,065	635104000
MK 1	B 16	97	0,09	635105000
MK 2	B 12	106,5	0,135	635114000
MK 2	B 16	110,5	0,16	635115000
MK 2	B 18	117,5	0,18	635116000
MK 3	B 16	134	0,31	635125000
MK 3	B 18	141	0,32	635126000
MK 3	B 22	147	0,39	635128000
MK 4	B 16	159	0,625	635132000
MK 4	B 18	168	0,66	635133000

Reducing inserts

- Standard type
- Similar to DIN 2185
- Ground male taper

Outer morse taper Ø	Internal morse taper Ø	Overall length mm	Weight kg	Order no.
MK 3	MK 2	112	0,19	635143000
MK 4	MK 2	124	0,48	635144000
MK 4	MK 3	140	0,36	635146000

Drift Keys

- Hardened industrial version
- for separation of morse taper and tool

Suitable for machine with morse taper	Overall length mm	Weight kg	Order no.
MK 1, MK 2	140	0,07	642395000
MK 3	190	0,15	642396000

*Self-service packaging

The Metabo Quick System: Versatile and comfortable.

Quick and efficient working
Quick change of bit retainer and accessory for flexible working

Increase in efficiency with competence accessories
Thanks to the magnetised female hexagon socket, hex bits or screwdriver bits can be inserted directly into the machine spindle. This assists drilling and screwdriving use in confined spaces and direct torque transmission.

Numerous Metabo cordless drill/screwdriver and impact hammers of the L, LT and LTX class, as well as the cordless tappers and the mains-powered drill BE 75 Quick are equipped with the Quick System. All these types contain the addition »Quick« and the designation of the class (L, LT or LTX).

Which Quick accessories are suited for which machine types, can be found in the following system overview.

L
+ PowerMaxx

Quick-change chuck Futuro Plus H 1 R+L, »Quick«
Order no. 627259000

Quick-change bit holder »Quick«
Order no. 627241000

Quick-change angle adapter »Quick«
Order no. 627261000

Off-set attachment »Quick«
Order no. 627234000

LT

Quick-change chuck Futuro Plus S 1 M, »Quick«
Order no. 627240000

Quick-change bit holder »Quick«
Order no. 627241000

Quick-change angle adapter »Quick«
Order no. 627077000

Quick-change chuck Futuro Plus S 1 M/HM, »Quick«
Order no. 627203000

LTX
+ BE 75

Quick-change geared chuck »Quick«
Order no. 627238000

Quick-change bit holder »Quick«
Order no. 627241000

Quick-change angle adapter »Quick«
Order no. 627242000

Off-set attachment »Quick«
Order no. 627343000

Quick change tapping chuck
M4-M6 627235000*
M8-M12 627237000*

Torque setting adapter PowerX3 DC
Order no. 627232000

Torque setting adapter PowerX3
Order no. 627256000

*only for tappers

Accessories for »Quick« drills and drills/screwdrivers

	Order no.
NEW **PowerX3 DC torque setting adapter** ■ The torque setting adapter enables the power of the tool (torque) to be tripled to handle tough jobs ■ Suitable for all Metabo cordless drills/screwdrivers, cordless hammer drills and drills with Metabo »Quick«- quick change system in combination with 43 mm collet ■ Standard equipment incl. geared chuck 1/2" 3-16 mm and adapter for adjusting the handle length ■ Bit retainer with 1/2" male square and 1/4" (6.35 mm) female hexagon socket Attention: Use the PowerX3 DC in conjunction with the following tools only and using the stipulated length of the handle depending on the torque: all cordless drill/screwdrivers and LTX »Quick« hammer drills as well as BE 75 Quick drill: 640 mm handle length; BE 1300 Quick drill: 380 mm handle length.	627232000
 PowerX3 torque setting adapter ■ The torque setting adapter enables the power of the tool (torque) to be tripled to handle tough jobs ■ Suitable for all Metabo cordless drills/screwdrivers, cordless hammer drills and drills with Metabo »Quick«- quick change system in combination with 43 mm collet ■ Standard equipment incl. bit (1 x TX 50) and adapter for adjusting the handle length ■ Bit retainer with 1/2" male square and 1/4" (6.35 mm) female hexagon socket Attention: Use the PowerX3 in conjunction with the following tools only and using the stipulated length of the handle depending on the torque: all cordless drill/screwdrivers and LTX »Quick« hammer drills as well as BE 75 Quick drill: 640 mm handle length; BE 1300 Quick drill: 380 mm handle length.	627256000
NEW **Quick-change chuck Futuro Plus S 1 M/HM, »Quick«** ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ All-metal chuck with carbide-tipped clamping jaws and high clamping forces ■ Stable version with metal sleeve; 1 sleeve; impact-resistant version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627203000*
 Quick-change chuck Futuro Plus S 1 M, »Quick« ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ Stable version with metal sleeve; 1 sleeve; impact-resistant version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627240000*
 Quick-change chuck Futuro Plus H 1 R+L, »Quick« ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.0 - 10 mm ■ Suitable for all Metabo »Quick« machines	627259000*
 Quick-change chuck Futuro Plus H 1 R+L, »Quick« ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ Compact version with plastic sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	636608000*
 Quick change threaded chuck M4 - M6 ■ Keyless chuck for inserting taps with square and cylindrical shanks ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5-8 mm; drill chuck with square holder 3.5 mm for M4 and 5.0 mm for M6 ■ Suitable for all Metabo »Quick« machines	627235000*

*Self-service packaging

	Order no.
 Quick change threaded chuck M8 - M12 ■ Keyless chuck for inserting taps with square and cylindrical shanks ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ Version with metal sleeve; 1 sleeve; impact-resistant model; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5-13 mm; chuck with square holder 6.0 mm for M8 and 8.1 mm for M10 and M12 ■ Suitable for all Metabo »Quick« machines	627237000*
 Quick-change geared chuck »Quick« ■ Simple, fast and convenient chuck change thanks to the Metabo »Quick« change system ■ Impact-proof version; suitable for clockwise and anti-clockwise rotation ■ Clamping width: 1.5 - 13 mm ■ Suitable for all Metabo »Quick« machines	627238000*
 Quick-change bit holder »Quick« ■ Easy, fast and comfortable change of the bit holder thanks to Metabo quick change system »Quick« ■ Bit holder suitable for bits with 1/4" external hexagonal drive according to DIN 3126- C 6.3 and E 6.3 ■ Suitable for all Metabo »Quick« machines	627241000*
 Quick-change angle adapter »Quick« ■ Quick and comfortable fixing of angle adapter without tools ■ Quick spindle for fixing the quick change angle adapter 627240000 and bit holder 627241000 ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Suitable for forward and reverse rotation ■ Suitable for cordless tools up to a maximum of 110 Nm ■ Suitable for all Metabo »Quick« machines with collet Ø 43 mm	627242000*
 Quick-change angle adapter »Quick« ■ Quick and comfortable fixing of angle adapter without tools ■ Quick spindle for fixing the quick change angle adapter 627240000 and bit holder 627241000 ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Suitable for forward and reverse rotation ■ Suitable for cordless tools up to a maximum of 100 Nm ■ Suitable for all Metabo LT »Quick« models (from year of construction 02/2013)	627077000*
 Quick-change angle adapter »Quick« ■ For drilling and fixing screws in hard to reach places ■ Magnetic bit holder with 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ Suitable for forward and reverse rotation; up to max. 28 Nm ■ Especially for PowerMaxx BS Quick and BS 18 Quick	627261000*
NEW **Off-set attachment** ■ The off-set attachment permits working near edges and walls. The dimension across corners is 11 mm ■ The attachment can be adjusted in 12 different positions ■ Lockable 1/4" universal bit holder for all standard screwdriver bits ■ 3-piece set: »Quick« off-set attachment, anti-vibration handle, spacer bolt Suitable for Metabo BS 18 LTX BL Q I; SB 18 LTX BL Q I; BS 18 LTX-3 BL Q I; SB 18 LTX-3 BL Q I, GB 18 LTX BL Q I; BS 18 LTX Quick	627343000*
NEW **Off-set attachment »Quick«** ■ The off-set attachment permits working near edges and walls. The dimension across corners is 11.2 mm ■ The attachment can be adjusted in 12 different positions ■ Lockable 1/4" universal bit holder for all standard screwdriver bits Suitable for Metabo PowerMaxx BS Quick, PowerMaxx BS 12 Q, PowerMaxx BS 12 BL Q, BS 18 Quick, BS 18 L BL Q	627234000*

*Self-service packaging

Metal drill bit

HSS-R Metal drill bits, DIN 338, roll-milled

Spiral drill bit made of high-grade high-speed steel according to DIN 338, roll-milled, cylindrical, right-hand cutting, type N, black surface

Application:
Suitable for drilling in the common metals such as steel, non-ferrous metals, alloyed and non-alloyed cast steel. Up to 900 N/mm² tensile strength.

HSS-G metal drill bits, DIN 338, ground

Precision spiral drill bit made of high-grade high-speed steel according to DIN 338, precision ground, cylindrical, right-hand cutting, type N, crosswise grinding 135° according to DIN 1412 C (from 3 mm), polished surface

Application:
For maximum load and precision in crafts and industry. For drilling in steel and cast steel, alloyed and unalloyed, grey cast iron, sintered iron, nickel silver, graphite etc. Up to 900 N/mm² tensile strength.

HSS-Co metal drill bits, DIN 338, ground

Precision spiral drill bit made of cobalt-alloyed high-grade high-speed steel according to DIN 338, precision-ground, cylindrical, type N, reinforced core thickness, with crosswise grinding 135° (from 2 mm) according to DIN 1412 C, bronze surface

Application:
For maximum load and precision in crafts and industry. For drilling hard-to-machine materials such as heat, corrosion and acid resistant steels, VA steel, special alloys, welded seams, CrNi-steels. Up to 1100 N/mm² tensile strength.

HSS-TiN metal drill bits, DIN 338, ground

Precision spiral drill made of titanium coated high-grade high-speed steel according to DIN 338, precision ground, cylindrical, right-hand cutting, type N, crosswise ground 135° (from 3 mm upwards) to DIN 1412 C, gold colour surface finish.

Application:
For maximum load and precision in crafts and industry. For drilling steel and cast-steel, alloyed and non-alloyed, grey cast iron, annealed cast-iron, nickel silver, graphite, bronze and brass. Up to 900 N/mm² tensile strength. HSS-TiN drill bits are not suited for processing aluminium.

Metal drill bit

HSS-R metal drill bits, DIN 338, roll-milled

- Spiral drill bit made of high-grade high-speed steel according to DIN 338, roll-milled, cylindrical, right-hand cutting, type N
- Cone-shaped shell polished surface 118°, diameter tolerance h8
- Black surface
- Suitable for drilling in steel, non-ferrous metals, alloyed and non-alloyed cast steel. Up to 900 N/mm² tensile strength.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
1	34	12	10	627700000*
1,1	36	14	10	627701000*
1,2	38	16	10	627702000*
1,3	38	16	10	627703000*
1,4	40	18	10	627704000*
1,5	40	18	10	627705000*
1,6	43	20	10	627706000*
1,7	43	20	10	627707000*
1,8	46	22	10	627708000*
1,9	46	22	10	627709000*
2	49	24	10	627710000*
2,1	49	24	10	627711000*
2,2	53	27	10	627712000*
2,3	53	27	10	627713000*
2,4	57	30	10	627714000*
2,5	57	30	10	627715000*
2,6	57	30	10	627716000*
2,7	61	33	10	627717000*
2,8	61	33	10	627718000*
2,9	61	33	10	627719000*
3	61	33	10	627720000*
3,1	65	36	10	627721000*
3,2	65	36	10	627722000*
3,3	65	36	10	627723000*
3,4	70	39	10	627724000*
3,5	70	39	10	627725000*
3,6	70	39	10	627726000*
3,7	70	39	10	627727000*
3,8	75	43	10	627728000*
3,9	75	43	10	627729000*
4	75	43	10	627730000*
4,1	75	43	10	627731000*
4,2	75	43	10	627732000*
4,3	80	47	10	627733000*
4,4	80	47	10	627734000*
4,5	80	47	10	627735000*
4,6	80	47	10	627736000*
4,7	80	47	10	627737000*
4,8	86	52	10	627738000*
4,9	86	52	10	627739000*
5	86	52	10	627740000*
5,1	86	52	10	627741000*
5,2	86	52	10	627742000*
5,3	93	57	10	627743000*
5,4	93	57	10	627744000*
5,5	93	57	10	627745000*
5,6	93	57	10	627746000*
5,7	93	57	10	627747000*
5,8	93	57	10	627748000*
5,9	93	57	10	627749000*
6	93	57	10	627750000*
6,1	101	63	10	627751000*
6,2	101	63	10	627752000*
6,3	101	63	10	627753000*

*Self-service packaging

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	6,4	101	63	10	627754000*
	6,5	101	63	10	627755000*
	6,6	101	63	10	627756000*
	6,7	101	63	10	627757000*
	6,8	109	69	10	627758000*
	6,9	109	69	10	627759000*
	7	109	69	10	627760000*
	7,1	109	69	10	627761000*
	7,2	109	69	10	627762000*
	7,3	109	69	10	627763000*
	7,4	109	69	10	627764000*
	7,5	109	69	10	627765000*
	7,6	117	75	10	627766000*
	7,7	117	75	10	627767000*
	7,8	117	75	10	627768000*
	7,9	117	75	10	627769000*
	8	117	75	10	627770000*
	8,1	117	75	10	627771000*
	8,2	117	75	10	627772000*
	8,3	117	75	10	627773000*
	8,4	117	75	10	627774000*
	8,5	117	75	10	627775000*
	8,6	125	81	10	627776000*
	8,7	125	81	10	627777000*
	8,8	125	81	10	627778000*
	8,9	125	81	10	627779000*
	9	125	81	10	627780000*
	9,5	125	81	10	627785000*
	10	133	87	10	627790000*
	10,2	133	87	5	627792000*
	10,5	133	87	5	627795000*
	11	142	94	5	627800000*
	11,5	142	94	5	627805000*
	12	151	101	5	627810000*
	12,5	151	101	5	627815000*
	13	151	101	5	627820000*
	HSS-R drill bit storage case 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm				627160000*
	HSS-R drill bit storage case 10 pieces, in plastic carry case Ø 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm				627158000*
	HSS-R drill bit storage case 13 pieces, in plastic storage case Ø 1,5 / 2 / 2,5 / 3 / 3,2 / 3,5 / 4 / 4,5 / 4,8 / 5 / 5,5 / 6 / 6,5 mm				627161000*
	HSS-R drill bit storage case 13 pieces, in plastic storage case Ø 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 mm				627162000*
	HSS-R drill bit storage case 19 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 mm				627164000*

*Self-service packaging

	Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	HSS-R drill bit storage case 25 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 /7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 / 10,5 / 11 / 11,5 / 12 / 12,5 / 13 mm				627159000*

HSS-R Metal drill bits, DIN 338, with offset shank

- Spiral drill bit made of high-grade high-speed steel according to DIN 338, roll-milled, cylindrical, right-hand cutting, type N
- Cone-shaped shell polished surface 118°, diameter tolerance h8
- Black surface
- Suitable for drilling in steel, non-ferrous metals, alloyed and non-alloyed cast steel. Up to 900 N/mm² tensile strength.

	Diameter mm	Overall length mm	Working length mm	Shaft Ø mm	Sales unit	Order no.
	13,5	160	108	10	1	625006000*
	14	160	108	10	1	625007000*
	15	169	114	10	1	625009000*
	16	178	120	10	1	625011000*
	17	184	125	13	1	625013000*
	18	191	130	13	1	625015000*
	19	198	135	13	1	625017000*
	20	205	140	13	1	625019000*

HSS-G metal drill bits, DIN 338, ground

- Precision spiral drill bit made of high-grade high-speed steel according to DIN 338, precision ground, cylindrical, right-hand cutting, type N, crosswise grinding 135° according to DIN 1412 C (from 3 mm), diameter tolerance h8
- Bare surface
- For highest demands and precision in industry and crafts.
- For drilling steels, cast steel, alloyed and unalloyed, grey cast iron, tempered cast iron, ductile cast iron, sintered iron, nickel silver, graphite, NF metals, plastic. Up to 900 N/mm² tensile strength.

	Diameter mm	Overall length mm	Working length mm	Sales unit		Order no.
	1	34	12	10		627852000*
	1,5	40	18	10		627857000*
	2	49	24	10		627862000*
	2,5	57	30	10		627867000*
	3	61	33	10		627872000*
	3,1	65	36	10	NEW	627972000*
	3,2	65	36	10		627874000*
	3,3	65	36	10		627875000*
	3,5	70	39	10		627877000*
	4	75	43	10		627882000*
	4,1	75	43	10		627883000*
	4,2	75	43	10		627884000*
	4,5	80	47	10		627887000*
	4,8	86	52	10		627890000*
	4,9	86	52	10	NEW	627974000*
	5	86	52	10		627892000*
	5,1	86	52	10		627893000*
	5,2	86	52	10		627894000*

Drills and hole saws

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
5,5	93	57	10	627897000*
6	93	57	10	627902000
6,5	101	63	10	627907000
6,8	109	69	5	627910000
7	109	69	5	627912000
7,5	109	69	5	627917000
8	117	75	5	627922000
8,2	117	75	5	627924000
8,5	117	75	5	627927000
9	125	81	5	627932000
9,5	125	81	5	627937000
10	133	87	5	627942000
10,2	133	87	5	627943000
10,5	133	87	5	627944000
11	142	94	5	627945000
11,5	142	94	5	627946000
12	151	101	5	627947000
12,5	151	101	5	627948000
13	151	101	5	627949000
1	34	12	2	627950000*
1,5	40	18	2	627951000*
2	49	24	2	627952000*
2,5	57	30	2	627953000*
3	61	33	2	627954000*
3,2	65	36	2	627955000*
3,5	70	39	2	627957000*
4	75	43	2	627958000*
4,2	80	47	1	627960000*
4,5	80	47	1	627961000*
4,8	86	52	1	627962000*
5	86	52	1	627963000*
5,5	93	57	1	627966000*
6	93	57	1	627967000*
6,5	101	63	1	627968000*
6,8	109	69	1	627969000*
7	109	69	1	627970000*
7,5	109	69	1	627971000*
8	117	75	1	627973000*
8,5	117	75	1	627975000*
9	125	81	1	627976000*
9,5	125	81	1	627977000*
10	133	87	1	627978000*
10,5	133	87	1	627980000*
11	142	94	1	627981000*
11,5	142	94	1	627982000*
12	151	101	1	627983000*
12,5	151	101	1	627984000*
13	151	101	1	627985000*
	HSS-G drill bit storage case 13 pieces, in plastic storage case Ø 1,5 / 2 / 2,5 / 3 / 3,2 / 3,5 / 4 / 4,5 / 4,8 / 5 / 5,5 / 6 / 6,5 mm			627096000*
	HSS-G drill bit storage case 19 pieces, in robust plastic carry case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 mm			627097000*

Accessory sets can be found in chapter 31, from page 288

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
	HSS-G drill bit storage case 25 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 / 10,5 / 11 / 11,5 / 12 / 12,5 / 13 mm			627098000*
NEW	**HSS-G drill bit storage case** 7-piece. in plastic carry case. Especially tailored drill bit set for rivet sizes of cordless blind rivet gun NP18 LTX BL 5.0 Ø 2.5 / 3.1 / 2x 3.3 / 4.1 / 4.9 / 5.1 mm			627979000*

HSS-G Metal drill bits long, DIN 340

- Precision spiral drill bit made of high-grade high-speed steel according to DIN 340, ground from the solid, long, cylindrical, right-hand cutting, type N, crosswise grinding 135° according to DIN 1412 C (from 3 mm), diameter tolerance h8
- Bare surface
- For highest demands and precision in industry and handcraft
- For drilling steels, cast steel, alloyed and unalloyed, grey cast iron, ductile cast iron, sintered iron, nickel silver, graphite. Up to 900 N/mm² tensile strength.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
2	85	56	1	625031000*
3	100	66	1	625033000*
4	119	78	1	625038000*
5	132	87	1	625043000*
6	139	91	1	625050000*
7	156	102	1	625053000*
8	165	109	1	625055000*
9	175	115	1	625057000*
10	184	121	1	625059000*
11	195	128	1	625062000*
12	205	134	1	625064000*
13	205	134	1	625066000*

HSS-G Metal drill bits , DIN 3126, with hexagonal shank

- High-quality precision tool made of the finest hardened steel
- Precision ground from one piece
- Ideal for the new generation of drills equipped with quick-change keyless chuck according to DIN 3126.
- Strict compliance with DIN 3126 E6.3 ensures that the chuck is not damaged.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
2	47	16	1	627514000*
3	47	16	1	627515000*
4	53	20	1	627516000*
5	59	26	1	627517000*
6	59	26	1	627518000*
8	60	32	1	627519000*
	HSS-G drill bit storage case 5 pieces, with hexagonal shank (E 6.3), in plastic storage case Ø 3 / 4 / 5 / 6 / 8 mm			627112000*

*Self-service packaging

HSS-Co. metal drill bits DIN 338

- Precision spiral drill bit made of cobalt-alloyed high-grade high-speed steel according to DIN 338, precision-ground, cylindrical, type N, reinforced core thickness, with crosswise grinding 135° according to DIN 1412 C (from 2 mm), diameter tolerance h8
- Bronze surface
- For exceptional demands and precision work in handcraft and industry
- For drilling in steel, VA-steel, cast steel, non-ferrous metals, plastics, special alloys, chrome vanadium steel up to 1100 N/mm² tensile strength

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
1	34	12	2	627430000*
1,5	40	18	2	627431000*
2	49	24	2	627432000*
2,5	57	30	2	627433000*
3	61	33	2	627435000*
3,2	65	36	2	627436000*
3,3	65	36	2	627437000*
3,5	70	39	2	627438000*
4	75	43	2	627439000*
4,1	75	43	1	627440000*
4,2	75	43	1	627441000*
4,5	80	47	1	627442000*
4,8	86	52	1	627443000*
5	86	52	1	627444000*
5,1	86	52	1	627445000*
5,2	86	52	1	627446000*
5,5	93	57	1	627447000*
6	93	57	1	627448000*
6,5	101	63	1	627449000*
6,8	109	69	1	627450000*
7	109	69	1	627451000*
7,5	109	69	1	627452000*
8	117	75	1	627454000*
8,5	117	75	1	627456000*
9	125	81	1	627457000*
9,5	125	81	1	627458000*
10	133	87	1	627459000*
10,2	133	87	1	627460000*
10,5	133	87	1	627461000*
11	142	94	1	627462000*
11,5	142	94	1	627463000*
12	151	101	1	627464000*
12,5	151	101	1	627465000*
13	151	101	1	627466000*
	HSS-Co drill bit storage case 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm			627119000*
	HSS-Co drill bit storage case 13 pieces, in plastic storage case Ø 1,5 / 2 / 2,5 / 3 / 3,2 / 3,5 / 4 / 4,5 / 4,8 / 5 / 5,5 / 6 / 6,5 mm			627120000*
	HSS-Co drill bit storage case 19 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 mm			627121000*
	HSS-Co drill bit storage case 25 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 / 10,5 / 11 / 11,5 / 12 / 12,5 / 13 mm			627122000*

*Self-service packaging

HSS-TiN metal drill bits, DIN 338

- Precision spiral drill bit made from TiN-coated high-speed steel, precision-ground, cylindrical, type N
- Not suitable for processing aluminium

		Order no.
	HSS-TiN drill bit storage case 6 pieces, in plastic storage case Ø 2 / 3 / 4 / 5 / 6 / 8 mm	627171000*
	HSS-TiN drill bit storage case 19 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 mm	627173000*
	HSS-TiN drill bit storage case 25 pieces, in robust plastic storage case Ø 1 / 1,5 / 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,5 / 7 / 7,5 / 8 / 8,5 / 9 / 9,5 / 10 / 10,5 / 11 / 11,5 / 12 / 12,5 / 13 mm	627191000*

HSS Form work drill bits, DIN 7490

- Spiral drill bit made of HSS steel for extra long tool life
- Corresponds to the safety requirements of the Wood Professional Association according to DIN 7490
- No clamping in drill hole, good chip removal
- For drilling through formwork in the construction industry as well as boards, beams, planks and floor boards made of soft and hard wood. Also suitable as a facade and roofer's drill bit for metal, profile sheets etc.

Diameter mm	Overall length mm	Sales unit	Order no.
6	400	1	627330000*
8	400	1	627331000*
10	400	1	627332000*
12	400	1	627333000*
14	400	1	627334000*
16	400	1	627335000*
18	400	1	627336000*
20	400	1	627337000*
22	400	1	627338000*
8	600	1	627401000*
10	600	1	627402000*
12	600	1	627403000*
14	600	1	627404000*
16	600	1	627405000*

Router bit

- Router bit made of HSS steel with very efficient routing spirals, crosswise grinding 135° according to DIN 1412 C, titanium nitride coating
- Extremely suitable for drilling and moulding/routing any contours in sheet metal and other thin-walled materials

Diameter mm	Overall length mm	Sales unit	Order no.
6	90	1	625150000*

Masonry drill bits, universal drill bits

Masonry drill bit, carbide-tipped

Very robust, high-grade masonry drill bits for rotary and impact drills, carbide insert 130°, milled angle groove, straight spiral intake, heat resistant, good durability and long service life.

Application:
For drilling in masonry, natural stone

Concrete drill bits, carbide-tipped, »classic« series

Concrete drill bit for rotary and impact drills, milled angle groove, straight spiral intake, long tool life, heat-resistant, carbide insert 130°, negative chamfer, robust version, surface shot peened

Application:
For drilling in concrete, masonry, natural stone

Concrete drill bits, carbide-tipped, »pro«

High-grade, robust concrete drill bit, carbide plate 130°, especially heat-resistant, very long tool life, with special groove for quick discharge of borehole cuttings, surface blank

Application:
For drilling in granite, concrete, masonry, natural and artificial stone. Suitable for light rotary hammers with a three-jaw chuck

Universal drill bits, carbide-tipped

Multi-purpose drill bit with cylindrical shaft for rotary, non-impact use, diamond ground carbide inserts and a positive aggressive cutting angle, ideally suited for use with cordless tools.

Application:
For drilling in wood, metal, plastic, brick, gypsum boards, aerated concrete, tiles, ceramic, etc.

Masonry drill bits, concrete drill bits

Masonry drill bits, carbide-tipped

- Masonry drill bit for rotary and impact drills, milled version, carbide insert 130°, robust version
- Suitable for drilling in bricks, masonry, natural stone etc.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	60	30	1	627467000*
4	75	40	1	627468000*
5	85	50	1	627469000*
5,5	85	50	1	627470000*
6	100	60	1	627471000*
6	150	85	1	627487000*
6	200	135	1	627490000*
7	100	60	1	627473000*
8	120	80	1	627474000*
8	200	135	1	627491000*
10	120	80	1	627476000*
10	200	135	1	627492000*
12	150	85	1	627478000*
12	200	135	1	627493000*
14	150	85	1	627480000*
	Masonry drill bit storage case 5 pieces, in plastic storage case Ø 4 / 5 / 6 / 8 / 10 mm			627192000*
	Masonry drill bit storage case 8 pieces, in plastic storage case Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627193000*

Concrete drill bits, carbide-tipped, »classic« series

- Concrete drill bit for rotary and impact drills according to DIN 8039, milled angle groove, straight spiral intake, long tool life, heat-resistant, carbide insert 130°, negative chamfer, robust version
- Surface: shot blasted
- Suitable for drilling in concrete, masonry, natural stone

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	75	40	1 NEW	627623000*
4	85	50	1	627625000*
5	85	50	1	627626000*
5	150	90	1	627665000*
5,5	85	50	1	627627000*
6	100	55	1	627646000*
6	150	90	1	627675000*
6,5	100	55	1	627650000*
7	100	55	1	627651000*
8	120	70	1	627652000*
8	200	150	1	627679000*
9	120	70	1	627653000*
10	120	70	1	627654000*
10	200	150	1	627697000*
11	150	90	1	627655000*
12	150	90	1	627656000*
12	200	150	1	627698000*
13	150	90	1	627657000*
14	150	90	1	627658000*
14	200	150	1	627699000*
15	160	100	1	627659000*

*Self-service packaging

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
16	160	100	1	627661000*
18	160	100	1	627662000*
20	160	100	1	627664000*
	Concrete drill bit storage case 5 pieces, in plastic carry case Ø 4 / 5 / 6 / 8 / 10 mm			627180000*
	Concrete drill bit storage case 8 pieces, in plastic carry case Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627182000*

Drill bits for concrete, carbide-tipped, »pro« series

- High-grade, robust concrete drill bit according to DIN 8039 with carbide insert 130°, especially heat-resistant, very long tool life, with special groove for quick discharge of drilling debris
- Also suitable for light rotary hammers with a three-jaw chuck
- Suitable for drilling in granite, concrete, masonry, natural and artificial stone

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
4	85	50	1	627224000*
5	85	50	1	627225000*
5	150	105	1	627421000*
5,5	85	50	1	627226000*
6	100	55	1	627227000*
6	150	105	1	627423000*
6,5	100	55	1	627228000*
7	100	55	1	627229000*
8	120	70	1	627230000*
8	200	135	1	627426000*
9	120	70	1	627389000*
10	120	70	1	627391000*
10	200	135	1	627427000*
11	150	90	1	627392000*
12	150	90	1	627393000*
12	200	135	1	627428000*
13	150	90	1	627394000*
14	150	90	1	627395000*
14	200	135	1	627429000*
15	150	90	1	627396000*
16	150	90	1	627399000*
18	160	95	1	627409000*
20	160	95	1	627410000*
	Concrete drill bit storage case 5 pieces, in plastic storage case Ø 4 / 5 / 6 / 8 / 10 mm			627181000*

*Self-service packaging

Universal drill bits, glass drill bits

Universal drill bits, carbide-tipped

- Multi-purpose drill bit with straight shank, for rotary use
- With diamond-ground carbide insert and positive, aggressive cutting angle. Ideal also for use in cordless drills
- Suitable for drilling in wood, metal, plastic, brick, gypsum boards, aerated concrete, tiles, ceramic, etc.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	70	40	1	627696000*
4	85	50	1	627680000*
5	85	50	1	627681000*
5,5	85	50	1	627682000*
6	100	60	1	627683000*
6	150	90	1	627684000*
7	100	60	1	627687000*
8	120	80	1	627688000*
8	250	200	1	627689000*
10	120	80	1	627691000*
10	250	200	1	627692000*
12	150	90	1	627693000*
12	250	200	1	627694000*
14	250	200	1	627695000*
	Universal drill bit storage case 4 pieces in plastic storage case Ø 5 / 6 / 8 / 10 mm			627185000*

Glass drill bit, carbide tipped

- Glass drill bit with special carbide insert
- For drilling in glass, mirror glass, bottles, tiles, etc.
- Attention: set low speeds and cool sufficiently!

Diameter mm	Overall length mm	Sales unit	Order no.
4	60	1	627243000*
5	70	1	627244000*
6	75	1	627245000*
8	80	1	627246000*
10	100	1	627247000*

Diamond drill bit

- High-performance diamond drill bit for all types of tiles up to a scratch hardness of class 8. Also suitable for glass, porcelain, marble, etc.
- The drill must be cooled continuously with water.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
5	60	35	1	627534000*
6	60	35	1	627535000*
7	60	35	1	627536000*
8	60	35	1	627537000*
10	60	35	1	627538000*
12	60	35	1	627539000*
14	60	35	1	627544000*

Diamond tools »Dry«

Diamond drill bits for tiles »Dry«, M14

- M14 Thread for use on angle grinders
- Long service life and fast drilling progress thanks to vacuum hard soldered diamonds
- Easy removal of the drill core thanks to lateral recesses
- No extra cooling required. . For Ø 6-14 mm an additional paraffin emulsion is integrated for improved cooling. We commend to briefly cool the tip with water in case of drilling in quick succession!
- We recommend using the thickness of the tile / fine earthenware / granite board as useful length. As a rule, max. 2 cm granite boards / work boards up to 5 cm can be drilled. Retract the drill bit often from the drilled hole so that it can cool down!
- Important: Do not drill into the subsurface in case of laid material!
- Maximum working speed: 80 m/s

Diameter mm	Overall length mm	Sales unit	Order no.
6	64	1	628300000*
8	64	1	628301000*
10	64	1	628302000*
12	64	1	628303000*
14	64	1	628304000*
18	91	1	628305000*
20	91	1	628306000*
25	91	1	628307000*
32	91	1	628308000*
35	91	1	628309000*
40	91	1	628310000*
45	91	1	628318000*
50	91	1	628311000*
55	91	1	628312000*
60	91	1	628313000*
68	91	1	628314000*
75	91	1	628315000*
82	91	1	628316000*

			Order no.
	Diamond drill bit set for tiles »Dry« 7 pieces Set consisting of: 2 each Ø 6 mm, 2 x 8 mm, 1 each 10 mm, 12 mm, 14 mm	NEW	628321000
	Diamond drill bit set for tiles »Dry« , 3 pieces Set consisting of: 1 each Ø 35 mm, 50 mm, 68 mm;		628322000
	Diamond drill bit set for tiles »Dry« 4 pieces Set consisting of: 1 each Ø 35 mm, 40 mm, 50 mm, 68 mm	NEW	628319000
	Diamond drill bit set for tiles »Dry« 7 pieces Set consisting of: each 1 x Ø 6 mm, 8 mm, 14 mm, 35 mm, 40 mm, 50 mm, 68 mm;		628317000
	Diamond drill bit set for tiles »Dry« 6 pieces Set consists of: 1 each Ø 35 mm, 40 mm, 50 mm, 68 mm + diamond drill bit 20 mm Diamond cup wheel 50 mm	NEW	628320000

Adapter for diamond drill bits »Dry«

		Order no.
	Adapter hexagon 10 mm / M 14 ■ For the use of diamond drill bits »Dry« for drills and impact drills Receptacle: hexagonal 10mm, M 14 male thread	630859000*

Diamond drill bit »Dry«, M14

			Order no.
	Diamond drill bit »Dry« ■ Diamont drill bit Ø 20 mm for routing, chamfering, drilling and widening ■ Useable length: 40 mm; overall length: 75 mm ■ Connection M14 for use with angle grinder Ø 115 + 125 mm ■ Maximum working speed: 80 m/s	NEW	628327000*

Wood drill bit

Wood drill bits CV

Wood spiral drill bit made of high-grade steel, similar to DIN 7487 hardened, with centering point

Application:
For drilling in hard and soft wood, plywood, chipboards, etc.

Auger bits

Auger bit for timber with self centering thread point and pre-cutting action, with hexagonal shaft, especially fast drilling cycle, very good material removal.

Application:
Ideal for drilling deep holes in thick hard and soft wood, especially timber beams.

Forstner drill bit

Similar to DIN 7483, with centering point, 2 main cutters and 2 ring cutters

Application:
For use in hard and soft wood, veneered wooden boards. Suitable for drilling blind holes.

Flat wood drill bit

Wood drill bit made of high-quality steel with centering point for precise drilling and 2-sided cutting for splinter-free drilling. The 1/4“ (6.35 mm) hexagonal shaft fits into traditional chucks and E 6.3 holders.

Application:
For fast drilling soft wood, boards, chipboards, plywood, etc.

*Self-service packaging

Drills and hole saws

Wood drill bit

Wood drill bits CV, with centring point

- For use in hard and soft wood, plywood, chipboards, etc.
- Wood spiral drill bit made of high-grade steel, hardened, with centering point
- Similar to DIN 7487

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
3	61	33	1	627986000*
4	75	43	1	627987000*
5	86	52	1	627988000*
6	97	60	1	627989000*
7	109	69	1	627990000*
8	117	75	1	627991000*
9	125	80	1	627992000*
10	133	87	1	627993000*
11	142	89	1	627994000*
12	151	96	1	627995000*
13	151	96	1	627996000*
14	151	97	1	627997000*
15	151	97	1	627998000*
16	151	97	1	627999000*
18	180	120	1	627339000*
20	200	130	1	627340000*
	Wood drill bit storage case 5 pieces, in plastic storage case Ø 4 / 5 / 6 / 8 / 10 mm			627200000*
	Wood drill bit storage case 8 pieces, in plastic carry case Ø 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 mm			627202000*

Rose bit 90°

- 5-cut rose bit made of HSS steel for acute-angled countersinks, with Allen screw, for fitting on wood spiral bits
- Can also be used as depth guide, simply invert the countersink

Diameter mm	Overall length mm	Sales unit	Order no.
3	26	1	625020000*
4	26	1	625021000*
5	26	1	625022000*
6	26	1	625023000*
8	26	1	625024000*
10	26	1	625025000*

Countersinks

- 5-cut countersink made of HSS steel for acute-angled countersinks

Diameter mm	Overall length	Sales unit	Order no.
16	43	1	623521000*

*Self-service packaging

Wood drill bit with hexagonal shank, DIN 3126

- High-quality precision tool made of the finest hardened steel
- Precision ground from one piece (not a bolted or welded 2-piece product).
- Ideal for drills equipped with quick change keyless chuck according to DIN 3126.
- Our drill's strict compliance to DIN 3126 E6.3 ensures that the chuck is not damaged.
- With centering point for precise spot-drilling.

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
2	55	20	1	627522000*
3	65	35	1	627523000*
4	75	40	1	627524000*
5	85	50	1	627525000*
6	90	55	1	627526000*
8	90	55	1	627527000*
10	100	60	1	627528000*
	Wood drill bit storage case 5 pieces, with hexagonal shank (E 6.3), in plastic storage case Ø 3 / 4 / 5 / 6 / 8 mm			627111000*

Timber auger bits for wood with hexagonal shank

- Timber auger bit with self-centring thread tip and rough cutter
- Ideal for drilling deep holes in hard and soft wood, especially beams
- Auger bit Ø 6-12 mm: hexagonal shank SW 10; auger bit Ø 14-32 mm: hexagonal shank SW 11

Diameter mm	Overall length mm	Working length mm	Sales unit	Order no.
6	230	155	1	627115000*
7	230	155	1	627116000*
8	230	155	1	627124000*
10	230	155	1	627125000*
12	230	155	1	627126000*
14	230	155	1	627127000*
16	230	155	1	627128000*
18	230	155	1	627129000*
20	230	155	1	627130000*
22	230	155	1	627131000*
24	230	155	1	627132000*
26	230	155	1	627133000*
28	230	155	1	627134000*
30	230	155	1	627135000*
32	230	155	1	627136000*
8	460	385	1	627137000*
10	460	385	1	627138000*
12	460	385	1	627139000*
14	460	385	1	627140000*
16	460	385	1	627141000*
18	460	385	1	627142000*
20	460	385	1	627143000*
22	460	385	1	627144000*
24	460	385	1	627145000*
26	460	385	1	627146000*
28	460	385	1	627147000*
30	460	385	1	627148000*
32	460	385	1	627150000*

Forstner drill bits, similar to DIN 7483 G

- Forstner drill bit, similar to DIN 7483 G with centering point, 2 main cutters and 2 ring cutters
- For use in hard and soft wood, veneered wooden boards, etc.
- Suitable for drilling blind holes.

Diameter mm	Overall length mm	Shaft Ø mm	Sales unit	Order no.
10	90	8	1	627579000*
12	90	8	1	627580000*
14	90	8	1	627581000*
15	90	10	1	627582000*
16	90	10	1	627583000*
18	90	10	1	627584000*
20	90	10	1	627585000*
22	90	10	1	627586000*
24	90	10	1	627587000*
25	90	12	1	627588000*
26	90	12	1	627589000*
28	90	12	1	627590000*
30	90	12	1	627591000*
32	90	12	1	627592000*
34	90	12	1	627593000*
35	90	12	1	627594000*
36	90	12	1	627595000*
38	90	12	1	627596000*
40	90	15	1	627597000*
45	90	15	1	627598000*
50	90	15	1	627599000*

Carbide Multi-Spur machine bit

- Precision multi-spur machine bit, similar to DIN 7483 C with centering point, 2 sharp rough cutters and 2 main cutters made of carbide steel
- For professional use and non-splintering drilling in veneered wooden boards as well as all natural hard and soft wood types

Diameter mm	Overall length mm	Shaft Ø mm	Sales unit	Order no.
20	90	8	1	625123000*
25	90	8	1	625126000*
30	90	8	1	625128000*
35	90	10	1	625129000*
40	90	10	1	625130000*

Wood drill bits with 1/4" (6.35 mm) hexagonal shank

- Wood drill bit made of high-grade steel, with centering point for high-precision spot-drilling and two side cutters for quick and non-splintering drilling in soft wood, chipboard, plywood, light construction materials etc.
- The 1/4" (6.35 mm) hexagonal shank fits into standard chucks and E 6.3 holders.

Diameter mm	Overall length mm	Sales unit	Order no.
8	160	1	627311000*
10	160	1	627312000*
12	160	1	627313000*
13	160	1	627314000*
14	160	1	627315000*
16	160	1	627316000*
17	160	1	627347000*
18	160	1	627317000*
19	160	1	627318000*
20	160	1	627319000*

*Self-service packaging

Diameter mm	Overall length mm	Sales unit	Order no.
22	160	1	627320000*
24	160	1	627321000*
25	160	1	627322000*
26	160	1	627323000*
28	160	1	627324000*
30	160	1	627325000*
32	160	1	627326000*
36	160	1	627327000*
38	160	1	627328000*

Extension for wood drill bit

	Working length mm	Sales unit	Order no.
	305	1	627329000*

Drill bit assortments for metal, stone, wood

		Order no.
	Drill bit assortment Stone, wood and HSS-R drill bit, 9 pieces, in plastic storage case each 3 x Ø 5 / 6 / 8 mm	627179000*
	Drill bit assortment Stone, wood and HSS-R drill bit, 18 pieces, in plastic storage case each 1 x Ø 3 / 4 / 5 / 6 / 8 / 10 mm	627190000

Accessory sets can be found in chapter 31, from page 288

Hole saws

»Pionier« Multipurpose hole saw, carbide tipped, with M 16 female thread

- Carbide teeth supported on both sides and enlarged brazed contact areas guarantee a secure fit and a high-strength connection of material.
- Improved vibration characteristics by means of the special curved geometry of the enlarged chip room and the clean-out slot.
- Ideal for electricians, tile layers, sanitation installers, heater contractors, cabinet makers, kitchen studios, artisans
- For solid wood, plywood, chipboard, plastics, acrylic glass, tiles (up to scratch hardness 6), plaster concrete blocks, aerated concrete, wood-wool boards, fibre cement, solid brick
- Maximum cutting depth 60 mm
- Only use in rotary mode, turn off impact. Use hole saws only with arbor and pilot drill.

Diameter mm	Order no.
25	627001000*
30	627002000*
35	627003000*
40	627004000*
50	627005000*
60	627006000*
63	627007000*
65	627008000*
68	627009000*
74	627010000*
80	627012000*
105	627013000*

Arbors for multi-purpose hole saws »Pionier«

- Comfortable quick fastener for a fast change of the centre drill, without setscrew.
- No tool loss in the event of accidentally switched-on impact mechanism: the shortened holding slots prevent impact operation on the hammer drills with SDS-plus holder, thereby not damaging the tool.
- For working with the multi-purpose hole saws »Pionier«
- Easy removal of the drilling core by unlocking the pilot drill and pulling out the drilling core from the hole saw.
- The spanner flats enable easy release of the adapter.

	Shaft type	Overall length mm	Order no.
	SW11	118	627037000*
	SDS-plus	118	627038000*
	SDS-plus	220	627039000*

Pilot drill, carbide-tipped

		Order no.
NEW	**Pilot drill HSS** Diameter: 7.4 mm Overall length: 120 mm	627088000*
	Pilot drill HM Diameter: 8 mm Overall length: 120 mm	627040000*

Bi-metal hole saws

- Hole saws made of bi-metal with hardened teeth made from high-alloy high-speed steel with a cobalt content of 8%, thus significantly increased tool life
- Quicker and softer chip removal through new kind of teeth with irregular tooth shape and division; thus less vibration
- For use in cast steel and grey cast iron, stainless steel, constructional steel, aluminium, bronze, copper, PVC, acrylic glass, wood.
- Maximum cutting depth approx. 35 mm
- Thread for hole saws-Ø 14-30 mm: 1/2"-20 UNF; thread for hole saws-Ø 32-152mm: 5/8"-18 UNF
- Use hole saws only with the corresponding arbor and pilot drill.

Diameter mm	Order no.
14	625160000*
16	625161000*
17	625162000*
19	625163000*
20	625164000*
21	625165000*
22	625166000*
24	625167000*
25	625168000*
27	625169000*
29	625170000*
30	625171000*
32	625172000*
33	625173000*
35	625174000*
37	625175000*
38	625176000*
40	625177000*
41	625178000*
43	625179000*

*Self-service packaging

Diameter mm	Order no.
44	625180000*
46	625181000*
48	625182000*
51	625184000*
52	625185000*
54	625186000*
56	625187000*
57	625188000*
59	625189000*
60	625190000*
64	625191000*
65	625192000*
67	625193000*
68	625194000*
70	625195000*
73	625196000*
76	625197000*
79	625198000*
83	625199000*
86	625200000*
89	625201000*
92	625202000*
95	625203000*
98	625204000*
102	625205000*
105	625206000*
108	625207000*
111	625208000*
114	625209000*
121	625210000*
127	625211000*
140	625213000*
152	625214000*

Arbors for bi-metal hole saws

	Designation	Hole saw Ø	Shaft type	Order no.
	Adapter SW 9/ 1/2"-20 UNF	14 - 30 mm	SW9	625215000*
	Adapter SW 9/ 5/8"-18 UNF	32 - 152 mm	SW9	625216000*
	SDS-plus adapter/ 1/2"-20 UNF	14 - 30 mm	SDS-plus	625217000*
	SDS-plus adapter/ 5/8"-18 UNF	32 - 152 mm	SDS-plus	625218000*

Pilot drill

		Order no.
	Pilot drill For work with the HSS bi-metal hole saws in combination with one of the anchor-head holders: 625215000 to 625218000 Diameter: 6.35 mm	625220000*

Bi-metal hole saws, assortments

		Order no.
NEW	**Bi-metal hole saw set 1, 8 pieces** Consisting of: Bi-metal hole saws Ø 19, 25, 38, 44, 68 and 83 mm Arbor for hole saw-Ø 14-30 mm (SW 9/ 1/2"-20 UNF) Arbor for hole saw-Ø 32-152 mm (SW 9/ 5/8"-18 UNF) Pilot drill Plastic carry case	625159000*
	Bi-metal hole saw set 1, 8 pieces Consisting of: Bi-metal hole saws Ø 22, 29, 35, 44, 51 and 68 mm Arbor for hole saw-Ø 14-30 mm (SW 9/ 1/2"-20 UNF) Arbor for hole saw-Ø 32-152 mm (SW 9/ 5/8"-18 UNF) Pilot drill Plastic carry case	625434000*
	Bi-metal hole saw set 2, 11 pieces Consisting of: Bi-metal hole saw Ø 19, 22, 29, 35, 44, 51, 57, 64 and 68 mm Arbor for hole saw-Ø 14-30 mm (SW 9/ 1/2"-20 UNF) Arbor for hole saw-Ø 32-152 mm (SW 9/ 5/8"-18 UNF) Pilot drill Plastic carry case	625435000*

Hole saw set for wood

		Order no.
	Hole saw With 8 interchangeable inserts Ø 25-68 mm, with pilot drill Ø 6 mm, shank Ø 10 mm	623531000*

*Self-service packaging

Attachments

Angle drilling and screw-driving attachment

		Order no.
	Angle drilling and screw-driving attachment ■ Makes easy work of drilling and screw-driving in confined spaces ■ Spindle with hexagonal recess for screwdriver bits; bit retaining bush ■ Suitable for forward and reverse rotation ■ Metabo quick-action coupling ■ Gear ratio 1:1; load resistance up to 100 Nm ■ With chuck safety bolt and hexagon nut Aperture: 43 mm Spindle thread: 1/2" - 20 UNF Spindle with hexagonal recess: 1/4" (6.35 mm) Weight: 0.5 kg	631078000*

Pump attachments

		Order no.
	Pump attachment BPV 01 ■ Self-priming ■ Suitable for driving units with speed up to 1,800 to 2,600 /min ■ Fitted with its pin in the chuck of the driving unit ■ Water temperature: max. 50° C Maximum delivery rate: 1,500 l/h Maximum suction height: 2 m Maximum delivery height: 4 m Connection piece for hose: 1/2" Weight: 0.1 kg	627621000*
	Pump attachment BPV 03 ■ Self-priming ■ Suitable for driving units with speed up to 3,400 rpm ■ Metabo quick-action coupling Maximum delivery rate: 3,000 l/h Maximum suction height: 4 m Maximum delivery height: 20 m Aperture: 43 mm Connection piece for hose: R 3/4" Weight: 0.6 kg	627640000*
	Hexagon Nut With female thread 1/2"-20 UNF; To drive the angle attachment 631078000 or the pump attachment 627640000 on a drill with a 1/2"-20 UNF threaded spindle, but no hexagon shoulder on the spindle, requires a 19 mm AF hexagon nut (SW 19) with 1/2"-20 UNF female thread.	627601000*

Flexible shaft

		Order no.
	Flexible shaft ■ Suitable for speeds of 2,000 to 5,000 rpm Length: 1.2 m Driving shaft Ø: 6 mm Collet bore: 6 mm Weight: 0.8 kg	627608000*

Clamping stand and clamp

		Order no.
	Clamping stand ■ For safe clamping of drills and impact drills as well as die grinders and the motor of the router when working with flexible shafts. Aperture Ø 43 mm. The clamp (627107000) serves for the secure fixing	627354000*
	Clamp ■ For the secure fixing on a work table	627107000*

Drill stand

Drill stand

	Order no.
Drill stand 890 ■ The design of the feed mechanism enables the maximum drilling depth of 65 mm to be achieved with a swivelling motion ■ Asymmetrical arrangement of the column in relation to the base plate enables the processing of larger workpieces ■ Unlimited access to the controls of drill and drill stand by angled cantilever ■ Adjustable depth guide Inner throat: 165 mm Working stroke: 65 mm Height of column: 500 mm Column Ø: 40 mm Aperture: 43 mm Base plate: 220 x 213 mm Weight: 5.5 kg	600890000

Magnetic drill stands

	Order no.
Magnetic drill stand M 100 ■ Magnet base with high holding power for safe operation ■ Also suitable, when used in conjunction with the safety chain supplied, for working on vertical, sloping, or overhead surfaces ■ Vertical feed driven by rack and pinion ■ In order to position the tip of the drill bit that is fitted in the drill exactly over the punch mark on the material to be drilled, the upper part of the magnetic drill stand can be swivelled and moved sideways ■ Power socket on the drill stand for connecting the drill directly ■ Adjustable support to back up the stand against the high reacting forces that arise when drilling ■ Graduated collar indicating the depth to which the hole is drilled ■ Can be complemented with the drill B 32/3 to a magnetic drill unit with max. drill diameter 100 mm (with core hole drill). Aperture: 65 mm Depth of feed: 260 mm Maximum height: 650 mm Magnetic force (maximum): 18,000 N Dimensions magnetic base: 110 x 220 mm Weight: 22 kg Scope of delivery: Safety chain, fastening screw G 3/4", offset screwdriver SW5 and SW8, sheet steel carry case.	627100000

Machine vices

	Jaw dimensions mm	Clamping width mm	Order no.
	80 x 45	86	612003000
	100 x 58	100	612001000

Accessories for Sanding/Grinding and Polishing

	Order no.
Rubber backing pad For clamping grinding media Ø 125 mm (e.g. fibre sanding discs) Dimensions: Ø 125 mm Clamping shaft Ø: 8 mm Sales unit: 1	623259000*

*Self-service packaging

Steel-wire brushes

	Clamping shaft Ø mm	Outer Ø mm	Version	Order no.
Steel-wire wheel brush, stainless steel crimped ■ For light surface processing and deburring work in all metal processing ■ For processing profiles, weld seams, cutting edges, gear wheels, grooves, narrow surfaces ■ Edging type: crimped stainless steel wire				
	6	75	Crimped	630550000*
	6	100	Crimped	630551000*
Steel-wire cup brushes, crimped steel ■ For light surface processing and deburring work in all metal processing ■ For processing larger areas, weld seams, metal plates				
	6	50	Crimped	626790000*
	6	75	Crimped	630552000*
Steel-wire Busby-end brush, crimped steel ■ For light surface processing and deburring work in all metal processing ■ For processing hard to reach spots and inner surfaces				
	6	25	Crimped	630554000*

Accessories for dust extraction

	Order no.
Vacuum cleaner adapter DDE 14 ■ Vacuum cleaner adapter for extracting drilling dust at the hole entry point ■ Safe and dust-free drilling in walls and ceilings ■ By virtue of the 2-chamber system and the foam rubber gasket it stays attached to almost all (even uneven) surfaces, such as plaster, natural stone and woodchip wallpaper. Minimal drill dust residue at walls and wallpapers. ■ The adapter is put on the existing suction hose. The negative pressure of the vacuum cleaner keeps the adapter to the respective subsurface. Drill Ø: 4 - 14 mm	630829000*
Vacuum cleaner adapter DDE 72 ■ Vacuum cleaner adapter for extracting drilling dust at the hole entry point ■ Safe and dust-free drilling in walls and ceilings ■ By virtue of the 2-chamber system and the foam rubber gasket it stays attached to almost all (even uneven) surfaces, such as plaster, natural stone and woodchip wallpaper. Minimal drill dust residue at walls and wallpapers. ■ The adapter is put on the existing suction hose. The negative pressure of the vacuum cleaner keeps the adapter to the respective subsurface. Drill Ø: 72 mm	631343000*

Other accessories for drills and impact drills

	Order no.
Side handle Standard version Diameter of aperture: 43 mm	631052000*
Side handle, long Long version, especially suitable for working with tools with high torque; with locking screw to prevent slipping off the tool collar Diameter of aperture: 43 mm	631074000*
Reducing bush 1/2"-3/8" ■ for drills and impact drills	630704000

Accessories for magnetic core drills

Which magnetic core drill for which application?

Bit retainer	MAG 32 **Order no. 600635500**		MAG 50 **Order no. 600636500**	B 32/3 **Order no. 600323000** + M 100 **Order no. 627100000**
Weldon direct chuck 19 mm (3/4") with automatic internal cooling	●		●	
MK 2 chuck			●	
MK 3 chuck				●
Application				
Drilling with core drills	■■■		■■■	■■■
Drilling with spiral drills	■■■		■■■	■■■
Working with countersinks	■		■■■	■
Threaded drill	–		■■■	–
	Chuck adapter Weldon 19 mm –> 1/2" - 20 UNF Order no. 626611000 Chuck with 1/2" - 20 UNF female thread HSS and carbide core drills Countersink (not included in Metabo accessories) Spiral drill for metal		Morse taper MK 2 –> B 16 Order no. 635115000 Chuck with B16 female taper HSS and carbide core drills Spiral drill for metal	Reducing insert MK 3 / 2 outer Ø morse taper MK 3 to internal Ø morse taper MK 2 Order no. 635143000 Quick change system MK2 –> Weldon 19 mm Order no. 626604000 Morse taper MK 3 –> B 16 Order no. 635125000 Chuck with B16 female taper HSS and carbide core drills Spiral drill for metal

Application: ■ suitable ■■ very suitable ■■■ optimum **Equipment:** ● present ○ optional

HSS core drills, short

- With Weldon shank 19 mm (3/4")
- Insert only with suitable centering pin
- Suitable for steel, cast steel, non-ferrous metals and alloys

Diameter mm	Overall length mm	Working length mm	Order no.
12	64	30	626500000*
13	64	30	626501000*
14	64	30	626502000*
15	64	30	626503000*
16	64	30	626504000*
17	64	30	626505000*
18	64	30	626506000*
19	64	30	626507000*
20	64	30	626508000*
21	64	30	626509000*
22	64	30	626510000*
23	64	30	626511000*
24	64	30	626512000*
25	64	30	626513000*
26	64	30	626514000*
27	64	30	626515000*
28	64	30	626516000*
29	64	30	626517000*
30	64	30	626518000*
31	64	30	626519000*
32	64	30	626520000*

HSS core drills, long

- With Weldon shank 19 mm (3/4")
- Insert only with suitable centering pin
- Suitable for steel, cast steel, non-ferrous metals and alloys

Diameter mm	Overall length mm	Working length mm	Order no.
12	90	55	626521000*
13	90	55	626522000*
14	90	55	626523000*
15	90	55	626524000*
16	90	55	626525000*
17	90	55	626526000*
18	90	55	626527000*
19	90	55	626528000*
20	90	55	626529000*
21	90	55	626530000*
22	90	55	626531000*
23	90	55	626532000*
24	90	55	626533000*
25	90	55	626534000*
26	90	55	626535000*
27	90	55	626536000*
28	90	55	626537000*
29	90	55	626538000*
30	90	55	626539000*
31	90	55	626540000*
32	90	55	626541000*

*Self-service packaging

Carbide core drills

- Core drill Ø 14 - 60 mm with Weldon shank 19 mm (3/4")
- Core drill as of Ø 70 mm with Weldon shank 32 mm (1 1/4")
- Insert only with suitable centering pin
- Also suitable for higher alloyed steels

Diameter mm	Overall length mm	Working length mm	Order no.
14	90	55	626571000*
15	90	55	626572000*
16	90	55	626573000*
17	90	55	626574000*
18	90	55	626575000*
19	90	55	626576000*
20	90	55	626577000*
21	90	55	626578000*
22	90	55	626579000*
23	90	55	626580000*
24	90	55	626581000*
25	90	55	626582000*
26	90	55	626583000*
27	90	55	626584000*
28	90	55	626585000*
29	90	55	626586000*
30	90	55	626587000*
31	90	55	626588000*
32	90	55	626589000*
33	90	55	626590000*
34	90	55	626591000*
35	90	55	626592000*
36	90	55	626593000*
37	90	55	626594000*
38	90	55	626595000*
39	90	55	626596000*
40	90	55	626597000*
45	90	55	626598000*
50	90	55	626599000*
60	90	55	626614000
70	90	55	626616000
80	90	55	626618000
90	90	55	626620000
100	90	55	626622000

Core drill bit assortments

		Order no.
	HSS core drill set 3 pieces ■ Suitable for steel, cast steel, non-ferrous metals and alloys Core drills Ø 14/18/22 mm 30 mm working length, Weldon shank 19 mm (3/4") including centering pin	626623000
	HSS core drill set 6 pieces ■ Suitable for steel, cast steel, non-ferrous metals and alloys Core drill bits Ø 14/16/18/20/22/26 mm 30 mm working length, Weldon shank 19 mm (3/4") including centering pin	626624000

Centering pins

		Order no.
	Centering pin for HSS short For HSS core drill bits with a 30 mm working length Diameter: 6.35 mm Overall length: 75 mm	626608000*
	Centering pin for HSS long and carbide For HSS core drill bits with a 55 mm working length For carbide core drill bits up to Ø 60 mm Diameter: 6.35 mm Overall length: 100 mm	626609000*
	Centering pin for carbide For carbide core drill bits Ø 70 - 100 mm Diameter: 8 mm Overall length: 120 mm	626610000*

Industrial holders

		Order no.
	Industrial holder MK2 With automatic interior cooling For the MAG 50 For the B 32/3 only in conjunction with the reducing sleeve MK 3 / MK 2 (635143000) Drill spindle holder: Morse arbor MK 2 Tool holder: Weldon shaft 19 mm (3/4")	626602000*
	Industrial holder MK3 With manual interior cooling For the B 32/3 and carbide core drill Ø 70-100 mm Drill spindle holder: Morse arbor MK 3 Tool holder: Weldon shaft 32 mm (1 1/4")	626603000
	Quick change system Simple and fast change of core drill without additional tools With automatic interior cooling For the MAG 50 For the B 32/3 only in conjunction with the reducing sleeve MK 3 / MK 2 (635143000) Drill spindle holder: Morse arbor MK 2 Tool holder: Weldon shaft 19 mm (3/4")	626604000

Adapter

		Order no.
	Adapter for Weldon to Fine Quick IN Incl. centering pin (overall length: 120 mm; Ø 6.35 mm) Drill spindle holder: Weldon shaft 19 mm (3/4") Tool holder: Fine QuickIN	626600000*
	Chuck adapter Weldon 19 mm (3/4") to 1/2" - 20 UNF Drill spindle holder: Weldon shaft 19 mm (3/4") Tool holder: 1/2" - 20 UNF	626611000*

Cooling lubricant

		Order no.
	Universal cutting spray ■ Extended service life for tools like e.g. core drill ■ Greater cutting speeds thanks to optimum cooling properties ■ Core drilling: use of cutting spray with overhead work, in horizontal position of MAG or when using the B 32/3 without automatic interior cooling	626606000

*Self-service packaging

Stirrer paddles

Type RS-R3 right spiral – mixing action from bottom to top
- Ideal for heavy and viscous materials
- Mixing action from bottom to top, agitator screws into the material by itself, bottom ring protects the container
- Particularly suited for all types of mortar, cement and lime plaster, adhesive binders, screeds, tile adhesive, quartz-filled epoxy resins, thermal insulation plaster, concrete, bitumen thick coating, etc.

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
120	590	15 - 25	M 14	626734000*
140	590	25 - 40	M 14	626735000*
160	590	30 - 60	M 14	626736000*

Type RS-R2 right spiral – mixing action from bottom to top
- Ideal for all sticky and viscous materials
- Mixing action from bottom to top, agitator screws into the material by itself, bottom ring protects the container
- Particularly suited for tile adhesive and construction adhesive, finished mortar and plaster, putties, screed, epoxy resin mixture, adhesive mortars etc.

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
100	590	10 - 15	Hexagon 13 mm	626737000*
120	590	10 - 15	M 14	626738000*
140	590	15 - 30	M 14	626739000*

Type RS-L2 left spiral – mixing action from top to bottom
- Ideal for runny materials
- Mixing action from top to bottom, the spirals push the material from top to bottom, bottom ring protects the container
- Particularly suited for paint, varnish, base coats, slightly creamy plasters, thin coatings, paste, casting compounds, dispersion adhesives
- Stirrer cage geometry and spiral optimised for splash-free working of runny materials

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
80	400	5 - 10	Hexagon 10 mm	626744000*
120	590	20 - 30	M 14	626745000*

Type RB 4, mixing without air pockets
- Ideal for all viscous materials which normally tend to cluster into lumps
- Impellers of the whisks generate a high vacuum and effectively prevent the addition of air to the mixture
- Particularly suited for self-levelling filler and levelling mixes, as well as adhesives and sealants, bitumen coatings, putty, epoxy resin coatings etc. ...

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
120	590	15 - 25	M 14	626741000*

Type SR 12 paddles – mixing action from top to bottom
- Ideal for all liquid and self-levelling materials
- Mixing action from top to bottom, the spirals push the material from top to bottom, bottom ring protects the container
- Quick and homogenous mixing of runny materials
- Particularly suited for the preparation of thin bed mortar for bonding blocks

Diameter mm	Length mm	Maximum material quantity kg	Shaft type	Order no.
120	590	20 - 40	M 14	626742000*
150	590	40 - 65	M 14	626743000*

*Self-service packaging

Screwdriver bits and socket wrenches

Screwdriver bits with 1/4" (6.35 mm) hexagonal shank

Screwdriver bits, torsion

- Screwdriving bits made from molybdenum vanadium steel (S2 quality) for high durability and forced closure with the screws
- The torsion zone permits to equalise torque peaks, since it absorbs forces and vibrations during the screwdriving process. High force load possible; prevents from premature breakage.
- 1/4" hex drive

	Bit size	Overall length mm	Sales unit	Order no.
NEW	**Phillips screwdriver bits, torsion**			
	1	25	3	628513000*
	2	25	3	628514000*
	3	25	3	628515000*
	2	49	3	628516000*
NEW	**Pozidriv screwdriver bits, torsion**			
	1	25	3	628517000*
	2	25	3	628518000*
	3	25	3	628519000*
	2	25	3	628520000*
NEW	**Bits for Torx screws, Torsion**			
	T10	25	3	628521000*
	T15	25	3	628522000*
	T20	25	3	628523000*
	T25	25	3	628524000*
	T30	25	3	628525000*
	T40	25	3	628526000*
	T50 for Power X3	35	2	625419000*
	T10	89	1	628527000*
	T15	89	1	628528000*
	T20	89	1	628529000*
	T25	89	1	628530000*
	T30	89	1	628531000*
	T40	89	1	628532000*

Screwdriver bits, diamond

- Screwdriving bits made from chrome vanadium steel (S2 quality) for high durabily and forced closure with the screws
- Special diamond coating for extremely safe fit in the screw. Reduction of the "come out" effect, thus significantly reduced workload
- The torsion zone permits to equalise torque peaks, since it absorbs forces and vibrations during the screwdriving process. High force load possible; prevents from premature breakage.
- 1/4" hex drive

	Bit size	Overall length mm	Sales unit	Order no.
NEW	**Phillips screwdriver bits, diamond**			
	1	25	3	628500000*
	2	25	3	628501000*
	3	25	3	628502000*

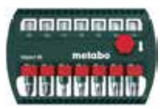
* Self-service packaging

	Bit size	Overall length mm	Sales unit	Order no.
NEW	**Pozidriv screwdriver bits, diamond**			
	1	25	3	628503000*
	2	25	3	628504000*
	3	25	3	628506000*
NEW	**Bits for Torx screws, diamond**			
	T10	25	3	628507000*
	T15	25	3	628508000*
	T20	25	3	628509000*
	T25	25	3	628510000*
	T30	25	3	628511000*
	T40	25	3	628512000*

Screwdriver bit sets

		Order no.
NEW	**Phillips bits** Consisting of Phillips bits, PH 1, PH 2 and PH 3(1 each)	628537000*
NEW	**Pozidriv bits** Consisting of Pozidriv bits, PZ 1, PZ 2 and PZ 3 (1 each)	628538000*
NEW	**Bits for Torx screws** Consisting of 1 bit each for Torx screws size T15, T20 and T25	628539000*

Screwdriver bit assortments, impact-proof

		Order no.
	Bit box impact 29 Consisting of: Pozidriv bits, sizes 2, 3 (torsion bits, 1 each size), 29 mm long for Torx screws, one bit each of size T 15, 20, 25, 30, 40 (torsion bits); 29 mm long 1 Bit holder Ideal for powerful drill/screwdrivers and impact drivers and wrenches	628849000*
	**Bit box impact 49** Consisting of: Pozidriv bits PZ, sizes 2, 3 (torsion bits, 1 each size), 49 mm long for Torx screws, one bit each of size T 15, 20, 25, 30, 40 (torsion bits); 49 mm long Ideal for powerful drill/screwdrivers and impact drivers and wrenches	628850000*

Accessory sets can be found in chapter 31, from page 288

Bit holders

		Order no.
NEW	**Bit holder, magnetic** With 1/4" (6.35 mm) hexagonal shank Magnetic bit holder with quick change function, for all standard screwdriver bits Overall length: 60 mm	628540000*
NEW	**Bit holder, magnetic** With 1/4" (6.35 mm) hexagonal shank Magnetic universal bit holder for all standard screwdriver bits Overall length: 52 mm	628541000*
NEW	**Bit holder with permanent magnet** With 1/4" (6.35 mm) hexagonal shank Bit holder with permanent magnet for all standard screwdriver bits Overall length: 52 mm	628542000*
NEW	**Bit holders** With 1/4" (6.35 mm) hexagonal shank Bit holder, non-magnetic with snap ring for all standard screwdriver bits Overall length: 52 mm	628543000*

Adapter and extensions

		Order no.
NEW	**Socket wrench extension 3/4" impact-proof** Overall length: 150 mm	628828000*
	Socket wrench extension 1/2" impact-proof Overall length 150 mm	628832000
NEW	**Adapter 1/4" to 1/2", impact-proof** Adapter 1/4" male hexagon to 1/2" male square Overall length: 72 mm	628838000*
	Connector 1/4" Overall length: 50 mm	628544000*
NEW	**Adapter 3/4" to 1/2", impact-proof** Adapter with 3/4" internal square on the machine side and 1/2" hexagon recess for impact-proof tools with 3/4" shank	628829000
NEW	**Adapter 1/2" to 1/4",3 pieces, impact-proof** Impact adapter 3 pieces (incl. safety ring and pin) with 1/2" internal square on the machine side and 1/4" hexagon recess for impact-proof tools with 1/4" shank	628837000*

Hexagonal socket wrench inserts 1/4" (6.35 mm) hexagon

- For screwdrivers and impact drivers with 1/4" holder
- Magnetic and impact-proof
- Made from chrome-vanadium steel, matt satin

Holder	Overall length mm	Key width	Order no.
1/4" (6.35 mm) hexagonal shank	65	8 mm	628843000*
1/4" (6.35 mm) hexagonal shank	65	10 mm	628845000*
1/4" (6.35 mm) hexagonal shank	65	13 mm	628847000*

*Self-service packaging

Socket wrench sets

		Order no.
	Socket wrench set 1/2" (10 pieces) Consisting of 10 socket wrenches (10, 11, 12, 13, 15, 17, 19, 21, 22, 24 mm)	628831000
	Socket wrench set 1/2" (3 pieces) Consisting of 3 socket wrenches (17, 19, 21mm) For alloy wheel caps, long version	628833000
	Socket wrench set 3/4" (8 pieces) Consisting of 8 socket wrenches (21, 22, 24, 26, 27, 28, 30, 32 mm)	628834000
	Socket wrench set 1" (8 pieces) Consisting of 8 socket wrenches (24, 27, 30 ,32, 33, 34, 36, 38mm) Deep version	628835000

Screw-type angle attachments

		Order no.
	Screw-type angle attachment ■ For inserting screws more easily into places difficult to reach ■ Suitable for cordless screwdrivers up to a maximum of 14 Nm and a maximum of 400 rpm ■ Width across corners only 30 mm ■ Magnetic bit holder ■ With 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ Suitable for forward and reverse rotation ■ Screw-type angle attachment with 105° inclination	630442000*
	Screw-type angle attachment ■ Screw-type angle attachment for professional use. ■ Suitable for cordless screwdrivers up to a maximum of 57 Nm and a maximum of 2,000 rpm ■ Width across corners only 50 mm ■ Bit holder with quick-action coupling ■ With 1/4" (6.35 mm) hexagonal shank ■ Gears made of special steel ■ Suitable for forward and reverse rotation ■ Support handle adjustable to 12 positions with lockable push-button ■ Screw-type angle attachment with 105° inclination ■ For inserting screws more easily into places difficult to reach	630463000*

Screwdriver magazine with accessories

		Order no.
	Screwdriver magazine SM 5-55 ■ Robust screwdriver magazine for Metabo drywall screwdriver ■ For inserting screws accurately in quick succession ■ Standard 50-screw strips can be used ■ For affixing screws 25-55 mm in length, maximum screw head Ø of 9.5 mm and maximum shaft Ø 5 mm ■ Precision adjustable screw depth ■ Screwdriver magazine removable for single-screw application Standard equipment: 2 x bits PH 2 x 180 mm suitable for: SE 2500 (620044), SE 4000 (620045), SE 6000 (620046), SE 18 LTX 2500 (620047), SE 18 LTX 4000 (620048), SE 18 LTX 6000 (620049)	631618000
	2 Bits PH 2 / 180 mm ■ Suitable for screwdriver magazine SM 5-55 Phillips bits Bit size: 2 Overall length: 180 mm Sales unit: 2	631582000

Suitable for any application

- **Extensive new range of circular saw blades for all applications**
- **Uniform differentiation thanks to colour coding system**
- **In "professional" and "classic" qualities**

"professional"

- Maximum cutting quality
- Particularly long service life
- Low noise and reduced vibrations

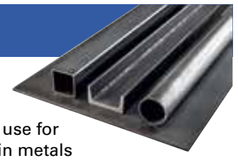
"classic"

- Solid blade
- Good cutting results

cordless cut wood

- Maximum runtime for cordless saws thanks to extra-thin cutting width and steel blade thickness
- Increased number of cuts per battery pack charge
- In "professional" and "classic" qualities

steel cut



- Universal use for cold cuts in metals
- Particularly suited for use in sheet steel, steel profiles and sandwich materials
- "Classic" quality

power cut wood

- For quick,coarse and medium-fine cuts
- In "professional" and "classic" qualities

aluminium cut

- Perfect cuts in aluminium thanks to special tooth geometry
- "Professional" quality

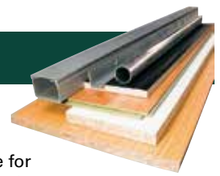
precision cut wood

- For very good, clean cutting results for longitudinal or cross-cuts
- In "professional" and "classic" qualities

fibercement cut

- Especially for use in cement and gypsum-bound fibre and chipboards
- Very long service life and high cutting quality thanks to PCD teeth
- "Professional" quality

multi cut

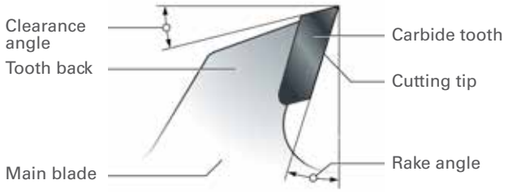


- Universal use for demanding materials
- Perfect cutting results
- In "professional" and "classic" qualities

laminate cut

- Perfect cuts in laminate thanks to special tooth geometry
- Reduction of vibration and noise thanks to laser ornaments
- "Professional" quality

Technical characteristics of the circular saw blades



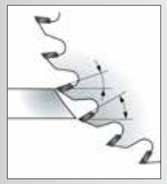
The rake angle
The rake angle influences the cut quality, feed and cutting forces. It always correlates to the desired entry and exit angles to the workpiece.

The size of the front rake angle depends on:
- The material to be processed (front rake angle decreasing: soft wood - hard wood - chip materials - non-ferrous metals)
- The respective cutting quality required on one or both edges

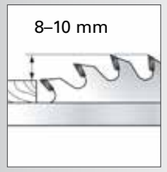
Positive and negative rake angle
Positive rake angle:
- Easy cutting action - fast cutting
- Cutting power in the direction of the workbench (hand-held circular saw)
- Workpiece edge: clean on the underside, without splinter guard poor on the upside

Negative rake angle:
- More difficult cutting process - higher cutting power required from machine
- Cutting force in the direction of the workpiece support (mitre saws)
- Workpiece edge on the upper side better than on the underside

The clearance angle
If the clearance angle is too low, chip removal by the next tooth is not possible. A large clearance angle facilitates large chip removal. This is necessary for greater feeds.



Entry and exit angles on the workpiece
In most cases, the exit angle is unfavourable as opposed to the entry angle. For this reason the "good side" should be positioned upside down.



Saw blade projection
With increasing saw blade projection, the quality on the exit side decreases. It does not however improve on the entry side due to the lack of guidance effect. The ideal saw blade projection is between 8 and 10 mm.

Steel blade thickness
- Thinner blades are suited for thinner materials and require less power. Ideal for cordless applications.
- Thicker blades are particularly stable and are therefore suited for precise cuts in thicker materials on powerful saws.

Tooth shapes on the circular saw blades

WZ alternately bevel-ground tooth
- Exceptionally clean cuts in all softwoods and hardwoods, wood-fibre, laminate and plastic materials
- Easy to sharpen.
- With negative rake angle: Use on mitre saws

FZ flat tooth
- Ideal for fast and coarse lengthwise cuts in solid wood
- Simple to maintain

FZ/TZ flat/trapezoid tooth
- Ideal for aluminium, copper and brass facing, plastic, coated chipboard and MDF boards and other wooden materials
- Very clean cuts
- With negative rake angle: Use on mitre saws

FZ/FA flat tooth/chamfered flat tooth
- Used primarily for construction site and table saws, but also for high-output hand-held circular saws
- Perfectly suited for construction wood, plywood boards (also with nails and concrete residue), chipboards
- Extremely robust teeth

DZ/HZ roof/hollow tooth
- Ideal for boards coated on both sides
- Very precise and splinter-free cuts

- Diamond mounted for very long tool life
- PCD teeth exclusively in "fibercement cut" circular saw blades

SP/NV pointed tooth, KV wolf tooth
- Used for construction site saws and log cutting saws or high-performance table saws
- Tooth shape only with circular saw blades made from chrome-vanadium steel

Which circular saw blade is suited to which machine?

	Ø	Ø Bo
AEG		
KS 55-2	165	20
KS 66-2, KS 12-1, KS 15-1, BKS 18 BL	190	30
PS 216 L	216	30
TS 250 K; PS 254 L	254	30
PS 305 DG	305	30
Alko		
Pro 250 GK	250	20
Pro-X, Holzmeister H/S/ NHS, Hobby, Basic, HS/3/4	315	30
W 450/500	450	30
W 50 Profil	500	30
RM 60, W 60	600	30
RM 70, R Z70, TWM 70, TWZ 70, W 70	700	30
Atika		
KGSZ 210	210	30
Toptronic, PTK 250 S	250	30
KGSZ 305	305	30
ATK 315H, BTA 90, HAT 315, HT 315	315	30
ABH 400, ABK 400, BTK 400, BTH 400	400	30
BTK 450, BTH 450, BTU 450, ABH 450, ABK 450, ATU, BWK 450	450	30
ABH 500, ABK 500, BWK 500, BTK 500, BTH 500	500	30
BWK 600	600	30
T 250 N, T 250 ECO, TK 250	250	30
Atlas Copco		
SGS 66 Q, K 66 SE	190	30
HK 75	210	30
K 55 S	160	20
MS 3 C	250	30
MS 305 DB	305	30
Avola		
LH 315, TZV 315	315	30
ZB 400, ZBV 400	400	30
ZB 450, ZBV 450, IC 450	450	30
ZB 500, ZBV 550	500	30
KWK 600, RK 600	600	30
KWK 700	700	30
TZH 350	350	30
BGU		
WK 600 W, WK 600/B, KS 600	600	30
WK 780 W, WK 700 Z, WTK 710 EZ, KS 700	700	30
RK 775, WK 700		
Bosch		
PKS 16 Multi	65	15
GKS 12V-26, UniversalCirc 12	85	15
PKS 40	130	16
PKS 18 LI	150	16
PKS 55A	160	20
GKT 55 GCE, GKS 18V-57 G, GKS 18 V-LI, GKS 55+ G, GKS 55+ GCE	165	20
GKS 190, GKS 55/55 CE, GKS 65/65, GCE/66/66, PKS 66, CE/68 BC, GKS 18V-68 C, GKS 18V-68 GC	190	30
GKS 75 S	210	30
GCM 800 SJ/8 SDE/8 SJL, PCM 8	216	30
GKS 85 S	230	30
GKS 85, GKS 85 G	235	30
GCM 10 S/SD, PTS 10, GTS 10 J/ XC	254	30
GCM 12, 12 GDL/SDE/JL, GTM 12 JL	305	30

	Ø	Ø Bo
DeWalt		
DWE560	184	16
DCS373	140	20
DW 351	152	20
DC 930KA/KB, DCS 931N/ NT, DWS 520 K/ KR, DWE 550, DCS 520NT/T2, DCS391, DCS520	165	20
D23650, DW 365/65/2365K, DWE575K, DWE576K, DCS 575 T2/NT, DCS 576 T2/NT	190	30
DCS 7485	210	30
DW 700/701/707/712/770/ 771/777, DCS 777 T2/N, DWS 773/774/777	216	30
DW 383, D 23700	235	30
DW125/1251/150/1501/1503/ 250/252/320/702/703/710/ 717/717XPS/720/742/743/ 743N/744/745/746/S778/ 744XP/745, DWS778, DCS 778 T2/N	250	30
1875, 2151, 2154, 2155, 1635-3L/-4L, 21553 3L, DW1370/160DS/305/ 8001/8002/8003, 142 DS, 160 DS, 1635, DW 810, DW 721/721KN/722/725/ 726/8101/8012/8103	300	30
DW704/705/706/708/716/ 716 E/718, D27105/27107/ 27107XPS/27111/27112/ 27113, DWS780, DHS 780 T2A	305	30
D27400	315	30
DW1420S/1600S/729KN	350	30
C14,1635, 6L, 2155, 6, 163546+62, 2155-4+6, C	400	30
6K/L, BK, DA 1635	500	30
Festool		
AP 553, ATF 55 FS, AT 55 EFS/55 EB, AP 55/55 E/55 EB, ATF 55/55 E/55 EB, TS 55/55 RQ-Plus, TSC 55 Li REB-Basic, HK 55 EBQ-Plus, HKC 55 EB Li-Basic	160	20
AT 65/65 E, AT 65 FS, ATF 65 B/65 E, AT 66, AP 65/65 E/65 EB	190	30
TS 75/75 EBQ	210	30
Symetric SYM 70/SYM 70 E	216	30
HK 85 EB	230	30
HK 132 E	350	30
Güde		
KS 18-0	150	10
KS 55-1300	160	20
KS 20-201-24, TS 57-1200, TS 57-1400	165	20
KS 66-1600 L	190	20
GKS 190	190	30
GKS 1100 P, KT 210, GUKS, GKS 210 A	210	30
GWS 600 EC	220	30
GTKS 315	315	30
QWS 600	600	30
GWS 700, GWS 700 EC	700	30
GTKS 2200	315	30
GKS 250 L, TK 2400, TKGS 1800	250	20
GFO 1801	254	20
GFO 1401	216	30
Hikoki		
CD3605	125	20
C18DBAL, C3606	165	20
C9BU3, C9U3	235	30

	Ø	Ø Bo
Hitachi		
C6DA, FC6DA	160	20
C6MEY, C6 BUM/U3	165	20
FC7SA, PSM-7, PSU-7, C 7BU2/7U2/7MFA, C7 BU3/ BUM/U3, C7U2	190	30
C8U/FA, C8FC, CSU, CU8, PSM-8, PSU-8	210	30
C8FAFC/FS, C 8FSHE	216	30
C 12 LCH, C 12 YA/YB, C 12 LSH, C12 RSH2	305	30
PSU13	315	30
Mafell		
KSP 40, KSS 300, KSS 40 18M bl	120	20
A 55, B 55, FU 55, KSS 400, KSS 330, MKS 55, MS 55, MT 55, PS 52/5 S, X 55, XE 55, KST 55, KSS 400/ 400 36V, PS 3100 SE, KSP 55/55 F, KST 55, KS 320, PSS 3100	160	20
MT 55 18 M bl, MT 55 cc	162	20
KSS 50/K55, K 55 cc, K 55 18M bl, KSS 50 cc, KSS 50 18 M bl	168	20
K 60 18 M bl, K 65 cc, K 65 18M bl, KSS 60 cc, KSS 60 18M bl	185	20
KSP 65 F, MKS 65, ERIKA 60, KS 65, MS 65	190	30
MKS 75/85 S, MS 75	210	30
KSP 85/85 F	230	30
K 85 Ec, KSS 80 Ec	237	30
ERIKA 85 L, MKS 85 S, MS 85, ERIKA 85 Ec	250	30
BIBER, BIBEREX, FS 85, MKS 105/105 E, MONIKA, TFK 85/8	315	30
MKS 130 Ec	330	30
BSK 4/5/6, MKS 125, SF 32	350	30
MKS 145 Ec	370	30
AZB, BK 3, FKB 150, FS 130 K/130 S, TD 3, TDH 4, TK 150, VKS 130/ 160, BSK 4, THD 425, TFS 1305	400	30
MKS 165 Ec	410	30
BK 4, BKV 4, BKS 5/6, FSG 165 K, MKS 185 E, TDH 450/5, FSG 200/240 K	450	30
170, BKV5	500	30
FSG 240, TSG 240	600	30
Makita		
DSS501Z	136	20
DCS551Y1J, DCS 551 RTJ, DCS553Z	150	20
5600 BR/NB/RDW, SR 1600	160	20
5017 RKB	165	30
5603 R, 5604 R, DHS 630 RTJ/ Y1J/ 680 RTJ/ Y1J/ Z, DSP 600 ZJ, DLS 600 Z, HS 6101 J/ J1, SP6000 J1/SP1, DHS680RTJ, DHS660RTJ, HS6601J	165	20
3501, 5800 RB, LS0714FB, DLS713RME/ DLS713Z/DLS714Z, DLS 713 RTE	190	20
DRS780Z	185	30
5017 R, 5017RKB	190	30
5704 R, 5704RJ, 5703 R, 2705 R, HS7101J1, DHS710ZJ, HS7611, HS 7601 J, DRS780Z, HS004GZ01, DHS783ZJU	190	30
LS 0810	210	30
LS0815FL	216	30

	Ø	Ø Bo
5903 R, 5900/BR, SR 2300, DHS900Z	235	30
5143 R	250	30
5103R, HS0600	270	30
LH1200FL, LH 1201 FL, LS1216LB	305	30
5100 BR, 2712	315	30
MS 1400	350	30
Milwaukee		
M12 CCS44	140	20
M18 FMCS	150	20
CS 55	160	20
HD28 MS	174	20
SCS 65 Q, M18 CCS66, M18 FCS66, M18 BLCS66, M18 FCSRH66, M18 FCSG66	190	30
CS 75	210	30
MS 216 SB, M18 SMS216	216	30
MS 3 C, MS 305 DB	250	20
F18 FMS 254	254	30
MS 305 DB	305	30
Scheppach		
PL55Li, PL55	160	20
CCS165-20	165	16
HM 80L/LXU, HS 80, PL75	210	30
HM 80MP	216	30
HS100	250	30
HM 100 LU, LXU, T	254	30
TK 1685 Magnum, TS 4000, Duo 7.0, Bestcombi 7.0	300	30
Capas 3, Capas 7.0, HM 120L	305	30
Forsato XL/XXL, TS 315, TS 310, TK, TKH, TKU, TS 4010, Tisa 5.0, HS 120	315	30
BSH 500/400	400	30
BS 500, BSH 500, WS 500	500	30
KE 6/60/6011, KH 6/60, KW 60/6011/611	600	30
KD 2700, KE 70/70 M, KEZ 700, KH 70, KW 2700/70/70 M, KWZ 7/700, Wox d700s	700	30
Precisa 6.0, Forsa 4.0/6.0, 8.0/9.0	315	30
Structo 5.0/7.0	500	30
Capas 5.0	254	30
SKIL		
5360, 5330	89	10
5740	130	16
3550, 3520	165	16
5255	170	16
5820, 5765, 5665	184	16
1054, 5830	190	16
1873, 1131, 1524 H, 1526 H, 1873 H	210	30
1866 H, 1886 H	230	30
1525 H, 1985 U, 1986 U, 1053	235	30
1899 H	250	30
Protool		
CSP 55/56	160	20
CSP 68	190	30
CSP 132	350	30

Ø	Diameter in mm
Ø Bo	Bore diameter in mm

"Cordless cut wood" circular saw blades

"Cordless cut wood" circular saw blades, professional quality, for circular saws

NEW

- Maximum runtime for cordless saws thanks to extra thin steel blade thickness and cutting width
- Significantly more cuts per battery pack charge compared to standard saw blades with the same long tool life
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
160 x 1,6 x 20 / 16	HW/CT	24	WZ	1,1	22°	KSAP 18, KSA 18 LTX	Cardboard box	628030000*
165 x 1,6 x 20	HW/CT	18	WZ	1,1	20°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	628294000*
165 x 1,6 x 20	HW/CT	36	WZ	1,1	15°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	628295000*

"Cordless cut wood" circular saw blades, professional quality, for semi-stationary circular saws

NEW

- Maximum runtime for cordless saws thanks to extra thin steel blade thickness and cutting width
- Significantly more cuts per battery pack charge compared to standard saw blades with the same long tool life
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel
- Secondary holder for circular saw blades with Ø 216

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 1,8 x 30	HW/CT	28	WZ	1,2	5° neg.	KS 18 LTX 216 / KGS 18 LTX 216	Cardboard box	628444000*
216 x 1,8 x 30	HW/CT	48	WZ	1,2	5° neg.	KS 18 LTX 216 / KGS 18 LTX 216	Cardboard box	628445000*

"Cordless cut wood" circular saw blades, classic quality, for circular saws

NEW

- Maximum runtime for cordless saws thanks to extra thin steel blade thickness and cutting width
- Significantly more cuts per battery pack charge compared to standard saw blades with the same long tool life

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
165 x 1,6 x 20	HW/CT	18	WZ	1,0	20°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	628272000*
165 x 1,6 x 20	HW/CT	18	WZ	1,0	20°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Blister	628650000*
165 x 1,6 x 20	HW/CT	36	WZ	1,0	15°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	628279000*
165 x 1,6 x 20	HW/CT	36	WZ	1,0	15	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Blister	628660000*

* Self-service packaging

"Cordless cut wood" circular saw blades, classic quality, for semi-stationary circular saws

NEW

- Maximum runtime for cordless saws thanks to extra thin steel blade thickness and cutting width
- Significantly more cuts per battery pack charge compared to standard saw blades with the same long tool life

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 1,8 x 30	HW/CT	28	WZ	1,2	5°	KS 18 LTX 216 / KGS 18 LTX 216	Cardboard box	628284000*
216 x 1,8 x 30	HW/CT	28	WZ	1,2	5°	KS 18 LTX 216 / KGS 18 LTX 216	Blister	628665000*
216 x 1,8 x 30	HW/CT	40	WZ	1,2	5°	KS 18 LTX 216 / KGS 18 LTX 216	Cardboard box	628065000*
216 x 1,8 x 30	HW/CT	40	WZ	1,2	5°	KS 18 LTX 216 / KGS 18 LTX 216	Blister	628654000*

"Power cut wood" circular saw blades

"Power cut wood" circular saw blades, professional quality for circular saws

- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
152 x 2,4 x 20	HW/CT	12	FZ	1,6	15°	Ks 0852 S	Cardboard box	628001000*
160 x 2,2 x 20	HW/CT	10	WZ	1,4	22°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS / KS 55 / KS 55 FS	Cardboard box	628002000*
160 x 2,2 x 20	HW/CT	30	WZ	1,4	5°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS	Cardboard box	628071000*
165 x 2,2 x 20	HW/CT	14	FZ/FA	1,4	10°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box NEW	628292000*
190 x 2,6 x 20	HW/CT	14	WZ	1,8	25°	Ks 1266 S / Ks 1468 S	Cardboard box	628004000*
190 x 2,2 x 30	HW/CT	14	WZ	1,4	25°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628005000*
190 x 2,2 x 30	HW/CT	16	FZ/FA	1,4	12°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628006000*
210 x 2,6 x 30	HW/CT	16	FZ	1,8	25°	Ks E 1678 S-Signal	Cardboard box	628007000*
230 x 2,6 x 30	HW/CT	18	FZ/FA	1,8	10°	KS 85	Cardboard box	628010000*
230 x 2,6 x 30	HW/CT	24	WZ	1,8	20°	KS 85	Cardboard box	628011000*
235 x 2,6 x 30	HW/CT	18	FZ/FA	1,8	10°	KS 85 FS	Cardboard box NEW	628492000*
235 x 2,6 x 30	HW/CT	24	WZ	1,8	20°	KS 85 FS	Cardboard box NEW	628493000*

* Self-service packaging

"Power cut wood" circular saw blades, professional quality, for semi-stationary circular saws

- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel
- Secondary holder for circular saw blades with Ø 216, 250, 254 and over 300 mm

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 2,4 x 30	HW/CT	20	WZ	1,8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Cardboard box	628230000*
216 x 2,4 x 30	HW/CT	24	WZ	1,8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 216 / KGSV 72 Xact / KGSV 72 Xact SYM	Cardboard box	628009000*
250 x 2,8 x 30	HW/CT	24	WZ	2,0	25°	PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310 / PK 250	Cardboard box	628012000*
250 x 2,8 x 30	HW/CT	24	WZ	2,0	3° neg.	KS 250, KGS 301 / KGS 303 / KGS 331	Cardboard box	628013000*
254 x 2,4 x 30	HW/CT	24	WZ	1,6	20°	TS 254 / TK 250 / TS 254 M	Cardboard box	628025000*
254 x 2,4 x 30	HW/CT	24	WZ	1,8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	Cardboard box	628220000*
300 x 2,8 x 30	HW/CT	28	WZ	1,8	15°	PK 300 / PKV 300 G to 1996	Cardboard box	628014000*
315 x 2,8 x 30	HW/CT	20	FZ	1,8	22°	TKHS 315 / KGT 300	Cardboard box	628015000*
315 x 3,0 x 30	HW/CT	24	WZ	2,0	20°	TKHS 315	Cardboard box	628016000*
350 x 2,8 x 30	HW/CT	22	FZ	1,8	22°	TK 350 to 1983	Cardboard box	628017000*
400 x 3,5 x 30	HW/CT	28	FZ/FA	2,5	10°	BKS 400 Plus	Cardboard box	628018000*
450 x 3,5 x 30	HW/CT	32	FZ/FA	2,5	10°	BKS 450 Plus / BKH 450 Plus	Cardboard box	628020000*
600 x 3,8 x 30	HW/CT	36	WZ	2,8		BW 600	Cardboard box	628023000*
700 x 4,2 x 30	HW/CT	42	WZ	3,2		BW 750 / BW 700 to 1993	Cardboard box	628024000*

"Power cut wood" circular saw blades, classic quality, for circular saws

NEW

- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
235 x 2,8 x 30	HW/CT	24	WZ	2,0	18°	KS 85 FS	Cardboard box	628677000*
235 x 2,8 x 30	HW/CT	24	WZ	2,0	18°	KS 85 FS	Blister	628678000*

"Power cut wood" circular saw blades, classic quality, for semi-stationary circular saws

NEW

- Extremely robust and durable. Especially for use in construction wood with nails and concrete residues.
- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
400 / 30 x 3,2	HW/CT	28	TZ	2,2	15°	BKS 400 Plus	Cardboard box	628647000*
450 / 30 x 3,5	HW/CT	32	TZ	2,5	15°	BKS 450 Plus / BKH 450 Plus	Cardboard box	628648000*
500 / 30 x 3,8	HW/CT	36	TZ	2,8	15°		Cardboard box	628649000*

"Power cut wood" chrome-vanadium circular saw blades, for semi-stationary circular saws

- For coarse and semi-fine cuts with continuous feed. Ideal for high feed rate / low power consumption machines
- Good cutting results for straight cuts in solid wood
- Partially suitable for construction wood with nails and concrete residue
- On coated wood or other composites, only coarse cut quality is possible

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Suitable for	Packaging	Order no.
315 x 1,8 x 30	CV	56	KV	1,8	TKHS 315	Cardboard box	628100000*
315 x 1,8 x 30	CV	80	NV	1,8	TKHS 315	Cardboard box	628101000*
350 x 1,8 x 30	CV	56	NV	1,8	TK 350 to 1983	Cardboard box	628102000*
400 x 2 x 30	CV	56	KV	2,0	BKS 400 Plus	Cardboard box	628105000*
450 x 2,2 x 30	CV	56	WZ	2,2	BKS 450 Plus / BKH 450 Plus	Cardboard box	628094000*
500 x 2,5 x 30	CV	56	KV	2,5	BW 500 to 1998	Cardboard box	628108000*
600 x 2,8 x 30	CV	56	KV	2,8	BW 600	Cardboard box	628109000*
700 x 2,8 x 30	CV	56	KV	2,8	BW 750 / BW 700 to 1993	Cardboard box	628110000*

"Precision cut wood" circular saw blades

"Precision cut wood" circular saw blades, professional quality, for circular saws

- Very wide range of uses in wood processing
- For very good, clean cutting results for longitudinal or cross-cuts in softwood and hardwood
- Perfectly suited for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
160 x 2,2 x 20	HW/CT	24	WZ	1,4	20°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus, KS 55 / KS 55 FS	Cardboard box	628031000*
160 x 2,2 x 20	HW/CT	42	WZ	1,4	15°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus, KS 55 / KS 55 FS	Cardboard box	628072000*
165 x 2,2 x 20	HW/CT	24	WZ	1,4	20°	KS 18 LTX 57, KT 18 LTX 66 BL, KS 18 LTX 66 BL	Cardboard box NEW	628290000*
165 x 2,2 x 20	HW/CT	42	WZ	1,4	15°	KS 18 LTX 57, KT 18 LTX 66 BL, KS 18 LTX 66 BL	Cardboard box NEW	628291000*
190 x 2,6 x 20	HW/CT	48	WZ	1,8	10°	Ks 1266 S / Ks 1468 S	Cardboard box	628034000*

* Self-service packaging

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
190 x 2,2 x 30	HW/CT	48	WZ	1,4	15°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628035000*
210 x 2,6 x 30	HW/CT	56	WZ	1,8	10°	Ks E 1678 S-Signal	Cardboard box	628040000*
230 x 2,6 x 30	HW/CT	56	WZ	1,8	15°	KS 85	Cardboard box	628044000*
235 x 2,6 x 30	HW/CT	44	WZ	1,8	15°	KS 85 FS	Cardboard box	628494000*

"Precision cut wood" circular saw blades, professional quality, for semi-stationary circular saws

- Very wide range of uses in wood processing
- For very good, clean cutting results for longitudinal or cross-cuts in softwood and hardwood
- Perfectly suited for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel
- Secondary holder for circular saw blades with Ø 216, 250, 254 and over 300 mm

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
210 x 2,4 x 30	HW/CT	40	WZ	1,8	3°	KS 210 / KGS 255 / PK 200 / UK 220	Cardboard box	628037000*
216 x 2,4 x 30	HW/CT	48	WZ	1,8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Cardboard box	628041000*
220 x 2,4 x 30	HW/CT	36	WZ	1,6	10°	UK 290 / UK 333 / Secanta	Cardboard box	628042000*
220 x 2,6 x 30	HW/CT	48	DZ/HZ	1,6	10°	UK 290 / UK 333 / Secanta	Cardboard box	628043000*
250 x 2,8 x 30	HW/CT	34	WZ	1,8	15°	KGT 500 / KGT 501 / KGT 550 / PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310	Cardboard box	628045000*
250 x 2,8 x 30	HW/CT	42	WZ	1,8	15°	KGT 500 / KGT 501 / KGT 550 / PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310 / PK 250	Cardboard box	628046000*
250 x 2,4 x 30	HW/CT	60	WZ	1,8	5° neg.	KS 250, KGS 301 / KGS 303 / KGS 331	Cardboard box	628048000*
250 x 2,8 x 30	HW/CT	60	WZ	1,8	15°	TS 250, PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310 / PK 250	Cardboard box	628049000*
254 x 2,4 x 30	HW/CT	40	WZ	1,6	20°	TS 254, TK 250, TS 254 M	Cardboard box	628059000*
254 x 2,4 x 30	HW/CT	48	WZ	1,8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	Cardboard box	628221000*
254 x 2,4 x 30	HW/CT	60	WZ	1,8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	Cardboard box	628222000*
300 x 2,8 x 30	HW/CT	48	WZ	1,8	15°	PK 300 / PKV 300 G to 1996	Cardboard box	628051000*
300 x 2,8 x 30	HW/CT	72	WZ	1,8	10°	PK 300 / PKV 300 G to 1996	Cardboard box	628053000*
305 x 2,4 x 30	HW/CT	48	WZ	1,8	5° neg.	KS 305 Plus / KGS 305 / KS 305 M / KGS 305 M / KGT 305 M	Cardboard box	628227000*
305 x 2,4 x 30	HW/CT	60	WZ	1,8	5° neg.	KS 305 Plus / KGS 305 / KS 305 M / KGS 305 M / KGT 305 M	Cardboard box	628228000*
305 x 2,4 x 30	HW/CT	84	WZ	1,8	5° neg.	KS 305 Plus / KGS 305 / KS 305 M / KGS 305 M / KGT 305 M	Cardboard box	628229000*
315 x 2,4 x 30	HW/CT	48	WZ	1,8	5° neg.	KGS 315 Plus	Cardboard box	628224000*
315 x 2,4 x 30	HW/CT	84	WZ	1,8	5° neg.	KGS 315 Plus	Cardboard box	628225000*
315 x 2,8 x 30	HW/CT	48	WZ	1,8	15°	TKHS 315	Cardboard box	628056000*
315 x 2,8 x 30	HW/CT	48	WZ	1,8	0°	KGT 300 / TKHS 315	Cardboard box	628057000*
315 x 2,8 x 30	HW/CT	84	WZ	1,8	10°	KGT 300, TKHS 315	Cardboard box	628058000*

"Precision cut wood" circular saw blades, classic quality, for circular saws

NEW

- Very wide range of uses in wood processing
- For clean cutting results for ripping or cross cutting in softwood and hardwood
- Suitable for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
160 x 2,2 x 20	HW/CT	36	WZ	1,4	10°	KS 55 / KS 55 FS / KS 54 / KSE 55 Plus / KSE 55 Vario Plus	Cardboard box	628278000*
160 x 2,2 x 20	HW/CT	36	WZ	1,4	10°	KS 55 / KS 55 FS / KS 54 / KSE 55 Plus / KSE 55 Vario Plus	Blister	628659000*
165 x 2,2 x 20	HW/CT	36	WZ	1,4	15°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	628281000*
165 x 2,2 x 20	HW/CT	36	WZ	1,4	15°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Blister	628662000*
165 x 1,8 x 20	HW/CT	42	WZ	1,2	5°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	628026000*
165 x 1,8 x 20	HW/CT	42	WZ	1,2	5°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Blister	628027000*
190 x 2,0 x 30	HW/CT	24	WZ	1,4	15°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628675000*
190 x 2,0 x 30	HW/CT	24	WZ	1,4	15°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Blister	628676000*
190 x 2,2 x 30	HW/CT	48	WZ	1,4	15°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628283000*
190 x 2,2 x 30	HW/CT	48	WZ	1,4	15°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Blister	628664000*
235 x 2,8 x 30	HW/CT	40	WZ	2,0	15°	KS 85 FS	Cardboard box	628679000*
235 x 2,8 x 30	HW/CT	40	WZ	2,0	15°	KS 85 FS	Blister	628680000*

"Precision cut wood" circular saw blades, classic quality, for semi-stationary circular saws

- Very wide range of uses in wood processing
- For clean cutting results for ripping or cross cutting in softwood and hardwood
- Suitable for hard wood and plywood, untreated chipboards, coated or veneered, MDF, composite materials
- High power consumption so the saw must have a high performance motor

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 2,4 x 30	HW/CT	30	WZ	1,6	22°	TS 216 / TS 216 Floor	Cardboard box	628062000*
216 x 2,4 x 30	HW/CT	30	WZ	1,6	22°	TS 216 / TS 216 Floor	Blister NEW	628653000*
216 x 2,4 x 30	HW/CT	40	WZ	1,8	5° neg.	KS 216 M Lasercut / KGS 216 M, KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Cardboard box	628060000*
216 x 2,4 x 30	HW/CT	40	WZ	1,8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Blister NEW	628652000*
254 x 2,4 x 30	HW/CT	40	WZ	1,6	20°	TS 254 / TS 254 M	Cardboard box NEW	628325000*
254 x 2,4 x 30	HW/CT	40	WZ	1,6	20°	TS 254 / TS 254 M	Blister NEW	628326000*
254 x 2,4 x 30	HW/CT	48	WZ	1,8	5° neg.	KGS 254 M	Cardboard box	628061000*
254 x 2,4 x 30	HW/CT	48	WZ	1,8	5° neg.	KGS 254 M	Blister NEW	628656000*
305 x 2,4 x 30	HW/CT	56	WZ	1,6	5° neg.	KS 305 M / KGS 305 M / KGT 305 M	Cardboard box	628064000*
305 x 2,4 x 30	HW/CT	56	WZ	1,6	5° neg.	KS 305 M / KGS 305 M / KGT 305 M	Blister NEW	628657000*

* Self-service packaging

Circular saw blades, "Multi Cut"

"Multi cut" circular saw blades, professional quality, for circular saws

- Universal use for demanding materials
- For the highest standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and bronze materials
- Ideally suited for many interior development applications
- Perfect cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
150 x 2,4 x 20	HW/CT	36	WZ	1,6	10°	Ks 0852 S	Cardboard box	628000000*
152 x 2,4 x 20	HW/CT	54	FZ/TZ	1,6	5° neg.	Ks 0852 S	Cardboard box	628070000*
160 x 2,2 x 20	HW/CT	54	FZ/TZ	1,4	8°	KS 54 / KSE 55 Plus / KSE 55 Vario Plus / KS 55 / KS 55 FS	Cardboard box	628073000*
165 x 2,2 x 20	HW/CT	54	FZ/TZ	1,4	5°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box NEW	628293000*
190 x 2,2 x 30	HW/CT	36	WZ	1,4	5°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628075000*
190 x 2,6 x 20	HW/CT	54	FZ/TZ	1,8	5° neg.	Ks 1266 S / Ks 1468 S	Cardboard box	628076000*
190 x 2,2 x 30	HW/CT	56	FZ/TZ	1,4	8°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	628077000*
230 x 2,6 x 30	HW/CT	60	WZ	1,8	5°	KS 85	Cardboard box	628085000*
235 x 2,4 x 30	HW/CT	60	FZ/TZ	1,8	5°	KS 85 FS	Cardboard box NEW	628495000*

"Multi cut" circular saw blades, professional quality, for semi-stationary circular saws

- Universal use for demanding materials
- For the highest standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and bronze materials
- Ideally suited for many interior development applications
- Perfect cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel
- Secondary holder for circular saw blades with Ø 216, 250, 254 and over 300 mm

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
210 x 2,4 x 30	HW/CT	64	FZ/TZ	1,6	5° neg.	KS 210 / KGS 255	Cardboard box	628082000*
216 x 2,4 x 30	HW/CT	60	FZ/TZ	1,8	5° neg.	KS 216 M Lasercut / KGS 216 M / KGS 216 Plus / KGSV 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Cardboard box	628083000*
216 x 2,4 x 30	HW/CT	64	FZ/TZ	1,6	10°	TS 216 / TS 216 Floor	Cardboard box	628063000*
220 x 2,6 x 30	HW/CT	80	FZ/TZ	1,6	10°	UK 290 / UK 333 / Secanta	Cardboard box	628084000*
250 x 2,8 x 30	HW/CT	80	WZ	1,8	10°	KGT 500 / KGT 501 / KGT 550 / TS 250 / PKU 250 PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310	Cardboard box	628087000*
250 x 2,8 x 30	HW/CT	80	FZ/TZ	2,0	5° neg.	KGS 301 / KGS 303 / KGS 331 / KGT 500 / KGT 501 / KGT 550 / TS 250 /PKU 250 / PK 255 / PKF 255 / PKF 255 V8 / Multi 260 / Multi 310	Cardboard box	628088000*
254 x 2,4 x 30	HW/CT	80	FZ/TZ	1,6	5°	TS 254 / TK 250 / TS 254 M	Cardboard box	628093000*
254 x 2,4 x 30	HW/CT	80	FZ/TZ	1,8	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	Cardboard box	628223000*

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
300 x 2,8 x 30	HW/CT	96	FZ/TZ	2,2	6° neg.	PK 300 / PKV 300 G to 1996	Cardboard box	**628090000***
305 x 2,8 x 30	HW/CT	96	FZ/TZ	2,0	5° neg.	KGS 305 / KS 305 Plus / KS 305 M / KGS 305 M / KGT 305 M	Cardboard box	**628091000***
315 x 2,4 x 30	HW/CT	96	FZ/TZ	1,8	5° neg.	KGS 315 Plus	Cardboard box	**628226000***
315 x 2,8 x 30	HW/CT	96	FZ/TZ	2,0	5° neg.	KGS 315 Plus	Cardboard box	**628092000***

"Multi cut" circular saw blades, classic quality, for circular saws

NEW

- Universal use for demanding materials
- For high standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and brass materials
- Suitable for many interior development applications
- Good cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
160 x 2,2 x 20	HW/CT	42	FZ/TZ	1,4	5°	KS 55 / KS 55 FS	Cardboard box	**628277000***
160 x 2,2 x 20	HW/CT	42	FZ/TZ	1,4	5°	KS 55 / KS 55 FS	Blister	**628658000***
165 x 2,2 x 20	HW/CT	42	FZ/TZ	1,4	5°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	**628280000***
165 x 2,2 x 20	HW/CT	42	FZ/TZ	1,4	5°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Blister	**628661000***
190 x 2,2 x 30	HW/CT	54	FZ/TZ	1,4	5°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	**628282000***
190 x 2,2 x 30	HW/CT	54	FZ/TZ	1,4	5°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Blister	**628663000***

"Multi cut" circular saw blades, classic quality, for semi-stationary circular saws

NEW

- Universal use for demanding materials
- For high standards in cutting quality, e.g. for laminate, thin-walled plastic, aluminium, copper and brass materials
- Suitable for many interior development applications
- Good cutting results, also for cross-cuts in solid wood, coarse, coated or veneered chipboards, MDF
- The circular saw must have a very high performance power

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 2,4 x 30	HW/CT	60	FZ/TZ	1,8	5° neg.	KGSV 216 M, KS 216 M Lasercut / KGS 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Cardboard box	**628066000***
216 x 2,4 x 30	HW/CT	60	FZ/TZ	1,8	5° neg.	KGSV 216 M / KS 216 M Lasercut / KGS 216 M / KGSV 72 Xact / KGSV 72 Xact SYM	Blister	**628655000***
254 x 2,6 x 30	HW/CT	60	FZ/TZ	1,8	5° neg.	KGS 254 M	Cardboard box	**628285000***
254 x 2,6 x 30	HW/CT	60	FZ/TZ	1,8	5° neg.	KGS 254 M	Blister	**628666000***
305 x 3,0 x 30	HW/CT	80	FZ/TZ	2,2	5° neg.	KS 305 M / KGS 305 M / KGS 305 / KGT 305 M	Cardboard box	**628286000***
305 x 3,0 x 30	HW/CT	80	FZ/TZ	2,2	5° neg.	KS 305 M / KGS 305 M / KGS 305 / KGT 305 M	Blister	**628667000***

* Self-service packaging

"Steel cut" circular saw blades

"Steel cut" circular saw blades, classic quality, for circular saws

NEW

- Universal use for cold cuts in metals
- Particularly suited for use in sheet steel, steel profiles and sandwich materials
- Ø 165 mm: Fast, low-burr cuts thanks to extra thin steel blade for a high number of cuts per battery pack charge
- Fits all standard metal saws

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
165 x 1,6 x 20	HW/CT	40	FZFA/FZFA	1,2	4°	MKS 18 LTX 58	Cardboard box	**628273000***
165 x 1,6 x 20	HW/CT	40	FZFA/FZFA	1,2	4°	MKS 18 LTX 58	Blister	**628651000***

"Steel cut" circular saw blades, classic quality, for semi-stationary circular saws

NEW

- Universal use for cold cuts in metals
- Particularly suited for use in sheet steel, steel profiles and sandwich materials
- Fits all standard metal saws

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Packaging	Order no.
305 x 2,6 x 25,4	HW/CT	60	FZFA/FZFA	2,2	4°	Cardboard box	**628668000***
355 x 3,0 x 25,4	HW/CT	72	FZFA/FZFA	2,5	4°	Cardboard box	**628669000***

"Aluminium cut" circular saw blades

"Aluminium cut" circular saw blades, professional quality, for circular saws

NEW

- Perfect cuts in aluminium thanks to special tooth geometry
- Ø 160 and 165 mm: Fast, low-burr cuts thanks to extra thin steel blade for high number of cuts per battery pack charge
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
160 x 1,6 x 20	HW/CT	48	FZ/TZ	1,2	5° neg.	KS 18 LTX 57	Cardboard box	**628288000***
165 x 1,6 x 20	HW/CT	48	FZ/TZ	1,2	5° neg.	MKS 18 LTX 58 / KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	**628276000***
190 x 2,2 x 30	HW/CT	52	FZ/TZ	1,8	5° neg.	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	**628296000***

"Aluminium cut" circular saw blades, professional quality, for semi-stationary circular saws

NEW

- Perfect cuts in aluminium thanks to special tooth geometry
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel
- Secondary holder for circular saw blades with Ø 216, 254 and 305

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 2,2 x 30	HW/CT	58	FZ/TZ	1,8	5° neg.	KS 18 LTX 216 / KGS 18 LTX 216 / KGSV 72 Xact / KGSV 72 Xact SYM / KGSV 216 M / KS 216 M Lasercut / KGS 216 M / KGS 216 Plus	Cardboard box	**628443000***
254 x 2,4 x 30	HW/CT	72	FZ/TZ	2,0	5° neg.	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	Cardboard box	**628447000***
305 x 2,6 x 30	HW/CT	84	FZ/TZ	2,2	5° neg.	KS 305 M / KGS 305 M	Cardboard box	**628448000***

"Fibercement cut" circular saw blades

"Fibercement cut" circular saw blades, professional quality, for circular saws

NEW

- Especially for use in cement and gypsum-bound chipboards and fibreboards
- Very long service life and high cutting quality thanks to PCD teeth (polycristalline diamond) compared to carbide-tipped standard saw blades
- Low noise development with fast sawing progess at the same time

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
160 x 2,2 x 20	PCD	4	FZ	1,6	5°	KS 55 / KS 55 FS / KS 54 / KSE 55 Plus / KSE 55 Vario Plus	Cardboard box	**628287000***
165 x 2,2 x 20	PCD	4	FZ	1,6	5°	KS 18 LTX 57 / KT 18 LTX 66 BL / KS 18 LTX 66 BL	Cardboard box	**628289000***
190 x 2,2 x 30	PCD	4	FZ	1,6	5°	KS 66 / KS 66 Plus / KSE 68 Plus / KS 66 FS	Cardboard box	**628297000***

"Laminate cut" circular saw blades

"Laminate cut" circular saw blades, professional quality, for semi-stationary circular saws

NEW

- Precise, clean cuts in all types of laminate flooring thanks to specially developed tooth geometry
- Particularly long tool life thanks to best carbide quality and finely-ground teeth
- Precise, low-noise and vibration-minimised cuts thanks to lasered expansion slots (and partially laser ornaments) as well as lasered steel blades made from sintered steel
- Secondary holder for circular saw blades with Ø 216, 254

Diameter x cutting width x bore mm	Material	Number of teeth	Tooth shape	Steel blade thickness mm	Rake angle	Suitable for	Packaging	Order no.
216 x 2,4 x 30	HW/CT	60	FZ/TZ	1,8	0°	KS 18 LTX 216 / KGS 18 LTX 216 / KGSV 72 Xact / KGSV 72 Xact SYM / KGSV 216 M / KS 216 M Lasercut / KGS 216 M / KGS 216 Plus	Cardboard box	**628442000***
254 x 2,6 x 30	HW/CT	66	FZ/TZ	2,0	0°	KS 254 Plus / KGS 254 M / KGS 254 Plus / KGS 254 I Plus	Cardboard box	**628446000***

Reducing bushes for circular saw blades

	Order no.
Reducing bush ■ Ø 20 x 1.2 x 16 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	**623545000***
Reducing bush ■ Ø 30 x 1.2 x 16 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	**623546000***
Reducing bush ■ Ø 30 x 1.2 x 20 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	**623547000***
Reducing bush ■ Ø 30 x 1.2 x 25 mm ■ For circular saw blades with a steel blade thickness of 1.25 mm - max. 1.6 mm	**623548000***
Reducing bush ■ Ø 30 x 1.6 x 16 mm ■ For circular saw blades with a steel blade thickness of 1.65 mm - max. 2.2 mm	**623549000***
Reducing bush ■ Ø 30 x 1.6 x 20 mm ■ For circular saw blades with a steel blade thickness of 1.65 mm - max. 2.2 mm	**623550000***
Reducing bush ■ Ø 30 x 1.6 x 25 mm ■ For circular saw blades with a steel blade thickness of 1.65 mm - max. 2.2 mm	**623551000***

Cross cutting rails and guide rails

Cross cutting rails KFS

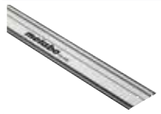
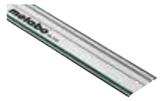
- Mobile, compact solution for angle-precise cross cuts directly at the application site, ideal on the roof or on mounted workpieces
- Can be coupled with the Metabo circular saws KS 18 LTX 66 BL, KS 18 LTX 57, KS 66 FS, KS 85 FS
- Angle cuts up to 60° click positions at standard angles
- The integrated return mechanism brings the saw back into the starting position after the cut
- Easy coupling with the circular saw thanks to quick closure
- Splinter protection reduces breakout when sawing
- Adhesive coating for safe, non-slip surface contact as well as protection of the workpiece surface

		Order no.
NEW	**Cross cutting rail KFS 30** Overall length: 690 mm Cutting length: 300 mm Weight: 1,400 g	**629015000***
NEW	**Cross cutting rail KFS 44** Overall length: 834 mm Cutting length: 440 mm Weight: 1,640 g	**629016000***
NEW	**Cross cutting rail KFS 70** Overall length: 1,094 mm Cutting length: 700 mm Weight: 2,140 g	**629017000***

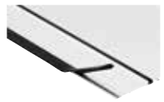
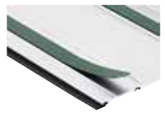
* Self-service packaging

Guide rails FS

- For straight and secure guidance
- Splinter protection reduces breakout when sawing
- Adhesive coating for safe, non-slip surface contact as well as protection of the workpiece surface
- With bores to fix the rail to the workpiece and for hanging storage
- Can be extended in length with the second guide rail and FSV connector (accessory)
- Compatible with many circular saws of other manufacturers that are suited for use with guide rails (Hikoki, Festool, Bosch, Makita, Hilti and others)

	Order no.
Guide rail FS 80 Suitable for Metabo hand-held circular saws Overall length: 80 cm	629010000*
Guide rail FS 160 Overall length: 160 cm	629011000*
Guide rail FS 160 With practical carry bag for safe storage and transport Overall length: 160 cm	629011700*
 **Guide rail FS 250** Suitable for Metabo hand-held circular saws Overall length: 250 cm	629013000
 **Guide rail FS 310** Overall length: 310 cm	629014000

Accessories for guide rails FS

	Order no.
Quick tensioning clamp FSSZ ■ For quick and safe fixing of guide rails from Metabo and other manufacturers ■ Solid hold even in case of vibrations ■ Clamping height 160 mm ■ For grooves 12 x 8 mm	629021000*
2 Tensioning clamps FSZ ■ For safe fixing of guide rails from Metabo and other manufacturers ■ 120 mm clamping height	631031000*
Connector FSV ■ For the tool-free connection of two guide rails for particularly long cuts ■ Can be pushed into the guide rail for storage ■ Suitable for the Metabo guide rails FS	629022000*
 **Splinter protection FSS** ■ Reduces tears in the workpiece ■ Roll with 3.5 m (as replacement) ■ Suitable for the Metabo guide rails FS	629023000*
 **Sliding coating FSG** ■ For easy gliding on the guide rail ■ Roll with 7 m (as replacement)	629024000*

* Self-service packaging

	Order no.
Adhesive coating FSH ■ For safe, non-slip hold as well as protection of the workpiece surface ■ Roll with 7 m (as replacement) ■ Suitable for the Metabo guide rails FS	629025000*
Mitre fence FSW ■ For precise alignment of the guide rail on the workpiece ■ Angle adjustable from -60° to +60° ■ Suitable for the Metabo guide rails FS	629026000*
Bag FST ■ Handy carry bag for safe storage and transport of the guide rail up to 160 cm ■ Suitable for Metabo guide rails FS 160	629020000
Guide plate ■ For use with the circular saws KSA 18 LTX, KSAP 18, KS 54 and KS 54 SP on the guide rail ■ Complete guide plate with 2 mounted aluminium threaded bushes for the circular saws	631019000
Adapter ■ For use with the KS 66 and KSE 68 Plus circular saws (old; order no. 600543) on the guide rail	631020000

Guide rail 31213

	Order no.
Guide rail 31213 ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: Metabo jigsaws, circular saws and router models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 1,500 mm	631213000
Connector ■ For the trouble-free joining together of two precision guide rails ■ Can only be used with guide rail 631213000	631211000*

Other accessories for hand-held circular saws

Rip fence KT

	Order no.
NEW **Parallel guide / rip fence** ■ Double-guided aluminium parallel guide/rip fence for precise saw cut along the workpiece edge ■ Adjustable on both sides by using scales on both guide rods ■ Maximum workpiece width when working with parallel guide/rip fence: mounted right 185 mm, mounted left 300 mm ■ Suitable for the cordless plunge cut circular saw KT 18 LTX 66 BL	628029000*

Sawdust ejection nozzle

	Order no.
Sawdust ejection nozzle ■ Can be rotated ■ For fitting the suction hose to the circular saw KS 54 and KSE 55 Plus	630924000*

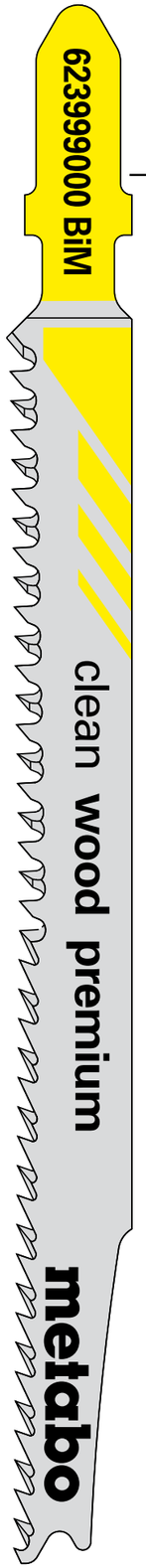
Dust bag

	Order no.
NEW **Dust bag** ■ Dust bag for working without vacuum cleaner ■ Volume 1.5 l ■ Suitable for circular saws KS 18 LTX 66 BL, KT 18 LTX 66 BL, KS 18 LTX 57, KS 66 FS, KS 85 FS	628028000*

Suction hose

	Order no.
 Suction hose Ø 27 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Rubber connector (internal Ø 30 mm, outside Ø 35 mm) Hose length: 3.5 m Hose-Ø, internal: 27 mm Hose-Ø, external: 33 mm Connection-Ø, external: 27 mm Bayonet connection: yes Rotation compensation: machine side	631938000

* Self-service packaging



- **Extensive range of jigsaw blades**
- **The right saw blade for all applications**
- **Concise subcategories: find the right saw blade fast**
- **Clear structure thanks to colour coding system**

Features of the Metabo jigsaw blades

Colour coding system

The colour indicates for which material the saw blade is best suited.

wood	Wood
wood + metal	Wood with nails/metal elements
metal	Metal
carbide	"Carbide": innovative carbide technology for excellent service life in wood and wood with nails/metal elements
expert	Special application in the field of building trade and renovation
expert carbide	Special applications in the field of building trade and renovation Very long service life thanks to carbide strip, welded-on carbide teeth or carbide mounting

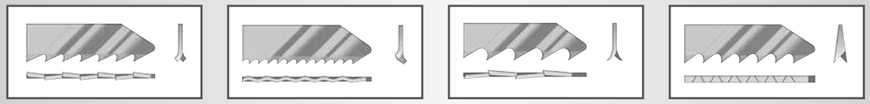
Application lines

wood	wood + metal	metal	expert
»basic wood«	»univeral wood + metal«	»basic metal«	»expert plastics«
»fast wood«	»carbide wood + metal«	»metal premium«	»expert plastics premium«*
»clean wood«		»metal sandwich«	»expert ceramics«*
»precision wood«		»universal metal«	»expert fiber + plaster«*
»fast wood premium«			»expert inox«*
»clean wood premium«			»expert aluminium«
»universal wood«			»expert soft materials«

*carbide

Steel blade material/saw blade teeth

HCS	Carbon steel, for cutting soft wood, hardboards, plastics
HSS	High yielding high-speed steel, suitable for metal, aluminium work
BiM	Bi-metal is an especially flexible mix of HCS and HSS. The saw blades have a much higher service life than HCS and HSS and have proven their worth when there is risk of the shaft breaking
HM/CT	Carbide: innovative carbide technology for excellent service life Carbide strip or mounting for very long service life



Teeth milled, offset for clearance gap
A relatively rough cut, fast progress in cutting on hard and soft wood, aluminium, non-ferrous metals and plastics

Teeth milled, waved for clearance gap
A fine cut with straight tool guidance in hard and soft wood, aluminium, non-ferrous metals and plastics

Teeth ground, offset for clearance gap
Fast cutting in hard and soft wood

Teeth ground, offset for clearance angle and clearance gap
Fine and clean cut in wood and plastics

Shank forms

The jigsaw blades from Metabo are produced with all shank forms matching the jigsaws of other brand names.

Single-lug shank

U-shank

Jigsaw blades

Wood

Order no. (corresponds to Bosch type)			623631000 (T 119 B)	623646000 (T 119 BO)	623632000 (T 111 C)		623633000 (T 144 D)	623921000 (T 144 D)	623649000 (T 244 D)	623960000* (T 244 D)	623678000 (T 344 D)	623603000 (T 744 D)		623651000 (T 101 AO)	623634000 (T 101 B)	623969000* (T 101 B)	623650000* (T 101 BR)	623635000 (T 101 D)	623923000* (T 101 D)			623654000 (T 301 CD)	623998000 (T 308 B)		623694000 (T 144 DP)	623679000 (T 344 DP)	623834000 (T 308 DP)	623835000 (T 1044 DP)		623933000 (T 144 DF)	623980000 (T 344 DF)		623695000 (T 101 AOF)	623948000 (T 101 AIF)	623975000 (T 101 BF)	623686000** (T 101 BRF)	623696000 (T 301 CDF)	623977000 (T 301 CLF)	623999000 (T 308 BF)		623675000* (T 234 X)		623949000 (T 111 HF)	623677000* (T 345 XF)		623677000* (T 367 XHM)
Material			HCS				HCS							HCS									HCS							BiM			BiM							HCS		BiM			HM
Material to be processed				For curved cuts	Fast, coarse		Universal, fast	Universal, fast	For curved cuts	For curved cuts	Fast, long	Extra long		For curved cuts	Clean	Clean	Clean						Very clean		Angle-precise	Angle precise, long	Angle-precise	Angle-precise, Extra long		Fast	Fast, long		For curved cuts	Clean	Clean	Clean		Fast	Very clean		Universal			Universal		Universal, extra long life
Soft wood	< 15 mm		■	■										■																		□												
	> 15 mm				■		■	■	■	■	■	■			■	■	■	■	■			■	■		■	■	■	■		■	■			■	■	■	■	■	■		■		■	■		■
Hard wood	< 20 mm		■	■										□																		■											□				
	> 20 mm				■		■	■	■	■	■	■			■	■	■	■	■			■	□		■	■	■	■		■	■			■	■	■	■	■	■		■		■	■		■
Chipboard/wood core plywood's	< 20 mm		■	■										□																		■											□				
	> 20 mm				■		■	■	■	■	■	■			■	■	■	■	■			■	■		■	■	■	■		■	■			■	■	■	■	■	■		■			■		■
Plastics	< 20 mm		■	■										■																		□											□				
	> 20 mm				■		□	□	□	□	□	□			■	■	■	□	□			□	□		□	□	□	□						□	■	■	■	□	■	□		■			■		■
Building/construction timber	< 60 mm				□																																									
	> 60 mm										□	■													□	□	□	■																		
Coated boards	< 30 mm		□	□										□																		■			■	■						□				
	> 30 mm														□	□	□					□	■								■	■			■		□	■		■		□				
Kitchen/worktops	< 30 mm		□	□																												■			■	■						□				
	> 30 mm																						■		■	■	■	■					■			■		■			■		□				
Laminates	< 20 mm		□	□																												■														
	< 30 mm																						■										■			■	■	■	□		■		□				
Wood + metal, wood + nails	< 60 mm																															■													■		■		■

»basic wood« »fast wood« »clean wood« »precision wood« »fast wood premium« »clean wood premium« »universal wood« »universal wood + metal« »carbide wood + metal«

Metal

Order no. (corresponds to Bosch type)			623636000 (T 118 G)	623637000 (T 118 A)	623924000* (T 118 A)	623647000 (T 218 A)	623926000* (T 218 A)	623629000 (T 318 A)	623638000 (T 118 B)	623925000* (T 118 B)	623697000 (T 318 B)		623971000 (T 118 AF)	623950000* (T 118 AF)	623978000 (T 318 AF)	623979000 (T 318 BF)	623970000 (T 118 EOF)	623973000 (T 118 BF)	623929000* (T 118 BF)		623604000 (T 718 BF)	623837000 (T 1018 AFP)		623676000* (T 123 XF)
Material			HSS										BiM								BiM			BiM
Material to be processed						For curved cuts	For curved cuts	Long			Long				Long	Long	For curved cuts				Extra long	Extra long		Universal
Steel sheets/ non-ferrous metals	< 1,5 mm		■		■		■						■	■										
	< 3,0 mm			■	■	■	■	■		■	■		■	■	■		■		■					■
	> 3,0 mm								■	■	■					■		■	■		■	■		■
Pipes/profiles	< 30 mm		■	■	■	■	■	■	■	■	■		■	■	■	■		■	■					■
	> 30 mm							■			■				■	■					■	■		
Sandwich materials	< 65 mm		□	□	□	□	□	■	□	□	□		□	□	■	■		□	□					□
	> 65 mm																				■	■		
Plastics	< 30 mm		□	□	□	□	□		□	□			□	□			□	□	□					□
	> 30 mm							□			□				■	■					■	■		

»basic metal« »metal premium« »metal sandwich« »universal metal«

Special applications

Order no. (corresponds to Bosch type)			623640000 (T 101 A)	623687000 (T 301 CHM)	623657000 (T 130 Riff)	623658000	623652000 (T 141 HM)	623671000 (T 341 HM)	623662000 (T 118 AHM)	623663000 (T 118 EHM)	623639000 (T 127 D)	623648000 (T 227 D)	623974000 (T 127 DF)	623641000 (T 113 A)	623684000 (T 313 AW)
Material			HSS	HM	Carbide, coated		HM		HM		HSS		BIM	HCS	
Material to be processed					Coarse	Fine					Fast	For curved cuts	Fast	Straight blade	Wavy blade
Stainless steel sheets (Inox) non-ferrous metals	1-2 mm								■						
	2-4 mm			■						■					
Glass-fibre reinforced plastic/Corian	4-60 mm				■	■	■	■							
Gypsum plaster/cement fibreboard	5-50 mm						■								
	5-80 mm							■							
Ceramic/glass					■	■									
Plexiglas/Polycarbonate	2-20 mm		■												
Polystyrene/cardboard/ leather/rubber/carpet	< 50 mm													■	■
Aluminium/NF metals	< 15 mm										■	■	■		

»expert plastics« »expert plastics premium« »expert ceramics« »expert fiber + plaster« »expert inox« »expert aluminium« »expert soft materials«

⇧ ⇧ ⇧ always use coolant lubrication when sawing aluminium

Legend

*progressively toothed = Tooth pitch ascending suitable for both thin and thick materials

**reversely toothed = clean cutting edges at the top, caution: deactivate the pendulum stroke!

■ Highly suitable □ Only suitable under certain circumstances

Jigsaw blades

Jigsaw blades with single-lug shank

"Basic wood" jigsaw blades

- Good cutting results with good tool life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Hard wood, soft wood, chipboards, wood-core plywood 2-15 mm, fibre boards 2-15 mm, plastics, insulating material							
Milled, wavy	HCS	51	1	2,0 mm/12 TPI	T 119 B	5	623631000*
Hard wood, soft wood, chipboards, wood-core plywood 2-20 mm, fibre boards 2-20 mm, plastics, insulating material, especially for curved cuts							
Milled, wavy	HCS	51	1	2,0 mm/12 TPI	T 119 BO	5	623646000*
						25	623605000*
Hard wood, soft wood, plastics 4-50 mm, for fast, rough cuts							
Milled, offset	HCS	74	1,25	3,0 mm/8 TPI	T 111 C	5	623632000*
						25	623606000*

"Fast wood" jigsaw blades

- Fast and straight cuts

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, for quick cuts							
Ground, offset	HCS	74	1,25	4,0 mm/6 TPI	T 144 D	3	623964000*
						5	623633000*
						25	623690000*
						100	623712000
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, for quick cuts, saw blade with plunge tip							
Ground, offset	HCS	74	1,25	4-5,2 mm/6-5 TPI/ Progressive	T 144 D	5	623921000*
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, especially for curved cuts							
Ground, offset	HCS	74	1,25	4,0 mm/6 TPI	T 244 D	5	623649000*
						25	623607000*
Hard wood, soft wood, chipboards, wood-core plywood 5-50 mm, especially for curved cuts, saw blade with plunge tip							
Ground, offset	HCS	74	1,25	4-5,2 mm/ 6-5 TPI/ Progressive	T 244 D	5	623960000*
Hard wood, soft wood, chipboards, wood-core plywood 2-15 mm, fibre boards, for quick cuts							
Ground, offset	HCS	126	1,25	4,0 mm/6 TPI	T 344 D	5	623678000*
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, construction wood, extra thick							
Ground, offset	HCS	155	1,5	4,0 mm/6 TPI	T 744 D	5	623603000*

"Clean wood" jigsaw blades

- Fast, clean and angle-precise

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Soft wood, plywood, plastics 1.5-5 mm, especially for clean cuts, especially for curved cuts							
Clearance angle offset, pointed teeth	HCS	57	1,25	1,4 mm/18 TPI	T 101 AO	5	623651000*
						25	623624000*

*Self-service packaging

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, plastics 3-30 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	74	1,5	2,5 mm/10 TPI	T 101 B	3	623961000*
						5	623634000*
						25	623691000*
						100	623703000
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, plastics 3-30 mm, for clean cuts, saw blade with plunge tip							
Clearance angle offset, tooth ground	HCS	74	1,5	2,7 mm/9 TPI	T 101 B	5	623969000*
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, coated boards 3-30 mm, for clean cuts, Caution: deactivate the pendulum stroke!							
Clearance angle, tooth ground reverse gearing	HCS	74	1,5	2,5 mm/10 TPI	T 101 BR	5	623650000*
						25	623608000*
Hard wood, soft wood, chipboards, wood-core plywood 10-45 mm, fibre boards 10-45 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	74	1,5	4,0 mm/6 TPI	T 101 D	3	623962000*
						5	623635000*
						25	623609000*
						100	623704000
Hard wood, soft wood, chipboards, wood-core plywood 10-45 mm, fibre boards 10-45 mm, for clean cuts, saw blade with plunge tip							
Clearance angle offset, tooth ground	HCS	74	1,5	4-5,2 mm/ 6-5 TPI/ Progressive	T 101 D	5	623923000*
Hard wood, soft wood, chipboards, wood-core plywood 4-60 mm, fibre boards 4-60 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	91	1,5	3,0 mm/8 TPI	T 301 CD	5	623654000*
Perfect on both sides, splinter-free cutting results, for fast cuts, soft wood, Attention: deactivate pendulum stroke!							
Clearance angle offset, tooth ground	HCS	93	1,5	2,2 mm/12 TPI	T 308 B	5	623998000*

"Precision wood" jigsaw blades

- Extremely robust thanks to extra thick saw blade
- Precise angle cuts

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Hard wood, soft wood, doors, kitchen counters 5-50 mm, for precise angle cuts, extra thick, saw blade with plunge tip							
Ground, offset	HCS	74	1,7	4,0 mm/6 TPI	T 144 DP	5	623694000*
Hard wood, soft wood, chipboards, wood-core plywood 5-100 mm, fibre boards 5-100 mm, for angle-precise cuts, extra thick							
Precision ground, tooth ground	HCS	104	1,7	4,0 mm/6 TPI	T 344 DP	5	623679000*
Perfect, splinter-free cutting results on both sides, for fast cuts, soft wood, for angle-precise cuts, extra thick, saw blade with plunge tip Caution: deactivate the pendulum stroke!							
Ground, offset	HCS	91	1,7	2,2 mm/12 TPI	T 308 BP	5 NEW	623834000*
Thick construction wood, soft wood (5-150 mm), wood-core plywood, fibre boards, for angle-precise cuts, extra thick							
Ground, offset	HCS	250	1,6	4,0 mm/6 TPI	T 1044 DP	3 NEW	623835000*

"Fast wood premium" jigsaw blades

- Fast and straight cuts with a very long service life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Hard wood, soft wood, coated boards 5-50 mm, for quick cuts							
Ground, offset	BiM	74	1,25	4,0 mm/6 TPI	T 144 DF	5	623976000*
Hard wood, soft wood, coated boards 5-100 mm, for quick cuts							
Ground, offset	BiM	126	1,25	4,0 mm/6 TPI	T 344 DF	5	623980000*

"Clean wood premium" jigsaw blades

- Clean and precise cuts with a very long service life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Especially for laminate, laminated flooring, hard wood, soft wood, coated boards, plywood, especially for curved cuts, for clean cuts							
Clearance angle offset, tooth ground, pointed teeth	BiM	57	1,25	1,4 mm/18 TPI	T 101 AOF	5	623695000*
Especially for laminate, laminated flooring, hard wood, soft wood, coated boards, plastics 2-30 mm, for clean cuts							
Clearance angle offset, tooth ground, pointed teeth	BiM	74	1,25	1,7 mm/15 TPI	T 101 AIF	5	623948000*
Hard wood, soft wood, laminated flooring, coated boards, plastics 3-30 mm, for clean cuts, saw blade with plunge tip							
Clearance angle offset, tooth ground	BiM	74	1,25	2,7 mm/9 TPI	T 101 BF	5	623975000*
Especially for laminate, laminated flooring, kitchen counters 3-30 mm, coated boards, for clean cuts, Caution: deactivate the pendulum stroke!							
Clearance angle, tooth ground reverse gearing	BiM	74	1,25	2,5 mm/10 TPI	T 101 BRF	5	623686000*
Hard wood, soft wood, coated boards 4-60 mm							
Clearance angle offset, tooth ground	BiM	91	1,5	3,0 mm/8 TPI	T 301 CDF	5	623696000*
Hard wood, soft wood, chipboards, plywood 5-80 mm, fibreglass boards 5-30 mm, for quick cuts							
Clearance angle offset, tooth ground	BiM	105	1,5	3,0 mm/8 TPI	T 301 CLF	5	623977000*
Perfect on both sides, splinter-free cutting results, for fast cuts, hardwood. Attention: deactivate the pendulum stroke!							
Clearance angle offset, tooth ground	BiM	93	1,5	2,2 mm/12 TPI	T 308 BF	5	623999000*

"Universal wood" jigsaw blades

- Quick and clean in all wood thicknesses

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards, for quick cuts							
Clearance angle offset, tooth ground	HCS	91	1,5	2,0-3,0 mm/12-8 TPI/ progressiv	T 234 X	5	623675000*
						25	623617000*

*Self-service packaging

"Universal wood + metal" jigsaw blades

- Fast and clean into all wood strengths with metal elements

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood, wood with nails, metal, non-ferrous metals, plastics							
Offset, milled	BiM	106	1,25	2,4-5,0 mm/10-5 TPI/ Progressive	T 345 XF	5	623677000*
						25	623621000*
Hard wood, soft wood, wood with nails, non-ferrous metals, plastics							
Ground	BiM	90	1	2,5 mm/10 TPI	T 111 HF	5	623949000*

"Carbide wood + metal" jigsaw blades

- Welded-on carbide teeth for excellent service life
- Fast and clean cuts into the different wood and metal materials and in all material strengths

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Carbide-tipped	HM	108	1	3.5-5 mm/7-5 TPI/ Progressive	T 367 XHM	3 NEW	623836000*

"Basic metal" jigsaw blades

- Good cutting results with good tool life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Steel sheets 0.5-1.5 mm, non-ferrous metals							
Milled, wavy	HSS	66	1	0,7 mm/36 TPI	T 118 G	5	623636000*
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	HSS	51	1	1,2 mm/21 TPI	T 118 A	3	623965000*
						5	623637000*
						25	623692000*
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	HSS	66	1	1,1-1,5 mm/23-17 TPI/progressive	T 118 A	5	623924000*
Sheet steel 1-3 mm, non-ferrous metals, especially for curved cuts							
Milled, wavy	HSS	51	1	1,2 mm/21 TPI	T 218 A	5	623647000*
Sheet steel 1-3 mm, non-ferrous metals, especially for curved cuts							
Milled, wavy	HSS	66	1	1,1-1,5 mm/ 23-17 TPI/progressive	T 218 A	5	623926000*
Steel sheets 1-3 mm, non-ferrous metals, sandwich materials							
Milled, wavy	HSS	106	1	1,2 mm/21 TPI	T 318 A	5	623629000*
						25	623623000*
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	HSS	51	1	2,0 mm/12 TPI	T 118 B	5	623638000*
						25	623618000*
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	HSS	66	1	1,9-2,3 mm/ 13-11 TPI/progressive	T 118 B	5	623925000*
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	HSS	106	1	2,0 mm/12 TPI	T 318 B	5	623697000*

"Metal premium" jigsaw blades

- Unbreakable with long service life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	BiM	51	1	1,2 mm/21 TPI	T 118 AF	5	623971000*
Steel sheets 1-3 mm, non-ferrous metals							
Milled, wavy	BiM	66	1	1,1-1,5 mm/ 23-17 TPI/progressive	T 118 AF	5	623950000*
Steel sheets 1-3 mm, sandwich materials 2-65 mm, non-ferrous metals, Plexiglas							
Milled, wavy	BiM	106	1	1,1 mm/23 TPI	T 318 AF	5	623978000*
Steel sheets 2.5-6 mm, sandwich materials 2-65 mm, non-ferrous metals, Plexiglas							
Milled, wavy	BiM	106	1	1,8 mm/14 TPI	T 318 BF	5	623979000*
Sheet steel 1.5 - 4 mm, especially for curved cuts							
Milled, wavy	BiM	57	1,25	1,5 mm/17 TPI	T 118 EOF	5	623970000*
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	BiM	51	1	2,0 mm/12 TPI	T 118 BF	5	623973000*
Steel sheets 2.5-6 mm, non-ferrous metals							
Milled, wavy	BiM	66	1	1,9-2,3 mm/ 13-11 TPI/progressive	T 118 BF	5	623929000*

"Metal sandwich" jigsaw blades

- Especially for machining metal sandwich panels

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Steel sheets 2.5-6 mm, sandwich materials 2-120 mm, non-ferrous metals, Plexiglas							
Milled, offset	BiM	150	1,25	2,0 mm/12 TPI	T 718 BF	5	623604000*
Sandwich materials (<160 mm)							
Wavy, milled	BiM	220		1,1 mm/23 TPI	T 1018 AFP	5 NEW	623837000*

"Universal metal" jigsaw blades

- Quick and clean in all material thicknesses

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Steel sheets 1.5-10 mm, non-ferrous metals to 30 mm							
Milled, offset	BiM	74	1	1,2-2,6mm/21-10 TPI/ Progressive	T 123 XF	5	623676000*
						25	623620000*

"Expert plastics" jigsaw blades

- For special applications: plastics
- Clean and straight cuts

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Plexiglas, polycarbonate 2-20 mm, non-ferrous metals 2-10 mm							
Clearance angle offset, tooth ground	HSS	74	1,25	2,0 mm/12 TPI	T 101 A	5	623640000*

"Expert plastics premium" jigsaw blades

- For special applications: plastics
- Very long service life thanks to welded-on carbide teeth

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Fibreglass reinforced plastics, Corian 4-60 mm							
Ground	HM	91	1,25	3,3 mm/7 TPI	T 301 CHM	3	623687000*

"Expert ceramics" jigsaw blades

- For special applications; ceramic materials, for example soft tiles
- Carbide coated for very long service life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Ceramic, glass, fibre glass reinforced plastics, cast iron							
Coarse	Carbide, coated	76	0,8	Grain size 30	T 130 Riff	1	623657000*
Ceramic, glass, fibre glass reinforced plastics, cast iron							
Fine	Carbide, coated	76	0,8	Grain size 50	T 150 Riff	1	623658000*

"Expert fibre + plaster" jigsaw blades

- For special applications: gypsum plaster, cement materials
- Welded-on carbide teeth for excellent service life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Gypsum plaster, cement fibre board 5-50 mm, fibreglass reinforced plastics 5-20 mm							
Ground	HM	74	1,25	4,3 mm/6 TPI	T 141 HM	1	623652000*
Gypsum plaster, cement fibre board 5-80 mm, fibreglass reinforced plastics 5-50 mm							
Ground	HM	106	1,25	4,3 mm/6 TPI	T 341 HM	1	623688000*
						3	623671000*

"Expert Inox" jigsaw blades

- For special applications: stainless steel, Inox

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Stainless steel sheets (Inox) 1-2 mm, non-ferrous metals							
Ground	HM	57	1	1,1 mm/23 TPI	T 118 AHM	3	623662000*
Stainless steel sheets (Inox) 2-4 mm, non-ferrous metals							
Ground	HM	57	1	1,4 mm/18 TPI	T 118 EHM	3	623663000*

*Self-service packaging

"Expert aluminium" jigsaw blades

- For special applications: aluminium and NF metals

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
expert aluminium metabo							
Aluminium 3-15 mm, non-ferrous metals 4-20 mm, plastics, for quick cuts							
Milled, offset	HSS	74	1	3,0 mm/8 TPI	T 127 D	5	623639000*
						25	623622000*
expert aluminium metabo							
Aluminium 3-15 mm, non-ferrous metals 4-20 mm, especially for curved cuts							
Milled, offset	HSS	74	1	3,0 mm/8 TPI	T 227 D	5	623648000*
expert aluminium metabo							
Aluminium 3-15 mm, non-ferrous metals 4-20 mm, plastics, for quick cuts, long service life							
Milled, offset	BiM	75	1	3,0 mm/8 TPI	T 127 DF	5	623974000*

"Expert soft materials" jigsaw blades

- For special applications: e.g. soft materials, carton
- Clean cuts with little effort thanks to blade edge

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
expert soft material metabo							
Polystyrene, cardboard, leather, rubber, carpet up to 50 mm							
Blades ground, straight	HCS	74	1,25	Blade edge	T 113 A	5	623641000*
expert soft materials metabo							
Polystyrene, cardboard, leather, rubber, carpet up to 50 mm							
Blades ground, wavy	HCS	126	1	Blade edge	T 313 AW	3	623684000*

Jigsaw blade assortments with single-lug shank

		Order no.
	Jigsaw blade assortment 1 ■ For wood and metal ■ HCS saw blades/HSS saw blade Consisting of 1 saw blade each: 623634000, 623633000, 623637000 Suitable material: wood, metal Number of parts: 3	623968000*
	Jigsaw blade assortment 2 ■ For wood, metal and plastic ■ HCS saw blades/HSS saw blade Consisting of 1 saw blade each:623633000, 623635000, 623632000, 623631000 and 623637000 Suitable material: wood, plastic, metal Number of parts: 5	623645000*
	Jigsaw blade assortment 3 ■ For wood, metal and plastic ■ HCS saw blades/HSS saw blades Consisting of 2 jigsaw blades each 623634000,623633000,623646000,623637000,623638000 Material suitability: Wood, metal, plastics Number of parts: 10	623600000*
	Jigsaw blade assortment 4 ■ For wood ■ HCS saw blades Consisting of 10 saw blades 623633000 and 623635000 and 5 saw blade 623649000 Suitable material: wood Number of parts: 25	623698000*

*Self-service packaging

Jigsaw blades with universal shank

"Basic wood" / U jigsaw blades

- Good cutting results with good tool life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
basic wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 5-50 mm, for clean cuts							
Milled, offset	HCS	74	1,25	3,0 mm/8 TPI	U 111 C	5	623945000*

"Fast wood" / U jigsaw blades

- Fast and straight cuts

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
fast wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 5-50 mm							
Ground, offset	HCS	82	1,25	4,0 mm/6 TPI	U 144 D	5	623944000*

"Clean wood" / U jigsaw blades

- Fast, clean and angle-precise

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
clean wood metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 10-45 mm, for clean cuts							
Clearance angle offset, tooth ground	HCS	82	1,25	2,5 mm/10 TPI	U 101 B	5	623943000*

Jigsaw blades "clean wood premium" / U

- Clean and precise cuts with a very long service life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
clean wood premium metabo							
Hard wood, soft wood, chipboards, wood-core plywood, fibre boards 3-30 mm, coated boards, for clean cuts							
Clearance angle offset, tooth ground	BiM	82	1,25	2,5 mm/10 TPI	U 101 BF	5	623905000*

"Universal wood + metal" / U jigsaw blades

- Fast and clean into all wood strengths with metal elements

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
universal wood+metal metabo							
Wood, wood with nails, metal, non-ferrous metals, plastics							
Milled, offset	BiM	107	1,25	2,4-5,0 mm/10-5 TPI Progressive	U 345 XF	5	623906000*

"Basic metal" / U jigsaw blades

- Good cutting results with good tool life

Version	Material	Useable length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
basic metal metabo							
Steel sheets 1-3 mm							
Milled, wavy	HSS	52	0,8	1,2 mm/21 TPI	U 118 A	5	**623941000***
basic metal metabo							
Steel sheets, 2.5-6 mm,							
Milled, wavy	HSS	52	1	2,0 mm/12 TPI	U 118 B	5	**623940000***

Other accessories for jigsaws

	Order no.
Plastic guard plate ■ For fitting on the base plate of the jigsaw ■ The plastic universal guard plate for protecting all work piece surfaces ■ Guide rail adapter can be coupled on both sides, compatible with Metabo, Mafell and Bosch ■ Rubberised immersion aid for plunge cuts ■ Chip guard plates can be used Suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140	**623595000***
Plastic guard plate with felt ■ For fitting on the base plate of the jigsaw ■ The plastic felt guard plate prevents extremely sensitive work piece surfaces from scratches, incl. 3 replacement felts ■ Guide rail adapter can be coupled on both sides, compatible with Metabo, Mafell and Bosch ■ Rubberised immersion aid for plunge cuts ■ Chip guard plates can be used Suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140	**623596000***
Plastic guard plate with fabric reinforced laminate insert ■ For fitting on the base plate of the jigsaw ■ The durable plastic fabric reinforced laminate guard plate for highest sliding quality on wood or wood-like material surfaces ■ Guide rail adapter can be coupled on both sides, compatible with Metabo, Mafell and Bosch ■ Rubberised immersion aid for plunge cuts ■ Chip guard plates can be used Suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140	**623597000***
Guard Plate ■ For fitting on the base plate of the jigsaw ■ The guard plate protects sensitive work piece surfaces from scratches Suitable for machine: STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS, STA 18 LTX, STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus, STEB 65 Quick, STE 100 Quick, STA 18 LTX 100, STAB 18 LTX 100	**623664000***
Circle-cutting and parallel guide ■ For cutting circles of Ø 100 to Ø 360 mm and for cutting parallel to an edge (maximum distance from the edge 210 mm). Suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140, STEB 65 Quick, STE 100 Quick, STA 18 LTX 100, STAB 18 LTX 100	**623591000***
Circle-cutting and parallel guide ■ For cutting circles of Ø 100 to Ø 360 mm and for cutting parallel to an edge (maximum distance from the edge 210 mm). Suitable for machine: STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus, STA 18 LTX, STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS	**631340000***

*Self-service packaging

	Order no.
Guide rail 31213 ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: Metabo jigsaws, circular saws and router models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 1,500 mm	**631213000**
Connector ■ For the trouble-free joining together of two precision guide rails ■ Can only be used with guide rail 631213000	**631211000**
2 Tensioning clamps FSZ ■ For the attachment of the guide rails on the workpiece or the workbench	**631031000**
Guiding device ■ For using jigsaws in conjunction with the precision guide rail Suitable for machine: STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS, STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus, STA 18 LTX	**631249000**
Lubricating / cooling stick ■ Increase of durability with tools, for example, core drills, metal drill bits, BiM hole saws, router bits or saw blades	**623443000**
3 Chip guard plates ■ For splinter-free sawing with the jigsaw Suitable for machine: STE 100 Plus, STE 135, STE 135 Plus, STEB 135, STEB 135 Plus	**623665000***
3 Chip guard plates ■ For splinter-free sawing with the jigsaw Suitable for machine: STEB 70 Quick, STEB 80 Quick, STE 90 SCS, STE 100 SCS, STA 18 LTX, ST 50 Pendix, STE 70, STE 80 Quick, STE 140, STE 140 Plus, STEB 140, STEB 140 Plus, STA 18 LTX 140, STEB 65 Quick, STE 100 Quick, STA 18 LTX 100, STAB 18 LTX 100	**631208000***
Extraction set ■ Extraction set with corrugated end for safe connection to the Metabo all-purpose vacuum cleaner with suction hose Ø 27 mm and 35 mm. Suitable for machine: STA 18 LTX 140	**623669000***
Extraction set ■ Extraction set with corrugated end for safe connection to the Metabo all-purpose vacuum cleaner with suction hose Ø 27 mm and 35 mm Suitable for machine: STE 140, STE 140 Plus, STEB 140, STEB 140 Plus	**623670000***
Suction hose Ø 27 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Rubber connector (internal Ø 30 mm, outside Ø 35 mm) Hose length: 3.5 m Hose-Ø, internal: 27 mm Hose-Ø, external: 33 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: yes Rotation compensation: machine side	**631938000**
Suction hose Ø 27 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Rubber connector (internal Ø 30 mm, outside Ø 35 mm) Hose length: 3.5 m Hose-Ø, internal: 27 mm Hose-Ø, external: 33 mm Connection-Ø, external: 27 mm Anti-static: yes Conducts electricity: no Bayonet connection: yes	**631939000**

Sabre saw blades

Metal

Order no. (corresponds to Bosch type)		»flexible metal« 631129000 (S 918 AF)	631130000 (S 918 BF)	631454000 (S 922 EF)	631493000 (S 1122 EF)	631491000 (S 922 BF)	631494000 (S 1122 BF)	628267000 (S 522 BF)	628268000 (S 522 EF)	»flexible fast metal« 626566000	626567000	626568000	626569000	»heavy metal« 628260000 (S 925 VF)	631991000 (S 1025 VF)	628261000 (S 1125 VF)	628263000 (S 1225 VF)	631909000 (S 1025 BF)	628255000 (S 926 BEF)	628256000 (S 1126 BEF)	628257000 (S 926 CHF)	631989000 (T 1126 CHF)	»demolition metal« 631992000 (S 920 CF)	631993000 (S 1120 CF)	»heavy metal premium« 628258000 (S 1136 BEF)	628269000 (S 1136 CHF)	»universal metal« 631914000 (S 123 XF)	»carbide metal« 626556000 (S 522 EF)	626557000 (S 1155 CHM)
Material		BiM								BiM				BiM									BiM				BiM		HM	
Material to be processed					For flush cuts		For flush cuts	Short	Short								Extra long		Clean straight, precise	Clean straight, precise	Fast straight, precise	Fast straight, precise						Straight, precise	Very long service life
Sheet metal	< 3,0 mm	■		■	■				■	■	■			□	□	□	□	□									■			
	< 8,0 mm		■			■	■	■				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	> 8,0 mm													■	■	■	■	■			□	□	■	■	■	□	■	■	■	■
Pipes, profiles	< 100 mm	■	■	■		■				■		■		■	□	□		□	■		■		■				■	■		
	< 175 mm				■		■				■		■		■	■	□	■		■		■		■	■				■	■
	< 250 mm																■													
Demolition and reconstruction work	–																		■	■	■	■	■	■	■	■		■	■	■

Wood

Order no. (corresponds to Bosch type)		»fast wood« 628241000 (S 617 K)	628242000 (S 1617 K)	628244000 (S 1111 K)	»precision wood« 631470000 (S 644 D)	631472000 (S 1344 D)	631488000 (S 1531 L)	»universal wood« 631913000 (S 2345 X)
Material		HCS			HCS			HCS
Material to be processed		For curved cuts, fast, coarse	Extra long, fast, coarse	Fast, coarse	For plunge cuts	Extra long		Universally progressively toothed
Wood (dry), chipboard, plywood	< 100 mm				■			
	< 190 mm						■	■
	< 250 mm					■		
Wood (damp), firewood, removal of branches	< 100 mm	■						
	< 190 mm			■			■	
	< 250 mm		■					
Plastics	< 100 mm				■			
	< 190 mm							■
	< 250 mm					■		

Wood + Metal

Order no. (corresponds to Bosch type)		»flexible wood+metal« 631125000 (S 1211 H)	631492000 (S 922 VF)	631495000 (S 1122 VF)	631407000 (S 1222 VF)	631932000 (S 1022 HF)	628265000 (S 511 DF)	628266000 (S 522 BEF)	»demolition wood+metal« 631925000 (S 610 DF)	631926000 (S 1156 XHM)	»heavy wood+metal« 631984000 (S 611 VF)	631986000 (S 1111 VF)	631987000 (S 1411 VF)	»universal wood+metal« 631915000 (S 3456 XF)	»carbide wood+metal« 626559000 (S 956 XHM)	626560000 (S 1156 XHM)
Material		BiM (631125000 HCS)							BiM		BiM			BiM	HM	
Material to be processed		Extra long			Extra long	Especially for pallet repairs	Short	Short	Extra thick, robust, short	Extra thick, robust, long			Extra long	Universally progressively toothed		
Wood, chipboards	< 100 mm		□				□	□	■		■			■	■	
	< 175 mm			□		□				■		■		■		■
	< 250 mm	■			□								■			
Wood with nails/ metal insert	< 100 mm		■				□	□	■		■			■	■	
	< 175 mm			■		■				■		■		■		■
	< 250 mm	□			■								■			
Sheet metal	< 3,0 mm		■											■	■	■
	< 8,0 mm			■		■	□	■						■	■	■
	> 8,0 mm				■			□							■	■
Pipes/profiles	< 100 mm		■											■	■	
	< 175 mm			■		■								■		■
	< 250 mm				■											
Plastics/ window frames	< 100 mm		■				□	□	■		■			■	■	
	< 175 mm			■		■				■		■		■		■
	< 250 mm	□			■								■			
Pallet repairs	–					■								■		
Demolition and reconstruction work	–								■	■				□	■	■

Special applications

Order no. (corresponds to Bosch type)		»expert inox« 631817000 (S 518 EHM)	»expert cast iron« 631818000 (S 1130 Riff)	»expert cast iron premium« 626565000 (S 1050 RD)	»expert fiber plaster« 631137000 (S 641 HM)	631146000 (S 1241 HM)	631819000 (S 2041 HM)	»expert brick« 631916000 (S 1543 HM)	631917000 (S 1234 HM)	631918000 (S 2243 HM)	»expert plaster« 628264000 (S 528 DF)	631907000 (S 628 DF)	»expert fibre insulation« 626563000 (S 1213 AWP)	»expert soft materials« 631144000 (S 713 AW)
Material		HM	HM Coated	RD Coated	HM			HM			BiM		HCS	HCS
Material to be processed				Long service life	Short	Long	Extra long				Clean cuts, short version	Clean cuts		
Stainless steel sheet (Inox)	2–4 mm	■												
Plastics, glass-fibre reinforced plastics	–	■	■	■	■	■	■				■	■		
Cardboard, polystyrene, insulation materials	–												■	■
Gypsum plaster	–										■	■		
Cast-iron pipes	< Ø 6“		■	■										
Brickwork	< 100 mm		■	■	■			■						
	< 250 mm					■			■					
	< 350 mm						■			■				
Aerated concrete blocks, fibre-reinforced cement	< 100 mm				■			■						
	< 250 mm					■			■					
	< 350 mm						■			■				
Masonry, brickwork, porous concrete, sand-lime brick, cement board	< 150 mm							■						
	< 215 mm								■					
	< 365 mm									■				

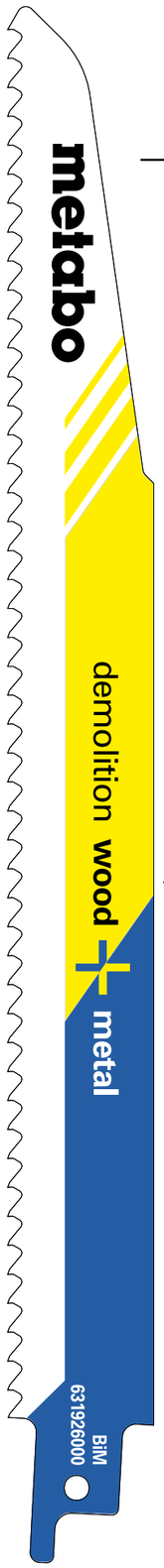
Legend

*progressively toothed = Tooth pitch ascending suitable for both thin and thick materials

■ Highly suitable □ Only suitable under certain circumstances

Sabre saw blades

- **Extensive range of sabre saw blades**
- **The right saw blade for all applications**
- **Concise subcategories: find the right saw blade fast**
- **Clear structure thanks to colour coding system**



Features of the Metabo sabre saw blades

Colour coding system

The colour indicates for which material the saw blade is best suited.

metal	Metal
wood + metal	Wood with nails/metal elements
wood	Wood
carbide	"Carbide": innovative carbide technology for excellent service life for demanding demolishing work in wood with nails/metal elements and straight cuts into metal e.g. high-strength steel, cast steel/grey cast
expert	Special applications in the field of building trade and renovation
expert carbide	Special applications in the field of building trade and renovation Very long service life thanks to carbide strip, welded-on carbide teeth or carbide mounting

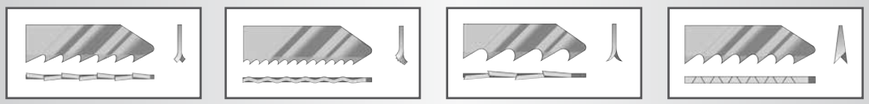
Application lines

metal	wood & metal	wood	building materials/ expert for
»flexible metal«	»flexible wood+metal«	»fast wood«	»expert inox«*
»flexible fast metal«	»demolition wood+metal«	»precision wood«	»expert cast iron«*
»demolition metal«	»heavy wood+metal«	»universal wood«	»expert cast iron premium«**
»heavy metal«	»universal wood+metal«		»expert fiber plaster«*
»heavy metal premium«	»carbide wood+metal«		»expert brick«*
»universal metal«			»expert plaster«
»carbide metal«			»expert fibre insulation«
			»expert soft materials«

*carbide **RD

Steel blade material/saw blade teeth

HCS	Carbon steel, for cutting soft wood, hardboards, plastics
HSS	High yielding high-speed steel, suitable for metal, aluminium work
BiM	Bi-metal: particularly flexible mix of HCS and HSS. The saw blades have a much higher life expectancy than HCS and HSS and have proven their worth when there is risk of the shaft breaking
HM/CT	Carbide: innovative carbide technology for excellent service life Carbide strip or carbide mounting for a very long service life
RD	Diamond coating for a very long service life for special applications, e.g. cuts in cast pipes (also with cement lining), glassfibre-reinforced plastics, Epoxy and very abrasive materials



Teeth milled, offset for clearance gap
A relatively rough cut, fast progress in cutting on hard and soft wood, aluminium, non-ferrous metals and plastics

Teeth milled, waved for clearance gap
A fine cut with straight tool guidance in hard and soft wood, aluminium, non-ferrous metals and plastics

Teeth ground, offset for clearance gap
Fast cutting in hard and soft wood

Teeth ground, offset for clearance angle and clearance gap
Fine and clean cut in wood and plastics

Shaft form

The sabre saw blades from Metabo are produced with a universal shank shape matching the sabre saws of standard brand names.

Sabre saw blades with 1/2" universal shank

"Flexible metal" sabre saw blades

- Unbreakable, flexible, sabre saw blades <1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Sheets 1-3 mm, profiles 5-100 mm							
Wavy, milled	BiM	150	0,9	1 mm/ 24 TPI	S 918 AF	2	631129000*
Sheets 2-8 mm, profiles 10-100 mm							
Wavy, milled	BiM	150	0,9	1,8 mm/ 14 TPI	S 918 BF	2	631130000*
Sheets 0.7-3 mm, profiles Ø 0.5-100 mm, profiles 0.5-100 mm							
Offset, milled	BiM	150	0,9	1,4 mm/ 18 TPI	S 922 EF	2	631080000*
						5	631454000*
						25	628251000*
Sheets 1.5-4 mm, profiles Ø 5-175 mm, profiles 5-175 mm for flush cuts							
Offset, milled	BiM	225	0,9	1,4 mm/ 18 TPI	S 1122 EF	2	631095000*
						5	631493000*
						25	628252000*
Sheets 3-8 mm, pipes, profiles Ø 10-100 mm							
Offset, milled	BiM	150	0,9	1,8 mm/ 14 TPI	S 922 BF	2	631093000*
						5	631491000*
						25	628253000*
						100	625491000
Sheets 3-8 mm, pipes, profiles Ø 10-175 mm, flush cuts							
Offset, milled	BiM	225	0,9	1,8 mm/ 14 TPI	S 1122 BF	2	631096000*
						5	631494000*
						25	628254000*
						100	625492000
Sheets 3-8 mm, profiles							
Offset, milled	BiM	100	0,9	2 mm/ 14 TPI	S 522 BF	5	628267000*
Sheets 0.7-3 mm, profiles							
Offset, milled	BiM	100	0,9	1,4 mm/ 18 TPI	S 522 EF	5	628268000*

*Self-service packaging

"Flexible fast metal" sabre saw blades

- Curved blade shape perfectly supports the orbital movement of the sabre saw and ensures best possible power transmission
- 30% higher cutting speed compared to straight saw blades
- More cuts - less frequent blade change: up to 25% longer service life of the saw blade

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
metabo flexible fast metal							
Sheet metal 1.5-4 mm, profiles Ø 0.5-100 mm, pipes. for fast cuts, metal							
	BiM	150	0,9	1,4 mm/18 TPI	-	5 NEW	626566000*
metabo flexible fast metal							
Sheet metal 1.5-4 mm, profiles Ø 0.5-100 mm, pipes. for fast cuts, metal							
	BiM	225	0,9	1,4 mm/18 TPI	-	5 NEW	626567000*
metabo flexible fast metal							
Sheet metal 3-8 mm, profiles Ø 0.5-100 mm, pipes. for fast cuts, metal							
	BiM	150	0,9	1,8 mm/14 TPI	-	5 NEW	626568000*
metabo flexible fast metal							
Sheet metal 3-8 mm, profiles Ø 0.5-100 mm, pipes. for fast cuts, metal							
	BiM	225	0,9	1,8 mm/14 TPI	-	5 NEW	626569000*

"Demolition metal" sabre saw blades

- Especially for metal removal work
- High stability and robustness thanks to extra thick saw blade thickness (1.6 mm)

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
metabo demolition metal							
Sheets 4-10 mm, pipes, profiles Ø 20-100 mm, for pipe cutting equipment, for breaking and renovation work, glass							
Offset, milled	BiM	150	1,6	2,5+3,2 mm/ 8+10 TPI	S 920 CF	5	631992000*
metabo demolition metal							
Sheets 4-10 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for breaking and renovation work, glass							
Offset, milled	BiM	225	1,6	2,5+3,2 mm / 8+10 TPI	S 1120 CF	5	631993000*

"Heavy metal" sabre saw blades

- Stable, precise, for tough applications, sabre saw blades >1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
metabo heavy metal							
Sheets 2-12 mm, pipes, profiles Ø 10-100 mm							
Offset, milled	BiM	150	1,25	1,8/2,6 mm/10/14 TPI	S 925 VF	5	628260000*
metabo heavy metal							
Sheets 2-12 mm, pipes, profiles Ø 10-150 mm							
Offset, milled	BiM	200	1,25	1,8/2,6 mm/10/14 TPI	S 1025 VF	5	631991000*
metabo heavy metal							
Sheets 2-12 mm, pipes, profiles Ø 10-175 mm							
Offset, milled	BiM	225	1,25	1,8/2,6 mm/10/14 TPI	S 1125 VF	5	628261000*
						25	628262000*
metabo heavy metal							
Sheets 2-12 mm, pipes, profiles Ø 10-250 mm							
Offset, milled	BiM	300	1,25	1,8/2,6 mm/10/14 TPI	S 1225 VF	5	628263000*

*Self-service packaging

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
metabo heavy metal							
Sheets 2-8 mm, pipes, profiles Ø 10-150 mm							
Offset, milled	BiM	200	1,25	1,8 mm/ 14 TPI	S 1025 BF	5	631909000*
metabo heavy metal							
Sheets 3-8 mm, pipes, profiles Ø 20-100 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and particularly clean cuts							
Offset, milled	BiM	150	1,1	1,4+ 1,8 mm/14+18 TPI	S 926 BEF	5	628255000*
metabo heavy metal							
Sheets 3-8 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and particularly clean cuts							
Offset, milled	BiM	225	1,1	1,4+1,8 mm/ 14+18 TPI	S 1126 BEF	5	628256000*
metabo heavy metal							
Sheets 4-10 mm, pipes, profiles Ø 20-100 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and quick cuts							
Offset, milled	BiM	150	1,1	2,5+3,2 mm/ 8+10 TPI	S 926 CHF	5	628257000*
metabo heavy metal							
Sheets 4-10 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for breaking and renovation work for straight, precise and quick cuts							
Offset, milled	BiM	225	1,1	2,5+ 3,2 mm/ 8+10 TPI	S 1126 CHF	5	631989000*

"Heavy metal premium" sabre saw blades

- Higher cutting speed and longest tool life thanks to unique, as well as very aggressive and robust gearing

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
metabo heavy metal premium							
Sheets 3-8 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for straight, precise and particularly clean cuts with an extremely long service life							
Offset, milled	BiM	225	0,9	1,4+1,8 mm / 14+18 TPI	S 1136 BEF	2	628258000*
metabo heavy metal premium							
Sheets 4-10 mm, pipes, profiles Ø 20-175 mm, for pipe cutting equipment, for straight, precise and quick cuts with an extremely long service life							
Offset, milled	BiM	225	1,1	2,5+3,2 mm / 8+10 TPI	S 1136 CHF	2	628269000*

"Universal metal" sabre saw blades

- Universal and quick in both thick and thin material

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
metabo universal metal							
Sheets 1-8 mm, profiles Ø 5-100 mm							
Offset, milled	BiM	150	0,9	1,8-3,2 mm/8-14 TPI/ Progressive	S 123 XF	2	631911000*
						5	631914000*

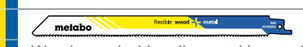
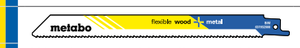
"Carbide metal" sabre saw blades

- Individually welded-on carbide teeth for excellent service life
- For accurate and straight cuts in metal, e.g. high-tensile steel, cast steel/grey cast
- 20x longer service life compared to bi-metal saw blades

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Carbide-tipped	HM	150	1,25	3 mm/8 TPI	S 955 CHM	1 NEW	626556000*
Carbide-tipped	HM	225	1,25	3 mm/8 TPI	S 1155 CHM	1 NEW	626557000*

"Flexible wood + metal" sabre saw blades

- Unbreakable, flexible, sabre saw blades <1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood, wood with nails, non-ferrous metals, plastics							
Offset, milled	HCS	300	0,9	2,5 mm/ 10 TPI	S 1211 H	2	631125000*
Wood, wood with nails, metal inserts Ø 5-100 mm, sheets, pipes, profiles 3-10 mm, plastics 3-100 mm							
Offset, milled	BiM	150	0,9	1,8-2,6 mm/ 10-14 TPI	S 922 VF	2	631094000*
						5	631492000*
						25	628246000*
							
Wood, wood with nails, metal inserts Ø 5-175 mm, sheets, pipes, profiles 3-10 mm, plastics 3-175 mm							
Offset, milled	BiM	225	0,9	1,8-2,6 mm/ 10-14 TPI	S 1122 VF	2	631097000*
						5	631495000*
						25	628247000*
						100	625494000
Wood, wood with nails, metal inserts Ø 5-250 mm, sheets, pipes, profiles 3-10 mm, plastics 3-250 mm							
Offset, milled	BiM	300	0,9	1,8-2,6 mm/ 10-14 TPI	S 1222 VF	2	631098000*
						5	631407000*
						25	628248000*
							
Wood, wood with nails, metal inserts Ø 5-150 mm, pallets, sheets, pipes, profiles 3-12 mm, plastics 3-150 mm							
Offset, milled	BiM	200	0,9	2,5 mm/ 10 TPI	S 1022 HF	5	631932000*
						200	625497000
Wood, wood with nails, wood, plastics, plywood							
Offset, milled	BiM	100	0,9	4,0 mm/6 TPI	S 511 DF	5	628265000*
wood, metal, plastics							
Offset, milled	BiM	100	0,9	1,4 /1,8 mm/14/18 TPI	S 522 BEF	5	628266000*

*Self-service packaging

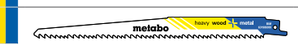
"Demolition wood + metal" sabre saw blades

- Especially for demolition work in wood with steel elements or nails
- High stability and robustness thanks to extra thick saw blade thickness (1.6 mm)

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood, wood with nails, metal inserts Ø 10-100 mm, plastics, for breaking and renovation work							
Offset, milled	BiM	150	1,6	4,3 mm/ 6 TPI	S 610 DF	5	631925000*
Wood, wood with nails, metal inserts Ø 10-175 mm, plastics, for breaking and renovation work							
Offset, milled	BiM	225	1,6	4,3 mm/ 6 TPI	S 1110 DF	5	631926000*

"Heavy wood + metal" sabre saw blades

- Fast, stable, for tough applications, sabre saw blades >1.0 mm thick

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood 10-100 mm, wood with nails, plastics, window frames, specially designed for plunge cuts							
Offset, milled	BiM	150	1,25	3,2/5,1 mm/5/8 TPI	S 611VF	5	631984000*
						25	628250000*
						100	628259000*
							
Wood, wood with nails, plastics, plywood 10-175 mm							
Offset, milled	BiM	225	1,25	3,2/5,1 mm/5/8 TPI	S 1111 VF	5	631986000*
Wood, wood with nails, plastics, plywood 10-250 mm							
Offset, milled	BiM	300	1,25	3,2/5,1 mm/5/8 TPI	S 1411 VF	5	631987000*

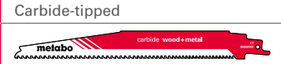
"Universal wood + metal" sabre saw blades

- Universal and quick in all materials

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood, wood with nails, metal inserts Ø 5-150 mm, sheets, pipes, profiles 3-18 mm, plastics 5-150 mm							
Offset, milled	BiM	200	1,25	2,1-4,3 mm/6-12 TPI/ Progressive	S 3456 XF	2	631912000*
						5	631915000*

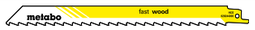
"Carbide wood + metal" sabre saw blades

- Individually welded-on carbide teeth for excellent service life
- Ideal for very demanding demolition work e.g. wood with nails or metal elements
- 20x longer service life compared to bi-metal saw blades

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Carbide-tipped	HM	150	1,25	3-4 mm/6-8 TPI	S 956 XHM	1 NEW	626559000*
							
Carbide-tipped	HM	225	1,25	3-4 mm/6-8 TPI	S 1156 XHM	1 NEW	626560000*

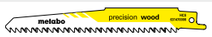
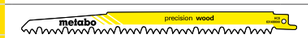
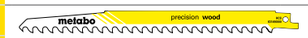
"Fast wood" sabre saw blades

- For tough applications on the construction site and in the garden

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood (also when damp) 6-100 mm, removal of branches, for fast, rough cuts, specially designed for curved cuts							
Offset, milled	HCS	150	1,25	8,5 mm/ 3 TPI	S 617 K	5	**628241000***
Wood (also when damp) 10-250 mm, removal of branches, for fast, rough cuts							
Offset, milled	HCS	300	1,25	8,5 mm/ 3 TPI	S 1617 K	5	**628242000***
							
Wood (also when damp) 15-190 mm, firewood, for fast, rough cuts							
Offset, milled	HCS	225	1,25	8,5 mm/ 3 TPI	S 1111 K	5	**628244000***

"Precision wood" sabre saw blades

- For professional applications on the construction site and in the garden

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
							
Wood 6-100 mm, chipboard 6-60 mm, plywood, plastics, specially designed for plunge cuts							
Side set, ground	HCS	150	1,25	4,0 mm/ 6 TPI	S 644 D	2	**631120000***
						5	**631470000***
						100	**631458000***
Wood 10-250 mm, chipboard 10-100 mm, plywood, plastics							
Side set, ground	HCS	300	1,25	4,0 mm/ 6 TPI	S 1344 D	2	**631122000***
						5	**631472000***
							
Wood (also damp) 15-190 mm, firewood, removal of branches							
side set, ground, carbide-coated	HCS	240	1,5	5,0 mm/ 5 TPI	S 1531 L	2	**631139000***
						5	**631488000***
						25	**628245000***
							
Wood (also moist) 15-100 mm, firewood 15-90 mm							
side set, ground, carbide-coated	HCS	240	1,5	8,5 mm/ 3 TPI	S 1542 K	2	**631141000***
						5	**631490000***

"Universal wood" sabre saw blades

- Universal and quick in both thick and thin material

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Wood (also damp) 6-150 mm, chipboard 6-60 mm, plywood, plastics, specially designed for plunge cuts							
Side set, ground	HCS	200	1,25	2,5-4,3 mm/6-10 TPI/ Progressive	S 2345 X	2	**631910000***
						5	**631913000***

"Expert Inox" sabre saw blades

- Excellent service life and robustness thanks to carbide toothed strip
- Ideal for cuts in stainless steel thanks to particularly finely ground carbide teeth

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Stainless steel sheets (Inox) 2-4 mm, stainless steel profiles 2-50 mm, plastic (glass fibre reinforced plastic)							
HM strip, ground	HM	115	1,25	1,4 mm/ 18 TPI	S 522 EHM	2	**631817000***

"Expert cast iron" sabre saw blades

- Very long tool life thanks to carbide coating (grit 30)
- Especially for use in cast steel pipes, brickwork, glassfibre-reinforced plastic and epoxy

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Cast steel pipe Ø max. 6", stone, plastic (glass fibre reinforced plastic)							
	Carbide, coated	225	1,25	Grain size 30	S 1130 Riff	2	**631818000***

"Expert cast iron premium" sabre saw blades

- Excellent tool life thanks to diamond coating (grit 50)
- Especially for use in cast pipes (also with cement lining), glassfibre-reinforced plastics, epoxy and very abrasive materials

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Cast iron, pipes, metal, glassfibre-reinforced plastics, glass-fibre reinforced plastics							
	RD, coated	200	1	Grain size 50	S 1050 RD	2 NEW	**626565000***

"Expert fibre plaster" sabre saw blades

- Individually welded-on carbide teeth for excellent service life
- Especially for use in porous concrete, brickwork, fibre-reinforced cement and glassfibre-reinforced plastic

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Aerated concrete 6-100 mm, stone 6-100 mm, fibre cement, glass fibre reinforced plastic							
Carbide-tipped, side-set	HM	150	1,25	4,3 mm/ 6 TPI	S 641 HM	1	**631137000***
Porous concrete, brickwork 10-250 mm, fibre cement, glass fibre reinforced plastic							
Carbide-tipped, side-set	HM	300	1,5	8,5 mm/ 3 TPI	S 1241 HM	1	**631146000***
Porous concrete, brickwork 20-350 mm, fibre cement, glass fibre reinforced plastic							
Carbide-tipped, side-set	HM	400	1,5	12,7 mm/ 2 TPI	S 2041 HM	1	**631819000***

*Self-service packaging

"Expert brick" sabre saw blades

- Individually welded-on carbide teeth for excellent service life
- Especially for use in masonry, clinker, porous concrete and cement composite boards

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Masonry, brickwork, porous concrete, cement board, for material thicknesses <150 mm							
	HM	240	1,5	12,7 mm/ 2 TPI	S 1543 HM	1	631916000*
Masonry, brickwork, porous concrete, cement board, for material thicknesses <215 mm							
	HM	305	1,5	12,7 mm/ 2 TPI	S 1243 HM	1	631917000*
Masonry, brickwork, porous concrete, cement board, for material thicknesses < 365 mm							
	HM	455	1,5	12,7 mm/ 2 TPI	S 2243 HM	1	631918000*

"Expert plaster" sabre saw blades

- Especially for use in special materials such as gypsum plaster
- Splinter-free curved cuts thanks to finely ground teeth

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Gypsum plaster, for clean cuts							
Offset, milled	BiM	100	0,9	4,2 mm/ 6 TPI	S 528 DF	5	628264000*
Gypsum plaster 8-100 mm, for clean cuts							
Offset, milled	BiM	150	1,25	4,3 mm/ 6 TPI	S 628 DF	5	631907000*

"Expert fibre insulation" sabre saw blades

- Especially for use in special materials such as mineral wool, foams (EPS/PUR), Styrodur, polystyrene, leather, rubber, paper, carpet
- Fast and clean cuts thanks to blade edge with double serrated edge

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Insulation material, rubber, cardboard, styrropor, carpets							
Blade ground	HCS	300	1,27	Blade edge	S 1213 AWP	NEW	626563000*

"Expert soft materials" sabre saw blades

- Especially for use in special materials such as cardboard, polystyrene, insulating material
- Splinter-free cutting results thanks to serrated blade edge

Version	Material finish	Overall length mm	Thickness mm	Tooth pitch	Corresponds to Bosch type	Sales unit	Order no.
Cardboard, polystyrene, insulation materials							
Blade ground	HCS	150	1	Blade edge	S 713 AW	2	631144000*

*Self-service packaging

Saw blades for wood

- Clean plunge cuts in wood
- Convex row of teeth for easy starting and clean cutting results
- Plunge saw blade with lasered depth scale for precise immersion depths

	Holder	Material	Length mm	Width mm	Tooth pitch	Sales unit	Order no.
Soft wood							
	STARLOCK	HCS	45	32	1,3 mm/20 TPI	1	626950000*
						5	626951000*
Coated boards, laminated flooring, for clean cuts							
	STARLOCK	BiM	45	32	1,8 mm/14 TPI	1	626956000*
Soft wood							
	STARLOCK PLUS	HCS	60	32	1,4 mm/18 TPI	1 NEW	626946000*

Saw blades for wood and metal

- High-quality Bi-metal gearing for long service life and high cutting quality
- Plunge saw blade with lasered depth scale for precise immersion depths

	Holder	Material	Length mm	Width mm	Diameter	Tooth pitch	Sales unit	Order no.
Soft wood, hard wood, wood with nails, coated boards, plastic								
	STARLOCK	BiM	30	20	–	1,3 mm/20 TPI	1	626952000*
Soft wood, hard wood, wood with nails, coated boards, plastic								
	STARLOCK	BiM	45	32	–	1,3 mm/20 TPI	1	626953000*
					–		5	626954000*
Soft wood, hard wood, wood with nails, coated boards, plastic								
	STARLOCK	BiM	35	65	–	1,3 mm/20 TPI	1	626955000*
Soft wood, hard wood, wood with nails, coated boards, plastic, profiles								
	STARLOCK	BiM	–	–	85	1,3 mm/20 TPI	1	626960000*
Soft wood, hard wood, wood with nails, coated boards, plastic								
	STARLOCK PLUS	BiM	60	32		1,3 mm/20TPI	1 NEW	626945000*

*Self-service packaging

Saw blades for metal

- High-quality gearing for long service life and high cutting quality
- Plunge saw blade with lasered depth scale for precise immersion depths

	Holder	Material	Length mm	Width mm	Tooth pitch	Sales unit		Order no.
Copper profiles, aluminium profiles, NF metal coated materials, nails								
	STARLOCK	BiM	45	32	1,3 mm/20 TPI	1		626957000*
						5		626958000*
Metal, stainless steel, hardened screws and nails								
	STARLOCK	HM	35	32	1,3 mm/20 TPI	1		626959000*
Metal, stainless steel, hardened screws and nails								
	STARLOCK PLUS	HM	50	32	1,3 mm/20 TPI	1	NEW	626948000*

Scraper

- Durable HCS blade for universal use

	Holder	Material	Length mm	Width mm	Tooth pitch	Sales unit	Order no.
Tile adhesive, carpets, carpet adhesive							
	STARLOCK		25	52		1	626961000*

Accessories for special applications "Expert"

- High-quality carbide coating for high material removal and long service life

	Holder	Material	Diameter mm	Tooth pitch	Sales unit		Order no.
Remove tile grooves, putty, tile adhesive, carpet adhesive							
	STARLOCK	Carbide, coated	85	Riff 30	1		626962000*
For clean cuts, especially for plunge cuts, glassfibre-reinforced plastics, fibreboards, gypsum plaster, metal, stainless steel							
	STARLOCK PLUS	HM		1,3 mm/20 TPI	1	NEW	626947000*
For straight, precise and especially clean cuts, fibreboards, glassfibre-reinforced plastics, gypsum plaster, plastics, cement fibreboards							
	STARLOCK PLUS	Carbide, coated		Riff 40	1	NEW	626949000*
Putty, tile adhesive, carpet adhesive, mortar, rough wood removal							
	STARLOCK	Carbide, coated	78	Riff 30	1		626963000*

*Self-service packaging

Assortments for multi-tools

		Order no.
	Tiler's set ■ Tiler's set for varied renovation and conversion applications, such as removal of mortar or tile adhesive, removal of grout in wall and floor tiles, cutting of smaller cut-outs in soft wall tiles ■ Set comprising: 1 x carbide segment saw blade 85 mm (tiles), 1 x carbide triangular sanding pad 78 mm (tiles), 1 x scraper rigid 52 mm HCS, 1 x plunge saw blade 32 mm BiM (metal) STARLOCK	626419000*
	Interior finishing set ■ Interior finishing set for varied floor and installation applications, such as cutting of laminate/parquet, shortening door frames at floor level, plunge cuts in coated boards, wood, cutting of apertures in furniture elements ■ Set comprising: 1 x plunge saw blade 32 mm HCS (wood), 1 x segment saw blade 85 mm BiM (wood + metal), 1 x scraper rigid 52 mm HCS, 1 x plunge saw blade 32 mm BiM (metal) STARLOCK	626420000*

Hook and loop sanding sheets for wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with veneers with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal

	Dimensions mm	Grit	Sales unit	Order no.
	93 x 93	P 40	5	624940000*
	93 x 93	P 60	5	624941000*
	93 x 93	P 80	5	624942000*
	93 x 93	P 100	5	624943000*
	93 x 93	P 120	5	624944000*
	93 x 93	P 180	5	624945000*
	93 x 93	P 240	5	624946000*
	93 x 93	P 320	5	624947000*
	93 x 93	P 40	25	624980000
	93 x 93	P 60	25	624981000
	93 x 93	P 80	25	624982000
	93 x 93	P 100	25	624983000
	93 x 93	P 120	25	624984000
	93 x 93	P 180	25	624985000
	93 x 93	P 240	25	624986000
	93 x 93	P 320	25	624987000
	Assortment (10 x P 60, 10 x P 80, 5 x P 120)		25	624988000

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning veneers, solid woods, plywood, and lacquers, deburring furniture veneer

	Dimensions mm	Grit	Sales unit	Order no.
	93 x 93	P 40	25	625681000
	93 x 93	P 60	25	625682000
	93 x 93	P 80	25	625683000
	93 x 93	P 120	25	625685000
	93 x 93	P 180	25	625686000
	93 x 93	P 240	25	625687000
	93 x 93	P 320	25	625688000

*Self-service packaging

Hook and loop abrasive nylon web, corundum abrasive

- Used for structuring wood (applying a rustic appearance), for removing rust from metal and for sanding paints (tarnishing)

Grit	Order no.
P 100	624958000*
P 280	624959000*

Additional accessories for multi-tools

	Order no.
Triangular sanding plate ■ Perforated hook and loop sanding pad ■ Quick, easy change of the sanding sheets ■ For multi-tool .Dimension from corner to corner: 93 mm ■ OIS compatible	626421000*
NEW **"Starlock" triangular sanding plate** ■ Low-dust working thanks to special extraction opening ■ Quick, easy change of the sanding sheets ■ For multi-tool .Dimension from corner to corner: 93 mm STARLOCK	626944000*

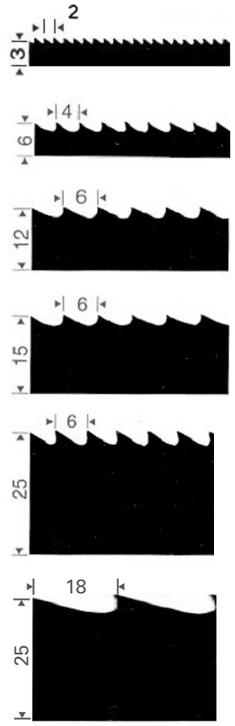
Additional accessories for multi-tools

	Order no.
NEW **Set depth guide + extraction nozzle for MT 18 LTX BL QSL** ■ Depth guide for precise working depth and working near edges: easy and fast installation, angle adjustable ■ Extraction nozzle for the dust extraction: can be used on both sides of the machine	626943000*

*Self-service packaging

Band saw blades

Band saw blades for wood and plastic



A2 **Helical tooth for small radii**
Wood, plastic, fine sawing attachment required

A4 **Helical tooth for curved cuts**
Wood, plastic

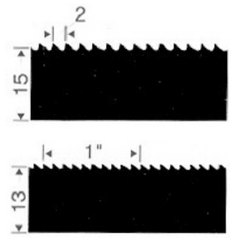
A6 **Peg tooth for curved cuts**
Wood, plastic

A6 **Helical tooth for straight cuts**
Wood, plastic

A6 **Helical tooth for straight cuts**
Wood, plastic

A18 **Helical tooth for straight cuts**
Firewood

Band saw blades for metal and foam materials



A2 **Rake tooth for universal cuts**
Aluminium, copper, brass, foam materials

14TPI 14/18 TPI 18TPI **Rake tooth for universal cuts**
Aluminium, copper, brass, steel

Designation of the band saw blades

Example:

Top edge induction hardened.
2240 x 6 x 0,5/A – 4 (14 TPI)

Top edge induction hardened. = tooth tip induction hardened
Carbon steel with induction hardened tooth tips; very economical thanks to high useful life

2240	= band length mm
6	= band width mm
0,5	= band thickness mm
A – 4	= clearance of tooth tips mm
14 TPI = A2	= number of teeth per inch unit
1,3 TPI = A18	= number of teeth per inch unit

Band saw blades for wood and plastic

- Carbon steel with induction hardened teeth
- Very economical due to its long useable working life

Dimensions mm	Tooth pitch	Material suitability	Suitable for	Order no.
1.505 x 6 x 0,36	A4 helical tooth	Wood, plastics, aluminium, especially for curved cuts	BS 230 up to 2001	0909040817*
1.505 x 12 x 0,36	A6 peg tooth	Wood, plastics, aluminium	BS 230 up to 2001	0909040825*
1.712 x 6 x 0,36	A4 helical tooth	Wood, plastics, aluminium, especially for curved cuts	BAS 260 Swift	0909057175*
1.712 x 12 x 0,36	A6 peg tooth	Wood, plastics, aluminium	BAS 260 Swift	0909057183*
1.810 x 6 x 0,35	A4 helical tooth	for curved cuts (curves), wood, wood-like materials, plastics	BS 5370, BS 5378	627641000*
1.810 x 10 x 0,35	A6 peg tooth	for curved cuts with larger radius, wood, wood-like materials, plastics	BS 5370, BS 5378	627642000*
1.810 x 13 x 0,35	A6 peg tooth	for long, straight cuts, wood, wood-like materials, plastics	BS 5370, BS 5378	627643000*
2.225 x 3 x 0,65	A2 helical tooth	Wood, plastics, especially for curved cuts, for circular cuts with fine sawing equipment	BAS 380	0909060257*
2.225 x 6 x 0,36	A4 helical tooth	Wood, plastics, especially for curved cuts	BAS 380	0909060265*
2.225 x 9 x 0,36	A6 peg tooth	Wood, plastics	BAS 380	0909060273*
2.225 x 13 x 0,36	A6 peg tooth	Wood, plastics, for straight and clean cuts	BAS 380	0909060281*
2.230 x 3,5 x 0,65	A2 helical tooth	for curved cuts (curves), wood, wood-like materials, plastics	Bs 0633	630852000*
2.230 x 6 x 0,65	A4 helical tooth	for long, straight cuts, for curved cuts with larger radius, wood, wood-like materials, plastics	Bs 0633	630850000*
2.230 x 12,5 x 0,65	A6 peg tooth	for long, straight cuts, wood, wood-like materials, plastics	Bs 0633	630851000*
2.230 x 15 x 0,8	A6 peg tooth	for long, straight cuts, wood, wood-like materials, plastics	Bs 0633	630855000*
2.240 x 6 x 0,5	A4 helical tooth	Wood, plastics, especially for curved cuts	BAS 317 Precision	0909029252*
2.240 x 12 x 0,5	A6 peg tooth	Wood, plastics	BAS 317 Precision	0909029244*
2.240 x 15 x 0,5	A6 peg tooth	Wood, plastics, for straight and clean cuts	BAS 317 Precision	0909029260*
2.240 x 15 x 0,5	A2 rake tooth	Wood, plastics, aluminium	BAS 317 Precision	0909029279*
3.380 x 6 x 0,5	A4 helical tooth	Wood, plastics, especially for curved cuts	BAS 505 G, BAS 505 Precision	0909029180*
3.380 x 15 x 0,5	A6 peg tooth	Wood, plastics	BAS 505 G, BAS 505 Precision	0909029171*
3.380 x 25 x 0,5	A6 peg tooth	Wood, plastics, for straight and clean cuts	BAS 505 G, BAS 505 Precision	0909000416*
3.380 x 25 x 0,5	A18 peg tooth	Wood, firewood	BAS 505 G, BAS 505 Precision	0909000424*
3.380 x 15 x 0,5	A2 rake tooth	Wood, plastics	BAS 505 G, BAS 505 Precision	0909029210*

Band saw blades for metal

- Carbon steel with induction hardened teeth
- Very economical due to its long useable working life

Dimensions mm	Tooth pitch	Material suitability	Suitable for	Order no.
835 x 13 x 0,5	14 TPI	Metal, profiles, plastics, foams	MBS 18 LTX 2.5	626427000
835 x 13 x 0,5	18 TPI	Metal, profiles, plastics, foams	MBS 18 LTX 2.5	626428000
835 x 13 x 0,5	14/18 TPI	Metal, profiles, plastics, foams	MBS 18 LTX 2.5	626429000
1.067 x 5 x 0,65	A2 rake tooth	NF metals, plastics, aluminium, wood	BS 150 E up to 1998	0909052939*
1.505 x 12 x 0,36	A2 rake tooth	NF metals, plastics, wood	BS 230 up to 2001	0909040841*
1.712 x 12 x 0,36	A2 rake tooth	NF metals, plastics, aluminium, wood	BAS 260 Swift	0909057191*
1.810 x 6 x 0,35	24 TPI	for straight and clean cuts, aluminium, aluminium profiles, NF metals	BS 5370, BS 5378	627644000*
2.230 x 3 x 0,65	18 TPI	Profiles, sheet steel	Bs 0633	630853000*
2.230 x 10 x 0,65	4 TPI	Aluminium, NF metals	Bs 0633	630854000*
2.230 x 13 x 0,65	14 TPI	Metal	Bs 0633	630858000*
3.380 x 13 x 0,65	14 TPI	NF metals coated materials, plastics	BAS 505 G	0909029228*

*Self-service packaging

Machine stand

	Order no.
Machine stand UMS ■ For ideal working height and stability ■ Can be folded up compactly ■ Compensation in height with adjustable stand ■ Ready mounted Height of work bench: 83 cm Weight: 12 kg Maximum weight load: 250 kg Support surface 57 x 60 cm Suitable for: KS 216 M Lasercut, KGS 216 M, KGS 254 M, KGS 216 Plus, KGS 254 Plus / KGS 254 I Plus, KGS 315 Plus, KS 254 Plus, KS 305 Plus, KS 305 M, KGT 300, KGT 305 M, BAS 260 Swift, BAS 261 Precision, DH 330	631317000

Circle cutting attachments

	Order no.
Circle cutting attachment ■ For circular cuts or tapered cuts (with inclined table) ■ Diameter from 120 to 280 mm Band saw blade 6 mm required for curve sawing Suitable for: BAS 315 / 316, BAS 316 G, BAS 317 Precision, BAS 450, BAS 500, BAS 505 G, BAS 600, BAS 505 Precision, BAS 260 Swift	0909031249*
Circle cutting attachment ■ Max. passage height: BAS 261 Precision: 30 mm BAS 318 Precision: 105 mm For circular cuts or tapered cuts (with inclined table) Band saw blade 6 mm required for curve sawing Suitable for: BAS 261 Precision, BAS 318 Precision	631327000

Belt sanding attachment

	Order no.
Belt sanding attachment For regrinding surfaces and curved sawing cuts Suitable for: BAS 318 Precision	631333000

Cloth Sanding Belts

Grit	Dimensions mm	Sales unit	Suitable for	Order no.
P 80	20 x 2.205	3	BAS 380	0909060303*
P 80	20 x 2.240	3	BAS 315 / 316, BAS 316 G, BAS 317 Precision, BAS 318 Precision	0909030528*
P 120	20 x 2.240	3	BAS 315 / 316, BAS 316 G, BAS 317 Precision, BAS 318 Precision	0909030536*
P 80	25 x 3.380	3	BAS 450, BAS 500, BAS 505 G, BAS 600, BAS 505 Precision	0909030544*
P 120	25 x 3.380	3	BAS 450, BAS 500, BAS 505 G, BAS 600, BAS 505 Precision	0909030552*

Hook and Loop Sanding Sheets

Grit	Diameter mm	Sales unit	Suitable for	Order no.
P 60	200	5	BAS 380	0909060338*
P 80	200	5	BAS 380	0909060346*
P 100	200	5	BAS 380	0909060354*

Accessories for circular saws

Stands

		Order no.
NEW	**TSU Stand** ■ For ideal working height and stability ■ Foldable Weight: 5.9 kg Max. load with attached machine: 125 kg (machine + work-piece) Suitable for: TS 254 M	629003000
	Machine stand UMS ■ For ideal working height and stability ■ Can be folded up compactly ■ Compensation in height with adjustable stand ■ Ready mounted Height of work bench: 83 cm Weight: 12 kg Maximum weight load: 250 kg Support surface 57 x 60 cm Suitable for: KS 216 M Lasercut, KGS 216 M, KGS 254 M, KGS 216 Plus, KGS 254 Plus / KGS 254 I Plus, KGS 315 Plus, KS 254 Plus, KS 305 Plus, KS 305 M, KGT 300, KGT 305 M, BAS 260 Swift, BAS 261 Precision, DH 330, KGSV 72 Xact / KGSV 72 Xact SYM	631317000

Sliding Table

		Order no.
	TKHS sliding table ■ Enables exact cuts, even on larger workpieces ■ Precise sliding table on 6 ball bearings ■ Complete with fence guide, swivels 90-45° ■ Fence pointer for precise repeated cuts Suitable for: TKHS 315, TKHS 315 C, TKHS 315 M Maximum cutting width 90°/45°: 640 mm/930 mm Overall length: 1,270 mm Support weight: 24 kg	0910058967
NEW	**Sliding table TS** ■ Clean and precise cutting results ■ Smooth guidance via four castors ■ Including fence guide Suitable for: TS 254, TS 254 M, TS 36-18 LTX BL 254, TS 36 LTX BL 254, TS 216, TS 216 Floor Table size: 300 x 185 mm Overall length: 1,092 mm	628900000

Chip extraction adapter nozzle

		Order no.
	Chip extraction adapter nozzle BKS ■ For connecting the site saws to a chip and dust extraction unit Extraction nozzle Ø: 100 mm Suitable for: BKS 400, BKS 400 Plus, BKS 450, BKS 450 Plus	0910008749

Stands for mitre saws: ideal for the construction site and the workshop.

All Metabo mitre saws, as well as all standard models of renowned manufacturers, can be mounted on the light and robust KSU 401, and KSU 251 stands, quickly and without tools. Thanks to the trolley function, which Metabo designed for construction sites and staircases, the large handles and the ability to fold the legs with one only hand, has optimised the stands for transport. Even with the saw mounted, the stands can be folded with just a few hand movements and can be comfortably pulled to and from the workplace. They are extremely robust and stable and are suitable both for use on construction sites as well as in the workshop.

Robust and light design
with max. weight load in central part of 250 kg

Extendable workpiece supports
up to 400 cm with rollers and folding guide for precise cutting in series

Trolley function
for mobile use during installation, and on the construction site even with mounted saw

Quickly ready to use
thanks to lockable folding legs and adjustment option for safe positioning

Universal machine carrier -
makes it suitable for all the conventional mitre saws of well-known manufacturers

KSU 401

KSU 251:
Compact design for easy transport

Trolley function
for comfortable transport even with the saw mounted

Folding function by actuating lever
for quick, single-handed folding and unfolding

Special accessories for mitre saws

		Order no.
	Stand for mitre saws KSU 251 Mobile ■ Particularly robust stand for mitre saws with trolley function for mobile use also with mounted saw ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series ■ Double supported table width extension for heavy workpieces ■ Compensation in height with adjustable feet ■ Simple folding mechanism; can be folded even with the saw in place ■ Space-saving storage position ■ Including machine carrier (installation without tools) makes it suitable for all the conventional mitre saws of well-known manufacturers Overall length: 121 cm – 240 cm Height of workpiece supports: 86cm Maximum weight load in central part: 180 kg Weight: 31 kg	629007000
	KSU 251 Stand for mitre saws ■ Light and robust stand for mitre saws with trolley function for mobile use also with mounted saw ■ Quickly ready to use thanks to lockable folding legs and adjustment option for safe positioning ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series ■ Including machine carrier (installation without tools) makes it suitable for all the conventional mitre saws of well-known manufacturers ■ Overall length: 127 cm – 250 cm ■ Height of workpiece supports: 92 cm - 99 cm ■ Maximum weight load in central part: 250 kg ■ Weight: 23 kg	629005000
	Stand for mitre saws KSU 100 ■ Light and robust stand for mitre saws ■ Quickly ready to use thanks to lockable folding legs ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series (available as accessory) ■ Machine carrier (installation without tools) makes it suitable for all the conventional mitre saws of well-known manufacturers ■ Including 1 pair of machine carriers (629008000) ■ Overall length: 100 cm ■ Maximum weight load in central part: 250 kg ■ Weight: 16 kg	629004000
	KSU 401 Stand for mitre saws ■ Light and robust stand for mitre saws with trolley function for mobile use also with the saw mounted ■ Quickly ready to use thanks to lockable folding legs and adjustment option for safe positioning ■ Extendable workpiece supports with rollers and folding guide for precise cutting in series ■ Machine carrier (installation without tools) makes it suitable for all the conventional mitre saws of well-known manufacturers ■ Including 1 pair of machine carriers (629008000) ■ Overall length: 168 cm - 400 cm ■ Height of workpiece supports: 92 cm - 99 cm ■ Maximum weight load in central part: 250 kg ■ Weight: 25 kg	629006000
	Machine carrier KSU 100/251/401 ■ For the easy and safe installation of tall standard mitre saws of renoned manufacturers on the machine stands KSU 251 and KSU 401 ■ Contents: 2 pieces	629008000
	Workpiece support KSU 100 ■ 1 extendable workpiece support with rolls and foldable guide for precise cuts in series ■ Can be used left or right	629009000

*Self-service packaging

Other accessories for semi-stationary woodworking

Accessories for planing machines

Disposable reversible planer blades

■ For all soft woods

Dimensions mm	Suitable for	Sales unit	Order no.
260 x 18,6 x 1	HC 260 C, HC 260 M, HC 260 K	2	0911030713*
260	ADH 260	2	630468000

HSS planer blade

■ For all soft woods and hard woods
■ Regrindable
■ 18% tungsten = increased tool life

Dimensions mm	Suitable for	Sales unit	Order no.
260 x 20 x 2,5	Multi 260	2	0920054030*
260 x 20 x 3	HC 260 C, HC 260 M, HC 260 K	2	0911030721*
263 x 24,5 x 3	HC 260 E / ES up to construction year 1989	2	0911030748*
304 x 25 x 3	HC 300	2	0911060167*
310 x 20 x 2,5	Multi 310	2	0920054048*
310 x 20 x 3	HC 333 G	2	0911053179*
310 x 30 x 3	HC 314 up to construction year 1999	4	0911016362*
320 x 25 x 3	HC 320 up to construction year 1999	3	0911014220*
334 x 16 x 2	DH 330 up to construction year 2005	2	0911062119*
332 x 12 x 1,5	DH 330 as of year of construction 2006, DH 316	2	0911063549*
410 x 25 x 3	HC 410 G	3	0911050390*
260	ADH 260	2	630467000
260	ADH 1626	2	630545000

Carbide planer blade

■ For all hard woods, especially exotic woods, laminated wood, hard paper, fabric reinforced laminates
■ Panel materials and plastics
■ Regrindable, long tool life

Dimensions mm	Suitable for	Sales unit	Order no.
260 x 20 x 3	HC 260 C, HC 260 M, HC 260 K	2	0911030730*

Planer blade and retaining strip conversion set

Dimensions mm	Suitable for	Sales unit	Order no.
260	HC 260 C, HC 260 M	2	0911030845

Wheel sets

		Order no.
	Wheel set ■ For easy transportation Suitable for: HC 260 C, HC 260 M	0911003783

General accessories for woodworking

Roller stands

	Order no.
Roller stand RS 420 ■ For supporting long workpieces when sawing, moulding/routing, planing and drilling ■ Sturdy, height-adjustable and foldable With smooth-rolling rollers with a high load capacity Width: 400 mm Base weight: 100 kg Height: 640 - 1,015 mm	0910053353

Spray for maintenance and care

	Order no.
Spray for maintenance and care ■ Ideal for maintenance and care of wood processing machines ■ Contains silicone, prevents saw dust from sticking, e.g. to threaded rods or sliding bearings ■ Increases the sliding quality of the workpieces on the machine table ■ High cleaning capacity Contents: 400 ml	0911018691*

Lubricant

■ To help the wood glide well on the dressing plate and the thickness table

	Order no.
Waxilit - lubricant Weight: 70 g	0911001071
Waxilit - lubricant Weight: 1,000 g	4313062258

*Self-service packaging

Abrasive media: high removal and durable

**Proven quality for professional use: for processing surfaces like wood, metal, paint, stone.
Also suitable for sanders of all common makes.**

Structure and purpose

The sanding compound
carries the abrasive grain and transmits the cutting forces. In addition to high strength and low elongation, the abrasive backing must have a flexibility adapted to the respective grinding process.

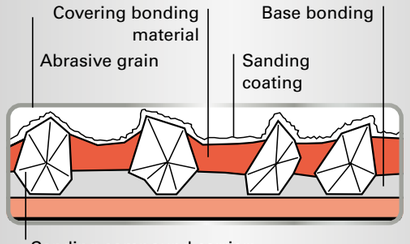
Carriers are
- Highly compressed papers of various thicknesses.
- Fabric based on polyester and cotton of various strengths.
- Vulcanized fibre as a strong and tear-proof base is the base material for the (Vulcan) fibre disc.

The abrasive grain
is the actual cutting tool. It penetrates the material being processed and removes the surface. The abrasive grain is anchored on to the grain-holding medium.
High hardness, toughness and a sharp edged geometry are the most important attributes of the abrasive grain.

Abrasive grain types are
- Corundum (aluminium oxide) as a hard, slightly brittle grain for the processing of metal, wood, varnish, etc.
- Silicon carbide as a hard, sharp-edged abrasive grain for the processing of lacquer, wood, ceramic, glass and rubber etc.
- Zirconia Alumina as a tough and fine crystalline combination of aluminium oxide and aluminium zircon for the processing of metal and non-rusting materials.

The bonding agent
anchors the abrasive grain in the sanding compound carrier and supports it against the forces generated by the removal of the surface.

Bonding agents are
- Phenolic resins and partially synthetic resins for sufficient support



The quality of Metabo sanding media

e.g. for random orbital sanders:
Wood + metal »professional«
E-paper, pink aluminium oxide, resin bonded
- High-quality sanding paper with high coarseness and high removal of material
- For best results when sanding wood and metal for professional use

Application:
For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, light alloys

For example, for orbital sanders:
Wood »classic«
A/B paper, aluminium oxide, resin/glue bond
- High-quality sanding paper with semi-open coarseness

Application:
For wood generally, solid wood, veneers, plastic, acrylic glass, lacquer, spatula, fillers, e.g. for deburring, cleaning of plywood, veneer, solid wood, lacquered surfaces, deburring of veneered furniture edges

For example, for triangular base-plate sanders:
Paint »professional«
B/C paper, pink grade corundum, stearate-coated, resin bonded
- High-quality sanding paper with semi-open coarseness and high removal of material
- The special stearate coating ensures a long service life by not clogging the sanding medium

Application:
For best results when sanding off paint, lacquer, body-filler on wood or metal on professional application

Grinding media on base

Accessories for random orbital sander

Hook and loop backing pad

	Diameter mm	Hardness	Version	Suitable for	Order no.
	80	Medium-hard	Perforated	SX E 400	624064000*
	122	Medium	Perforated	FSX 200 Intec	625658000*
	122	Medium-hard	Perforated	SX E 125	631224000*
NEW	125	Soft	Multi-hole	SXE 325 Intec, SX E 425, SXE 425 TurboTec	631220000*
	125	Medium-hard	Multi-hole	SXE 3125	624739000*
	150	Soft	Multi-hole	SXE 450 TurboTec	631156000*
	150	Medium-hard	Perforated (6 or 8 holes)	SXE 450 TurboTec	631150000*
	125	Medium-hard	Multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630264000*
	150	Medium-hard	Multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630259000*
	125	Medium-hard	Multi-hole	SXE 425 TurboTec, SXE 3125 SXA 18 LTX 125 BL PowerMaxx SXA 12-125 BL	630261000*
	150	Medium-hard	Multi-hole	SXE 450 TurboTec, SXE 3150	630262000*
	150	Medium-hard	Perforated (6 or 8 holes)	SXE 3150	624740000*

*Self-service packaging

Hook and loop intermediate discs

- Hook and loop intermediate disc for particularly soft delicate working, for sanding of curved surfaces and contours, has damping element between sanding paper and sanding pad

	Diameter mm	Hardness	Version	Suitable for	Order no.
	80	Soft	Perforated	SX E 400	624061000*
	125	Soft	Unperforated	SX E 425, SXE 325 Intec, FSX 200 Intec, SXE 425 TurboTec, SXE 3125	631216000*
	150	Soft	Unperforated	SXE 3150, SX E 450 Duo, SXE 450 TurboTec, SXE 3150	624037000*
	150	Soft	Multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630260000*
	125	Soft	Multi-hole	SXE 150-2.5 BL, SXE 150-5.0 BL	630263000*

Hook and loop sanding sheets for wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, alloys
- e.g. for sanding veneered cabinet fronts and sides, sanding furniture covered with liners with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal

	Diameter mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets Ø 80 mm, 6 holes			
	80	P 40	10	624041000*
	80	P 60	10	624042000*
	80	P 80	10	624043000*
	80	P 100	10	624044000*
	80	P 120	10	624045000*
	80	P 180	10	624046000*
	80	P 240	10	624047000*
	80	P 320	10	624048000*
	80	P 40	25	624051000
	80	P 60	25	624052000
	80	P 80	25	624053000
	80	P 100	25	624054000
	80	P 120	25	624055000
	80	P 180	25	624056000
	80	P 240	25	624057000
	80	P 320	25	624058000
	80	P 400	25	624059000

Grinding media on base

	Diameter mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets Ø 125 mm, 8 holes			
	125	P 40	5	631226000*
	125	P 60	5	631227000*
	125	P 80	5	631228000*
	125	P 120	5	631229000*
	125	P 180	5	631230000*
	125	P 240	5	631231000*
	125	P 320	5	631236000*
	125	P 40	25	631584000
	125	P 60	25	631585000
	125	P 80	25	631586000
	125	P 120	25	631587000
	125	P 180	25	631588000
	125	P 240	25	631589000
	125	P 320	25	631596000
	125	P 400	25	631597000
	Hook and loop sanding sheets Ø 125 mm, "multi-hole"			
	125	P 40	50	626848000
	125	P 60	50	626849000
	125	P 80	50	626850000
	125	P 100	50	626851000
	125	P 120	50	626852000
	125	P 180	50	626853000
	125	P 240	50	626854000
	125	P 320	50	626855000
	125	P 400	50	626856000
	Hook and loop sanding sheets Ø 150 mm, 6 holes			
	150	P 40	5	624001000*
	150	P 60	5	624002000*
	150	P 80	5	624003000*
	150	P 100	5	624004000*
	150	P 120	5	624005000*
	150	P 180	5	624006000*
	150	P 240	5	624007000*
	150	P 320	5	624008000*
	150	P 40	25	624019000
	150	P 60	25	624020000
	150	P 80	25	624021000
	150	P 100	25	624022000
	150	P 120	25	624023000
	150	P 180	25	624024000
	150	P 240	25	624025000
	150	P 320	25	624026000
	150	P 400	25	624027000

	Diameter mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets Ø 150 mm, "multi-hole"			
	150	P 40	50	626674000
	150	P 60	50	626675000
	150	P 80	50	626676000
	150	P 100	50	626677000
	150	P 120	50	626678000
	150	P 180	50	626679000
	150	P 240	50	626680000
	150	P 320	50	626681000
	150	P 400	50	626682000

Assortment of sanding sheets for wood and metal, »professional« series

		Order no.
	25 Hook and loop sanding sheets Assortment (10 x P 60, 10 x P 80, 5 x P 120) Diameter: 80 mm Version: perforated (6 holes) Sales unit: 25	624060000
	6 Hook and loop sanding sheets Assortment (2 x P 60, 2 x P 120, 2 x P 240) Diameter: 125 mm Version: perforated (8 holes) Sales unit: 6	631232000*
	25 Hook and loop sanding sheets Assortment (10 x P 60, 10 x P 80, 5 x P 120) Diameter: 125 mm Version: perforated (8 holes) Sales unit: 25	631583000
	25 Hook and loop sanding sheets Assortment (10 x P 60, 10 x P 80, 5 x P 120) Diameter: 150 mm Version: perforated (6 holes) Sales unit: 25	624066000*
	Metaloc sanding media set "multi-hole" Metaloc includes 50 x P 80 (626676000), 50 x P 120 (626678000), 50 x P 180 (626679000) Diameter: 150 mm Version: multi-hole Sales unit: 150	626756000

*Self-service packaging

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- e.g. for deburring, cleaning veneers, solid woods, plywood, and lacquers, deburring furniture veneer

	Diameter mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets Ø 80 mm, 6 holes			
	80	P 40	25	**624081000**
	80	P 60	25	**624082000**
	80	P 80	25	**624083000**
	80	P 100	25	**624084000**
	80	P 120	25	**624085000**
	80	P 180	25	**624086000**
	80	P 240	25	**624087000**
	80	P 320	25	**624088000**
	Hook and loop sanding sheets Ø 125 mm, 8 holes			
	125	P 40	25	**625726000**
	125	P 60	25	**625727000**
	125	P 80	25	**625728000**
	125	P 120	25	**625730000**
	125	P 180	25	**625731000**
	125	P 240	25	**625732000**
	125	P 320	25	**625733000**
	125	P 400	25	**625734000**
	Hook and loop sanding sheets Ø 125 mm, "multi-hole"			
	125	P 40	50	**626857000**
	125	P 60	50	**626858000**
	125	P 80	50	**626859000**
	125	P 100	50	**626860000**
	125	P 120	50	**626861000**
	125	P 180	50	**626862000**
	125	P 240	50	**626863000**
	125	P 320	50	**626864000**
	125	P 400	50	**626865000**
	Hook and loop sanding sheets Ø 150 mm, 6 holes			
	150	P 40	25	**624028000**
	150	P 60	25	**624029000**
	150	P 80	25	**624030000**
	150	P 100	25	**624031000**
	150	P 120	25	**624032000**
	150	P 180	25	**624033000**
	150	P 240	25	**624034000**
	150	P 320	25	**624035000**
	150	P 400	25	**624036000**

	Diameter mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets Ø 150 mm, "multi-hole"			
	150	P 40	50	**626683000**
	150	P 60	50	**626684000**
	150	P 80	50	**626685000**
	150	P 100	50	**626686000**
	150	P 120	50	**626687000**
	150	P 180	50	**626688000**
	150	P 240	50	**626689000**
	150	P 320	50	**626690000**
	150	P 400	50	**626691000**

Sanding sheet assortments for paints and lacquers, »professional« series

		Order no.
	Metaloc sanding media set "multi-hole" ■ Corundum abrasive, stearate-coated ■ For metal, filler compound, paints, filler Metaloc includes 50 x P 80 (626685000), 50 x P 120 (626687000), 50 x P 180 (626688000) Diameter: 150 mm Version: multi-hole Sales unit: 150	**626755000**

Hook and loop polishing sponges

■ For high-gloss polishing of slightly soiled, scratched surfaces. For use with polish on curved and even surfaces.

Diameter mm	Thickness mm	Sales unit	Order no.
80	20	1	**624092000***
130	20	1	**631222000***
160	20	1	**631233000***

Hook and loop lambswool polishing discs

■ For high-gloss polishing

Diameter mm	Sales unit	Order no.
85	1	**624063000***
160	1	**631217000***
130	1	**631223000***

*Self-service packaging

Grinding media on base

Accessories for sanders

Sanding sheets wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with liners with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal etc.

	Dimensions mm	Grit	Sales unit	Order no.
NEW	**Hook and loop sanding sheets 80 x 133 mm, 16 holes, with hook and loop**			
	80 x 133	P40	10	635190000
	80 x 133	P60	10	635191000
	80 x 133	P80	10	635192000
	80 x 133	P100	10	635193000
	80 x 133	P120	10	635194000
	80 x 133	P180	10	635195000
	80 x 133	P240	10	635196000
	Hook and loop sanding sheets 93 x 185 mm, 8 holes, with hook and loop			
	93 x 185	P 40	10	625765000*
	93 x 185	P 60	10	625766000*
	93 x 185	P 80	10	625767000*
	93 x 185	P 100	10	625768000*
	93 x 185	P 120	10	625769000*
	93 x 185	P 180	10	625770000*
	93 x 185	P 240	10	625771000*
	Sanding sheets 93 x 230 mm, 8 holes, for clamping			
	93 x 230	P 40	10	624480000*
	93 x 230	P 60	10	624481000*
	93 x 230	P 80	10	624482000*
	93 x 230	P 100	10	624483000*
	93 x 230	P 120	10	624484000*
	93 x 230	P 180	10	624485000*
	93 x 230	P 240	10	624486000*
	Hook and loop sanding sheets 103 x 115 mm, 6 holes, with hook and loop			
	103 x 115	P 40	10	625619000*
	103 x 115	P 60	10	625620000*
	103 x 115	P 80	10	625621000*
	103 x 115	P 100	10	625622000*
	103 x 115	P 120	10	625623000*
	103 x 115	P 180	10	625624000*
	103 x 115	P 240	10	625625000*
	Hook and loop sanding sheets 115 x 230 mm, 14 holes, with hook and loop			
	115 x 230	P 40	10	625786000*
	115 x 230	P 60	10	625787000*
	115 x 230	P 80	10	625788000*
	115 x 230	P 120	10	625790000*
	115 x 230	P 180	10	625791000*
	115 x 230	P 240	10	625792000*
	115 x 230	P 320	10	625793000*

*Self-service packaging

	Dimensions mm	Grit	Sales unit	Order no.
	Sanding sheets 115 x 280 mm, 14 holes, for clamping			
	115 x 280	P 40	10	624491000*
	115 x 280	P 60	10	624492000*
	115 x 280	P 80	10	624493000*
	115 x 280	P 120	10	624495000*
	115 x 280	P 180	10	624496000*
	115 x 280	P 240	10	624497000*

Assortment of sanding sheets for wood and metal, »professional« series

		Order no.
	10 Sanding sheets Assortment (2 each of P 40, P 80, P 120, P 180 and P 240) Dimensions: 93 x 230 mm Version: perforated (8 holes)	624490000*
	10 Hook and loop sanding sheets Assortment (2 each of P 40, P 80, P 120, P 180 and P 240) Dimensions: 93 x 185 mm Version: perforated (8 holes)	625774000*
	10 Hook and loop sanding sheets Assortment (2 each of P 40, P 80, P 120, P 180 and P 240) Dimensions: 115 x 230 mm Version: perforated (14 holes)	625795000*

Sanding sheets for wood, »classic« series

- High-quality sanding paper with semi-open coarseness
- For all woods, solid wood, veneers, plastics, acrylics, lacquers, putty, filling compounds
- For deburring, cleaning of plywood, veneers, solid woods, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
	Sanding sheets 93 x 230 mm, 8 holes, for clamping			
	93 x 230	P 40	10	624826000*
	93 x 230	P 60	10	624827000*
	93 x 230	P 80	10	624828000*
	93 x 230	P 120	10	624830000*
	93 x 230	P 180	10	624831000*
	93 x 230	P 240	10	624832000*

Sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning of plywood, veneers, solid woods, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
NEW	**Hook and loop sanding sheets 80 x 133 mm, 16 holes, with hook and loop**			
	80 x 133	P 40	10	635197000
	80 x 133	P 60	10	635198000
	80 x 133	P 80	10	635199000
	80 x 133	P 100	10	635200000
	80 x 133	P 120	10	635201000
	80 x 133	P 180	10	635202000
	80 x 133	P 240	10	635203000

*Self-service packaging

	Dimensions mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets 93 x 185 mm, 8 holes, with hook and loop			
	93 x 185	P 40	25	**625881000**
	93 x 185	P 60	25	**625882000**
	93 x 185	P 80	25	**625883000**
	93 x 185	P 120	25	**625885000**
	93 x 185	P 180	25	**625886000**
	93 x 185	P 240	25	**625887000**
	93 x 185	P 320	25	**625888000**
	Hook and loop sanding sheets 103 x 115 mm, 6 holes, with hook and loop			
	103 x 115	P 80	10	**625641000***
	103 x 115	P 120	10	**625643000***
	103 x 115	P 180	10	**625644000***
	103 x 115	P 240	10	**625645000***
	103 x 115	P 320	10	**625646000***
	Hook and loop sanding sheets 115 x 230 mm, 14 holes, with hook and loop			
	115 x 230	P 40	25	**625891000**
	115 x 230	P 60	25	**625892000**
	115 x 230	P 80	25	**625893000**
	115 x 230	P 100	25	**625894000**
	115 x 230	P 120	25	**625895000**
	115 x 230	P 180	25	**625896000**
	115 x 230	P 240	25	**625897000**
	115 x 230	P 320	25	**625898000**

Perforated hook and loop sanding pads

		Order no.
NEW	**Sanding plate 80 x 133 mm** ■ Perforated, hook and loop sanding pads for PowerMaxx SRA 12 BL (as spare) ■ Particularly effective extraction in combination with the textile dust bag (631369000) compact ■ Quick change system of the sanding pad	**635204000***
	Sanding plate 92 x 184 mm ■ Perforated, hook and loop sanding pads for SR 2185 / SRE 3185 (as spare)	**624729000***
	Sanding plate 112 x 230 mm ■ Perforated, hook and loop sanding pad for SRE 4351 TurboTec (as spare)	**624737000***
	Sanding plate 93 x 185 mm ■ Perforated, hook and loop sanding pad for SRE 4350 TurboTec (as spare)	**624738000***
	Sanding plate perforated 114 x 102 mm ■ Perforated, hook and loop sanding pad FSR 200 Intec (as spare)	**625657000***

*Self-service packaging

Hook and loop sanding sheets

Sanding sheets 230 x 280 mm

	Dimensions mm	Grit	Sales unit / packing unit	Order no.
NEW	**Sanding sheets 230 x 280 mm for lacquers, fillers, plastics, professional series** ■ High-quailty sanding paper with high coarseness for car repair and paint shop ■ For hard and tough work material surfaces with a very good adaptability with high stability ■ For processing paint, lacquer, filler and plastics			
	230 x 280	P 80	1/50	**628600000**
	230 x 280	P 120	1/50	**628602000**
	230 x 280	P 180	1/50	**628603000**
	230 x 280	P 240	1/50	**628604000**
	230 x 280	P 320	1/50	**628605000**
	230 x 280	P 400	1/50	**628606000**
	230 x 280	P 600	1/50	**628607000**
	230 x 280	P 1200	1/50	**628608000**
NEW	**Sanding sheets 230 x 280 mm for wood and paint, professional series** ■ High-quality sanding paper with semi-open coarseness ■ Especially for processing wood and paint ■ Versatile application areas with high material removal			
	230 x 280	P 40	1/50	**628609000**
	230 x 280	P 60	1/50	**628610000**
	230 x 280	P 80	1/50	**628611000**
	230 x 280	P 100	1/50	**628612000**
	230 x 280	P 120	1/50	**628613000**
	230 x 280	P 180	1/50	**628615000**
	230 x 280	P 240	1/50	**628617000**
NEW	**Sanding sheets 230 x 280 mm for metal, NF metals, professional series** ■ High-quality sanding paper with high coarseness ■ Universal product for profile sanding. The highly flexible cotton base offers an optimal adaptability to the workpiece. ■ For processing metals, NF metals			
	230 x 280	P 40	1/50	**628620000**
	230 x 280	P 60	1/50	**628621000**
	230 x 280	P 80	1/50	**628622000**
	230 x 280	P 100	1/50	**628623000**
	230 x 280	P 120	1/50	**628624000**
	230 x 280	P 180	1/50	**628626000**
	230 x 280	P 220	1/50	**628627000**
	230 x 280	P 240	1/50	**628628000**
	230 x 280	P 320	1/50	**628630000**

Grinding media on base

Accessories for multi sanders

Hook and loop sanding sheets for wood, »professional« series

- High-quality sanding paper with semi-open coarseness
- For all woods, solid wood, veneers, plastics, acrylics, lacquers, putty, filling compounds
- For deburring, cleaning of plywood, veneers, solid woods, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
NEW	**Hook and loop sanding sheets 100 x 150 mm, 9 holes**			
	100 x 150	P 40	10	635205000
	100 x 150	P 60	10	635206000
	100 x 150	P 80	10	635207000
	100 x 150	P 100	10	635208000
	100 x 150	P 120	10	635209000
	100 x 150	P 180	10	635210000
	100 x 150	P 240	10	635211000
	Hook and loop sanding sheets 100 x 150 mm, 11 holes, 2 pieces			
	100 x 150	P 40	10	625603000*
	100 x 150	P 60	10	625604000*
	100 x 150	P 80	10	625605000*
	100 x 150	P 100	10	625606000*
	100 x 150	P 120	10	625607000*
	100 x 150	P 180	10	625608000*
	100 x 150	P 240	10	625609000*
	Assortment (2 each of P 60, P 80, P 120, P 180 and P 240)			625610000*

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning veneers, solid woods, plywood, lacquers and deburring furniture veneer etc.

	Dimensions mm	Grit	Sales unit	Order no.
NEW	**Hook and loop sanding sheets 100 x 150 mm, 9 holes**			
	100 x 150	P 40	10	635212000
	100 x 150	P 60	10	635213000
	100 x 150	P 80	10	635214000
	100 x 150	P 100	10	635215000
	100 x 150	P 120	10	635216000
	100 x 150	P 180	10	635217000
	100 x 150	P 240	10	635218000

*Self-service packaging

	Dimensions mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets 100 x 150 mm, 11 holes, 2 pieces			
	100 x 150	P 40	10	625611000*
	100 x 150	P 60	10	625612000*
	100 x 150	P 80	10	625613000*
	100 x 150	P 100	10	625614000*
	100 x 150	P 120	10	625615000*
	100 x 150	P 180	10	625616000*
	100 x 150	P 240	10	625617000*
	Assortment (2 each of P 40, P 80, P 120, P 180 and P 240)			625618000*

Sanding pads with hook and loop

		Order no.
NEW	**Sanding pad, perforated** ■ Sanding pad for PowerMaxx SMA 12 BL (as spare) ■ Particularly effective extraction in combination with the textile dust bag (631369000) compact ■ Quick change system of the sanding pad Dimensions: 100 x 150 mm	635219000*
	Sanding pad, perforated Sanding pad for FMS 200 Intec (as spare) Dimensions: 147 x 100 mm	625600000*

Extraction Accessories for Random Orbital Sanders/Orbital Sanders/Multi Sanders

Dust bag holders

		Order no.
	Dust bag holder, complete As spare, with 1 dust bag suitable for orbital sanders / multi sanders: Sr 356, Sr E 357, Sr 358, Sr E 359 suitable for random orbital sanders: SX E 425, SX E 425 XL, SX E 450 Duo	631289000*

Dust bags (paper)

		Order no.
	Dust bag Without dust bag holder 631385000, as spare. pack of 5 suitable for orbital sanders / multi sanders: Sr 226, Sr E 227, Sr 216, Sr E 217, Sr 326, Sr E 327, Sr 328, Sr E 329 suitable for random orbital sanders: SX E 125	631286000*
	Dust bag Without dust bag holder 631289000, as spare, pack of 5 suitable for orbital sanders / multi sanders: Sr 356, Sr E 357, Sr 358, Sr E 359 suitable for random orbital sanders: SX E 425, SX E 425 XL, SX E 450 Duo	631288000*

Grinding media on base

Dust bags

		Order no.
	Textile dust bag With connector, for the Metabo orbital sanders with dust extraction. Can be used in place of the dust bag holder supplied suitable for orbital sanders / multi sanders: Sr 226, Sr E 227, Sr 216, Sr E 217, Sr 326, Sr E 327, Sr 328, Sr E 329 suitable for random orbital sanders: SX E 125	631235000*
	Textile dust bags Easy to empty textile dust bag for working without extraction facilities suitable for orbital sanders / multi sanders: SR 2185, SRE 3185 suitable for random orbital sanders: SXE 3125, SXE 3150	631287000*
	Textile dust bag compact Wear-resistant and very long service life thanks to high-grade polyester fleece Easy emptying thanks to zipper and spring system (tapping out) Suitable for power tools with an extraction connection with outer diameter of 28 mm Suitable for power tools with an extraction connection with inner diameter of 35 mm NEW	631369000*

Dust collector cartridges

		Order no.
	Dust collection cartridge With pleated filter 631980000, can be cleaned several times suitable for random orbital sanders: SXE 425 TurboTec, SXE 450 TurboTec	625599000*
	Dust collection cartridge Dust collector cartridge including dust filter 625602000 suitable for orbital sanders / multi sanders: FMS 200 Intec, FSR 200 Intec suitable for random orbital sanders: FSX 200 Intec	625601000*
	Dust collection cartridge With pleated filter 631980000, can be cleaned several times Included in scope of delivery for SR 10-23 Intec / SXE 325 Intec suitable for orbital sanders / multi sanders: SR 10-23, SR 10-23 Intec, SR 20-23, SR 180 suitable for random orbital sanders: SXE 325 Intec	631981000

Pleated filter

		Order no.
	Pleated filter Pleated filter, polyester, for dust collector cartridge 625601000 suitable for orbital sanders / multi sanders: FMS 200 Intec, FSR 200 Intec suitable for random orbital sanders: FSX 200 Intec	625602000*
	Pleated filter Polyester (as spare), for the dust collector cartridges 631981000, 625599000, 625598000 suitable for orbital sanders / multi sanders: SR 10-23, SR 10-23 Intec, SR 20-23, SRE 4350 TurboTec, SRE 4351 TurboTec, SR 180 suitable for random orbital sanders: SXE 425 TurboTec, SXE 450 TurboTec	631980000*

Connector

		Order no.
	Connector ■ Connector Ø 35 mm for connection to a normal vacuum cleaner suitable for orbital sanders / multi sanders: FMS 200 Intec, FSR 200 Intec suitable for random orbital sanders: FSX 200 Intec	626996000*

*Self-service packaging

Hook and loop sanding sheets for triangular base-plate sanders and multi-tool

Hook and loop sanding sheets for wood and metal, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material for a homogenous finish
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with veneers with hot-melt type adhesive edges, decorative sanding of stainless steel sheets, sanding-based repair work, and deburring cut sheet metal

	Dimensions mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets 93 x 93 mm, 6 holes			
	93 x 93	P 40	5	624940000*
	93 x 93	P 60	5	624941000*
	93 x 93	P 80	5	624942000*
	93 x 93	P 100	5	624943000*
	93 x 93	P 120	5	624944000*
	93 x 93	P 180	5	624945000*
	93 x 93	P 240	5	624946000*
	93 x 93	P 320	5	624947000*
	93 x 93	P 40	25	624980000
	93 x 93	P 60	25	624981000
	93 x 93	P 80	25	624982000
	93 x 93	P 100	25	624983000
	93 x 93	P 120	25	624984000
	93 x 93	P 180	25	624985000
	93 x 93	P 240	25	624986000
	93 x 93	P 320	25	624987000
	Assortment (10 x P 60, 10 x P 80, 5 x P 120)			624988000

Hook and loop sanding sheets for paints and lacquers, »professional« series

- High-quality sanding paper with semi-open coarseness and high removal of material
- Suitable for working with paints and lacquers of all types and filler compounds
- For deburring, cleaning veneers, solid woods, plywood, and lacquers, deburring furniture veneer

	Dimensions mm	Grit	Sales unit	Order no.
	Hook and loop sanding sheets 93 x 93 mm, 6 holes			
	93 x 93	P 40	25	625681000
	93 x 93	P 60	25	625682000
	93 x 93	P 80	25	625683000
	93 x 93	P 120	25	625685000
	93 x 93	P 180	25	625686000
	93 x 93	P 240	25	625687000
	93 x 93	P 320	25	625688000

Hook and loop abrasive nylon web, corundum abrasive

- Used for structuring wood (applying a rustic appearance), for removing rust from metal and for sanding paints (tarnishing)

Grit	Order no.
P 100	624958000*
P 280	624959000*

Accessories for triangular base-plate sanders

Perforated hook and loop sanding pads

	Order no.
Perforated hook and loop sanding pad For the triangular base-plate sanders DS E 170 and DS E 180 (as spare) Dimension from corner to corner: 93 mm	624970000*
Perforated hook and loop sanding pad For the triangular base-plate sanders DSE 280, DSE 300 and DSE 300 Intec (as spare) Dimension from corner to corner: 90 mm	624992000*

Special lamellar base-plate

	Order no.
Special lamellar base-plate For triangular base-plate sander DSE 170/ 180/ 280/ 300. Hook and loop at the bottom side. The self-adhesive hook and loop liner supplied can be fitted to the top of this base-plate so that hook and loop sanding sheets can be fitted for top and bottom sanding of louvres.	624971000*

Self-adhesive hook and loop liner

	Order no.
Self-adhesive liner Self-adhesive hook and loop liner (as spare for special lamellar base-plate 624971000)	624972000*

Accessories for dust extraction

	Order no.
10 Dust filters For the dust collector cartridge 624993000 of the DSE 300 Intec and the DSE 280 Intec	624995000*
Extraction nozzles ■ For external dust extraction for the DSE 300/ DSE 300 Intec and the DSE 280 Intec	624994000*
Adapter 30/35 mm ■ For connecting the suction hose with connector Ø 35 mm to an extraction nozzle Ø 30 mm	624996000

Accessories for belt sanders

Sanding belts for wood and metal, »professional« series

- High-quality sanding paper with high coarseness, high removal of material
- For veneers, solid wood, polyester, steel and stainless steel sheets, non-ferrous metals, alloys
- For sanding veneered cabinet fronts and sides, sanding furniture covered with liners with hot-melt type adhesive edges, sanding-based repair work, and deburring cut sheet metal etc.

	Dimensions mm	Grit	Sales unit	Order no.
	Sanding belts 75 x 533 mm			
	75 x 533	P 40	3	631001000*
	75 x 533	P 60	3	631002000*
	75 x 533	P 80	3	631003000*
	75 x 533	P 100	3	631004000*
	75 x 533	P 120	3	631005000*
	75 x 533	P 180	3	631006000*
	75 x 533	P 240	3	631007000*
	75 x 533	P 320	3	631008000*
	75 x 533	P 40	10	625929000*
	75 x 533	P 60	10	625930000*
	75 x 533	P 80	10	625931000*
	75 x 533	P 100	10	625932000*
	75 x 533	P 120	10	625933000*
	Sanding belts 75 x 575 mm			
	75 x 575	P 40	3	625940000*
	75 x 575	P 60	3	625941000*
	75 x 575	P 80	3	625942000*
	75 x 575	P 120	3	625944000*
	Sanding belts 180 x 1550 mm			
	180 x 1.550	P 60	2	631190000
	180 x 1.550	P 80	2	631191000
	180 x 1.550	P 100	2	631192000
	180 x 1.550	P 150	2	631193000
	180 x 1.550	P 80	2	631195000[1]

[1]with fabric base

Assortment of sanding belts for wood and metal, »professional« series

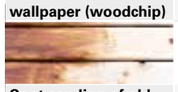
	Order no.
3 Sanding belts Assortment (each 1 x P60, P80, P100) Dimensions: 75 x 533 mm	625928000*

Bases for sanding belts

	Order no.
Bases for sanding belts Made from graphite-coated fabric; suitable for Ba E 1075 Sales unit: 2	631034000*
Bases for sanding belts Made from graphite-coated fabric; granular version; Dimensions 84 x 160 mm; suitable for BAE 75 Sales unit: 2	631114000*

*Self-service packaging

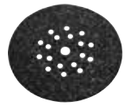
Long-neck sanders: which grinding media for which application?

Area of application	Hook and loop sanding sheets, »professional«, multi-perforation	Hook and loop sanding sheets, »professional«, stearate coated	Abrasive Mesh	Hook and loop sanding sheets, »professional«, SiC	Nylon web	Sanding pad, soft, Ø 225 mm order no. 626662000	Sanding pad, hard, Ø 225 mm order no. 626661000
	■	■	■			■	■
Sanding of compound seams	P40 - P120	P40 - P120	P80 - P120			for soft filler compound	for hard filler compound
	■	□	□			■	■
Sand full-surface filled areas	P80 - P180	P80 - P180	P80 - P120			for soft filler compound	for hard filler compound
	■	■				■	■
Surface fine polish (high-quality reworking)	P180 - P220	P180 - P220					
	■	■	□			■	■
Removal of wall paper residue	P100 - P180	P100 - P180	P100				
	□	■	■				■
Spot sanding / sanding of old paint layers	P40 - P100	P40 - P100	P80 - P120				
	■	■	■				■
Spot sanding of base coat	P80 - P100	P80 - P100	P80				
				■			■
Spot sanding of insulation boards (e.g. Styrofoam)/ joints				P16			
				■			■
Spot sanding of surfaces with wallpaper (woodchip)				P16			
					■	■	■
Spot sanding of old paint layers prior to applying a new layer					A100 - A180		

□ Well suited ■ Highly suitable

Accessories for long-neck grinders

Hook and loop sanding sheets, »professional« series



- High-quality silicone carbide sanding paper for spot sanding and roughing of surfaces such as styrofoam boards for thermal insulation, as well as for woodchip for faster absorption of liquids when removing wallpaper.

Diameter mm	Grit	Sales unit	Order no.
225	P 16	10	626640000*

Hook and loop sanding sheets for filler, paints and lacquers, »professional« series

- High-quality sanding paper with very open coarseness and high removal of material. From grit 150 stearate-coated
- Especially for processing fillings in drywall construction, and for paint, varnish.

Diameter mm	Grit	Sales unit	Order no.
225	P 40	25	626641000*
225	P 60	25	626642000*
225	P 80	25	626643000*
225	P 100	25	626644000*
225	P 120	25	626645000*
225	P 150	25	626646000*
225	P 180	25	626647000*
225	P 220	25	626648000*

Hook and loop sanding sheets with multi-perforation for filler, paints and lacquers, »professional« series

- High-quality sanding paper, full-surface perforated, with high removal of material
- Particularly effective extraction thanks to the full-surface perforation and special hook and loop layer for low-dust working
- Minimized clogging of the grinding media, providing greater material removal and longer tool life.
- Especially for processing fillings in drywall construction, and for paint, varnish.

Diameter mm	Grit	Sales unit	Order no.
225	P 40	25	626649000
225	P 60	25	626650000
225	P 80	25	626651000
225	P 100	25	626652000
225	P 120	25	626653000
225	P 150	25	626654000
225	P 180	25	626655000
225	P 220	25	626656000

Nylon webs

- Suitable for spot-grinding, roughening, degreasing and matting of surfaces
- Particularly suited for spot sanding of glazed wooden surfaces e.g. glazed slot and spring board connections.

Diameter mm	Grit	Sales unit	Order no.
225	A 100	10	626659000
225	A 280	10	626660000

Abrasive mesh for long-neck sanders

- Especially for processing fillers in drywall construction
- Suitable for pliable areas that are not yet completely set.

Diameter mm	Grit	Sales unit	Order no.
225	P 80	25	626657000*
225	P 100	25	626658000*
225	P 120	25	626666000*

Further accessories for long-neck sanders

	Order no.
Sanding pad hard ■ Particularly suited for high material removal. Diameter: 225 mm Hardness: hard Version: perforated (18 holes)	626661000*
Sanding pad ■ Very soft, flexible sanding pad, particularly suited for curved, uneven surfaces ■ Standard version of the long-neck grinder Diameter: 225 mm Hardness: very soft Version: perforated (18 holes)	626662000*

	Order no.
Replacement brush rim ■ Replacement brush rim long-neck sander	626663000*

	Order no.
Flexible shaft ■ Replacement shaft as contained in the scope of delivery ■ Simple, quick and tool-free exchangeable shaft easily changed on site if needed	626664000*

	Order no.
Extension ■ Provides a machine length of 2.1 m ■ Installation without tools ■ Easy and safe storage in the machine case ■ Length: 550 mm	626665000*

*Self-service packaging

Accessories for routers

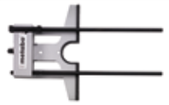
Collets for OFE 738, Of E 1229 Signal, FME 737

Collet bore	Version	Order no.
3 mm	hexagon	631947000*
6 mm	hexagon	631945000*
6 mm	double flat	630820000
8 mm	double flat	630833000
8 mm	hexagon	631946000*
1/8" (3,18 mm)	hexagon	631948000*
1/4" (6,35 mm)	double flat	630821000
1/4" (6,35 mm)	hexagon	631949000

For Of E 1812

Collet bore	Version	Order no.
8 mm	hexagon	631567000

Accessories for routers OFE 738 and Of E 1229 Signal

	Order no.
 **Parallel guide** ■ Parallel guide/rip fence with fine adjustment for routers OFE 738 and Of E 1229 Signal (supplied as standard)	631507000
Circle-cutting centering pin ■ For using in the parallel guide/rip fence of routers OFE 738 and Of E 1229 Signal, for milling circular grooves and similar work	631504000
Intermediate plate ■ For fixing on the base plate of routers OFE 738 and Of E 1229 Signal, especially suited for trimming edging strips flush with edges	631503000
Circle-cutting guide ■ For cutting out round openings, moulding/routing circular grooves, rounding off corners, etc., maximum circle diameter 350 mm	631505000

Template followers

- For engraving text etc. using a template clamped on to the workpiece

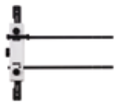
Diameter mm	Order no.
9	630105000
11	630106000
17	630118000
24	630119000
27	630120000
30	630121000

*Self-service packaging

Guide rail

		Order no.
	Guide rail ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the work piece surface against scratches ■ Guide rule, adjustable to eliminate play suitable for: Metabo jigsaws, circular saws and router models OFE 738 and Of E 1229 Signal (when using the appropriate accessories; KS 55 FS, KSE 55 Vario Plus, KS 66 Plus, KSE 68 Plus can be used directly); also suitable for the CED 125 Plus dust extraction shroud in connection with an angle grinder Overall length: 1,500 mm	631213000

Router guide

		Order no.
	**Router guide** ■ Enables moulding/routing with routers OFE 738 and Of E 1229 Signal along the precision guide rails For these tasks the 631503000 intermediate plate must be fitted to the router's base plate	631248000

Other accessories for the router and grinder motor

Moulding/routing attachment

		Order no.
	Moulding/routing attachment ■ With this moulding/routing attachment, router and grinder motor FME 737 can be converted into a router	631501000

Flexible shafts

		Order no.
	Flexible shaft 27609 ■ Suitable for speeds of 20,000 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 6 mm shaft diameter. Interchangeable collet for accessories with 3 mm shaft diameter available as accessory (630715000) ■ 6 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 6 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) suitable for routers: FME 737 suitable for die grinders: G 400, GE 710 Compact, GE 710 Plus, GA 18 LTX Length: 1.3 m Driving shaft: 6 mm Collet bore: 6 mm Weight: 0.8 kg	627609000*

*Self-service packaging

		Order no.
	Flexible shaft 30980 ■ Suitable for speeds of 7,500 to 30,000 rpm ■ Bearing-mounted at both ends ■ For router bits, mounted points, flap wheels etc. with 8 mm shaft diameter. Interchangeable collet for accessories with 6 mm shaft diameter (630977000) and 3 mm shaft diameter (630976000) available as accessory ■ 8 mm driving shaft for fixing the flexible shaft in the collet bore of the drive machine. If the collet bore of the drive machine has a different dimension than 8 mm, the collet of the drive machine must be changed. 6 mm collet available as accessory (631945000) suitable for routers: FME 737 suitable for die grinders: G 400, GE 710 Compact, GE 710 Plus, GE 950 G Plus, GA 18 LTX Length: 1.3 m Driving shaft: 8 mm Collet bore: 8 mm Weight: 0.8 kg	630980000*

Collets for flexible shafts

	Collet bore	Order no.
	Collets for flexible shaft 630980000 ■ To attach the carbide router bits, mounted points etc. to the flexible shaft	
	3 mm	630976000
	6 mm	630977000
	8 mm	630979000
	Collets for flexible shaft 627609000 ■ For fixing the carbide router bits, mounted points, etc. on the flexible shaft	
	6 mm	630714000
	3 mm	630715000

Clamping stand

		Order no.
	Clamping stand ■ For safe clamping of drills and impact drills as well as die grinders and the motor of the router when working with flexible shafts. Aperture Ø 43 mm. The clamp (627107000) serves for the secure fixing	627354000*

Clamp

		Order no.
	Clamp ■ For the secure fixing on a work table	627107000*

Accessories for paint remover

Reversible carbide blades

- High-quality carbide for long tool life and uniform grinding result

Sales unit	Order no.
4	631720000*
10	631660000*

Suction hose

	Order no.
Suction hose Ø 27 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Rubber connector (internal Ø 30 mm, outside Ø 35 mm) Hose length: 3.5 m Hose-Ø, internal: 27 mm Hose-Ø, external: 33 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: yes Rotating adapter: machine side	631938000

Planer accessory

Reversible carbide planer blade

	Order no.
Reversible carbide planer blade Consisting of 2 reversible carbide planer blades Suitable for: HO 18 LTX 20-82, HO 26-82, HO 0882	630282000*
Reversible carbide planer blade Consisting of 10 reversible carbide planer blades Suitable for: HO 18 LTX 20-82, HO 26-82, HO 0882	630272000

Additional accessories for planers

	Order no.
Stand for planer ■ For stationary use of the planer (as surface planer) ■ Clamp 627107000 for fastening the stand securely on a workbench Suitable for: HO 0882	631599000*
Clamp ■ For the secure fixing on a work table	627107000*

*Self-service packaging

Which connection option for which handheld power tool?

	Mains-powered vacuum cleaner			Cordless vacuum cleaner			
	ASA 32 L ASA 25 L PC1) ASA 30 L PC Inox1) ASR 25 L SC ASR 25 M SC	ASR 50 L SC ASR 50 M SC ASR 35 L ACP ASR 35 M ACP ASR 35 H ACP		AS 18 L PC AS 18 L PC Compact AS 18 HEPA PC Compact ASR 36-18 BL 25 M SC			
Suction hose diameter	Ø 27 mm		Ø 32 mm	Ø 35 mm			
Hose length	3,5 m	3,5 m	3,5 m	2,5 m	3,2 m	4,0 m	4,0 m
Order no.	**631938000**	**631939000**	**631337000**	**631752000**	**631362000**	**631370000**	**630344000**
						antistatic **630177000** conducts electricity	
	antistatic						
Adapters and connectors	without adapter			with 624996000			
Long-neck sanders							
LSV 5-225 Comfort, LSV 5-225	■						
Cordless circular saws/plunge cut circular saw							
KS 18 LTX 57, KS 18 LTX 66 BL, KT 18 LTX 66 BL	■			■			
Circular saws							
KSE 55 Vario Plus, KS 55, KS 55 FS, KS 85 FS / KS 66 FS	■/□						
Jigsaws/cordless jigsaw							
STA 18 LTX 100, STAB 18 LTX 100 STE 140 Plus, STEB 140 Plus STA 18 LTX 140, STEB 65 Quick, STE 100 Quick	■						
STEB 70 Quick, STEB 80 Quick				■			
Sanding tools/cordless sanding tools							
DSE 280 Intec, DSE 300 Intec				with adapter 624994000			
FMS 200 Intec, FSR 200 Intec, FSX 200 Intec	■			with adapter 626996000			
SRE 3185, SR 2185, SXE 3125, SXE 3150	■						
SX E 400				■			
SXE 425 TurboTec, SXE 450 TurboTec , SXA 18 LTX 125 BL	■						
SXE 150-2.5 BL, SXE 150-5.0 BL	■						
SRE 4350 TurboTec, SRE 4351 TurboTec	■						
Multi-tools							
MT 18 LTX, MT 18 LTX BL QSL, MT 400 Quick	■						
Belt sanders							
BAE 75	■						
Diamond cutting systems and extraction shrouds							
T 13 - 125 CED, TEPB 19-180 RT CED, TE 24-230 MVT CED	■/□						
CED 125, CED 125 Plus, CED 125 Clip	■/□						
Guard Ø 180 mm, Ø 230 mm	■/□						
Routers and planers							
HO 18 LTX 20-82, HO 26-82, LF 724 S, OFE 738, OFE 1229 Signal	■/□						
Wall chasers							
MFE 65							■
MFE 40				■			
Renovation machines and extraction shroud							
RSEV 17-125, RESV 19-125 RT, RFEV 19-125 RT, Absaughaube GED 125	■/□						

1) only compatible with hose 631337000

■ Connection possible without adapter
□ Connection possible via an optional coupling bush (order no. 630796000)

Extraction possibility when drilling

- For all drills, combination and multi hammers as well as drills and impact drills
- Vacuum cleaner adapter for extracting the drill dust directly from the drilled hole
- Auto-suction on almost all surfaces

	Order no.		Order no.
DDE 14 For drill bits from Ø 4-14 mm Connection Ø 37 mm external / Ø 32 mm internal	630829000	**DDE 72** For drill bits and core bits from Ø 6-72 mm Connection Ø 37 mm external / Ø 32 mm internal	631343000

Which connection option for which wood processing tool?

	Mains-powered vacuum cleaner						Cordless vacuum cleaner			Chip and dust extraction units		
	ASA 32 L ASA 25 L PC[1] ASA 30 L PC Inox[1] ASR 25 L SC		ASR 50 L SC ASR 50 M SC ASR 35 L, M, H ACP				AS 18 L PC AS 18 L PC Compact AS 18 HEPA PC Compact ASR 36-18 BL 25 M SC			SPA 1200 SPA 1702 W SPA 2002 W SPA 2002 D		
Diameter	Ø 27 mm		Ø 32 mm	Ø 35 mm			Ø 58 mm			Ø 100 mm		
Length	3,5 m	3,5 m	3,5 m	2,5 m	3,2 m	4,0 m	3 m			2,5 m[2]	5 m	10 m
Order no.	**631938000**	**631939000**	**631337000**	**631752000**	**631362000**	**631370000**	**630312000**				**7854112915**	**7854115035**
		antistatic				antistatic **630177000** conducts electricity						
Adapters and connectors	without adapter		with suction adapter 0910059955	with adapter 630316000		with suction adapter 0910031260 + adapter 630316000	without adapter	with suction adapter Multi 0910058010	with suction adapter 0910031260	without adapter	with suction adapter Multi 0910058010	with universal adapter 0913031288
Mitre saws												
KS 18 LTX 216 KGS 18 LTX 216 KS 216 M Lasercut KGS 216 M KGSV 216 M KGS 254 M KGS 305 M KS 305 M	■/□							□			□	
KGSV 72 Xact KGSV 72 Xact SYM	■/□							□			□	
KGS 254 Plus KGS 254 I Plus KGS 315 Plus				■			■			■		
KGT 305 M	■/□							□			□	
Table saws												
TS 36-18 LTX BL 254	■/□						□				□	
TS 216 TS 254	■/□						■				■	
TS 254 M	■/□						■				□	
TKHS 315 C TKHS 315 M						■			■	■		
Planer thicknessers												
HC 260 C									■	■		
DH 330							■					■
Band saws												
BAS 261 Precision BAS 318 Precision	□			■			■			■		

■ Connection possible without adapter
□ Connection possibility via optionally available coupling bush (order no. 630796000)
[1] only compatible with hose 631337000
[2] only available in the scope of delivery, available as spare part

Suction hoses

		Order no.
	Suction hose Ø 27 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Rubber connector (internal Ø 30 mm, outside Ø 35 mm) Hose length: 3.5 m Hose-Ø, internal: 27 mm Hose-Ø, external: 33 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: yes Rotating adapter: machine side	631938000
	Suction hose Ø 27 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Rubber connector (internal Ø 30 mm, outside Ø 35 mm) Hose length: 3.5 m Hose-Ø, internal: 27 mm Hose-Ø, external: 33 mm Connection-Ø, external: 27 mm Anti-static: yes Conducts electricity: no Bayonet connection: yes Rotating adapter: no	631939000
	Suction hose Ø 32 mm ■ With coupling bush with shunt air opening ■ Standard equipment for ASA 25 L PC and ASA 30 L PC Inox Hose length: 3.5 m Hose-Ø, internal: 32 mm Hose-Ø, external: 40 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: no Rotating adapter: on both sides	631337000
NEW	**Stretch suction hose Ø 32mm** ■ Standard equipment for AS 18 L PC aspirator, suitable for all standard vacuum cleaners from the competition ■ Stretch suction hose for comfortable handling and maximum freedom of movement when vacuuming ■ Stretch suction hose with a length of 0.7 to 3.5 m Hose length: 0.7 - 3.5 m Hose-Ø, internal: 32 mm Hose-Ø, external: 40 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: no Rotating adapter: on both sides	630176000
	Suction hose Ø 35 mm ■ With swivel joint and bayonet connector ■ Standard equipment for AS 20 L Hose Length: 1.75 m Hose-Ø, internal: 38 mm Hose-Ø, external: 45 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: yes Rotating adapter: on both sides	631751000
	Suction hose Ø 35 mm ■ With swivel joint and bayonet connector Hose Length: 2.5 m Hose-Ø, internal: 38 mm Hose-Ø, external: 45 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: yes Rotating adapter: on both sides	631752000
	Suction hose Ø 35 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ With swivel joint ■ Standard equipment for ASA 32 L, ASR 50 L SC, ASR 25 L SC Hose length: 3.5 m Hose-Ø, internal: 38 mm Hose-Ø, external: 45 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: no Bayonet connection: no Rotating adapter: on both sides	631362000

		Order no.
	Suction hose for MFE, Ø 35 mm ■ When using a second suction hose, the dust extraction device can be placed at a distance of up to 8 m from the work area ■ With bayonet fitting for connection to the extraction nozzle of wall chasers MFE 30, MFX 65 and MFE 65 Hose length: 4 m Hose-Ø, internal: 33 mm Hose-Ø, external: 40 mm Connection-Ø, external: 58 mm Anti-static: no Conducts electricity: no Bayonet connection: yes Rotating adapter: on both sides	630344000
	Suction hose Ø 35 mm ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Standard equipment for ASA 50 M SC Hose length: 4 m Hose-Ø, internal: 38 mm Hose-Ø, external: 45 mm Connection-Ø, external: 27 mm Anti-static: yes Conducts electricity: no Bayonet connection: yes Rotating adapter: on both sides	631370000
	Suction hose Ø 58 mm ■ When using a second suction hose, the dust extraction device can be placed at a distance of up to 6 m from the work area Hose length: 3 m Hose-Ø, internal: 47 mm Hose-Ø, external: 58 mm Connection-Ø, external: 58 mm Anti-static: no Conducts electricity: no Bayonet connection: no	630312000
NEW	**Suction hose Ø 35 mm** ■ Suction hose electroconductive ■ Flexible and easy extension: extraction hose can be connected to a second one without additional connector ■ Standard equipment for ASR 36-18 BL 25 M SC Hose length: 4 m Hose-Ø, internal: 38 mm Hose-Ø, external: 45 mm Connection-Ø, external: 27 mm Anti-static: no Conducts electricity: yes Bayonet connection: yes Rotating adapter: on both sides	630177000

Adapter

		Order no.
	Handle adapter ■ As handle, for attaching between the suction hoses and the suction pipes ■ Standard equipment for ASR 2025, ASR 2050 and SHR 2050 M	630317000
	Reducing sleeve Ø 58/35 mm	631364000
	Adapter Ø 30/35 mm ■ For connecting the suction hose with connector Ø 35 mm to an extraction nozzle Ø 30 mm	624996000
	Adapter Ø 35/58 mm ■ For connecting the suction hoses with connection Ø 35 mm to an extraction nozzle Ø 58 mm. Adapter is part of the dust extraction set 630828000.	630316000*
	Coupling bush internal Ø 40 mm / external Ø 45 mm ■ Particularly suited for coarse dirt, as well as tools with high generation of dust ■ Suitable for power tools with an extraction connection with outer diameter of 40 mm ■ Conducts electricity Material: plastic External-Ø: 45 mm Internal Ø, 40 mm	630796000*

*Self-service packaging

		Order no.
	Coupling bush internal Ø 28 mm / external Ø 35 mm ■ Universal connection bush for most hand-held power tools. Standard connection bush of the Metabo suction hoses. ■ Conducts electricity; with non-slip internal corrugation ■ Suitable for power tools with an extraction connection with inner diameter of 35 mm ■ Suitable for power tools with an extraction connection with outer diameter of 28 mm Material: plastic External-Ø: 35 mm Internal Ø: 28 mm	630798000*
	Bayonet connector ■ Can be connected to Metabo tools with bayonet closure ■ Bayonet connector for connection to all Ø 35mm Metabo suction hoses (remove connection sleeve from the suction hose beforehand) ■ Suitable for: SXE 450 Turbotec; SXE 425 TURBOTEC; Of E 1229 Signal; KSE 55 Vario Plus; KS 66 Plus; KS 66; KSE 55 Vario Plus	630898000*
	Connecting sleeve Ø 58 mm ■ For joining two suction hoses with connector Ø 58 mm	631365000
	Y-piece With Ø 58 mm connector and two Ø 58 mm openings for use in the Metabo all-purpose vacuum cleaners and the special purpose vacuum cleaner	630897000*

Suction tubes

	Diameter mm	Length m	Material	Sales unit	Order no.
NEW	35	0,3	Plastic	1 Set	630168000*
	35	0,4	Plastic	2	630314000
	58	0,4	Plastic	2	630867000
	35	0,4	Chrome	2	631363000

Nozzles

		Order no.
	Suction nozzle ■ Ideal for use during installation after e.g. small drilling applications ■ Standard equipment for ASA 1202 and AS 18 L PC Width: 120 mm Connection-Ø, internal: 35 mm	630320000*
	Universal nozzle ■ The universal vacuum cleaner nozzle meets high demands ■ Large 2K castor at the back ■ No matter if carpet or hard floor, it glides particularly quietly and provides first-rate suction performance Reversible Width: 300 mm Connection-Ø, internal: 35 mm	630322000
NEW	**Floor nozzle** ■ Plastic floor nozzle with parking position, with bristles (not replaceable) and rollers ■ Design according to BG Bau specifications, dimensions of suction opening: 28x70 mm Width: 300 mm Connection-Ø, internal: 35 mm	630169000*

*Self-service packaging

Vacuuming and extraction

		Order no.
	Floor nozzle ■ Universal robust all-purpose nozzle - also ideal as addition to the standard nozzle ■ Multifunctional - also suited for wet application to absorb liquids ■ With brush head and rubber head Width: 370 mm Connection-Ø, internal: 35 mm	630329000
	Floor nozzle ■ The all-purpose brush for dry use ■ Adjustable castors to adjust the ground clearance ■ Very robust thanks to aluminium die-cast housing, metal design Width: 450 mm Connection-Ø, internal: 35 mm	631940000
	Floor nozzle ■ Universal robust all-purpose nozzle - also ideal as addition to the standard nozzle ■ Easy care, thanks to generous internal dimensions ■ Multifunctional - also suited for wet application to absorb liquids ■ Excellent handling, thanks to low weight for low-fatigue working Width: 360 mm Connection-Ø, internal: 58 mm	630868000
	Set of floor nozzles ■ Set made up of: Nozzle body, floor insert and insert for wet vacuuming Width: 370 mm Connection-Ø, internal: 35 mm	630321000
	Multi-purpose nozzle ■ With 3 inserts for vacuuming carpets, flat surfaces and for vacuuming liquids Width: 270 mm Connection-Ø, internal: 35 mm	630328000
	Universal brush ■ With very soft bristles, which gently loosen the dirt from the surface ■ Suitable for all surfaces, ideal also for use in car cleaning and in the cellar/workshop ■ Easy use thanks to handle Width: 40 mm Length: 120 mm Connection-Ø, internal: 35 mm	630244000*
	Upholstery brush ■ Universal use also e.g. as suction brush, furniture brush or instrument panel brush in the car ■ Flexible, the angle of inclination can be changed by rotating the brush head ■ The bristles easily remove the dirt from the surface before it is vacuumed Width: 40 mm Length: 60 mm Connection-Ø, internal: 35 mm	630245000*
	Crevice nozzle ■ The crevice nozzle is a universal tool ■ Thanks to its narrow shape it is ideal to clean very small crevices ■ It can be used in connection with wet & dry tools ■ Standard equipment for AS 1200, ASA 1202, ASR 2025, ASR 2050, SHR 2050 M and AS 18 L PC Length: 200 mm Connection-Ø, internal: 35 mm	630323000*
	Rubber nozzle ■ Cone for connection to power tools, climbing from 28.0 - 38 mm outside diameter Length: 200 mm Connection-Ø, internal: 35 mm	630324000*

*Self-service packaging

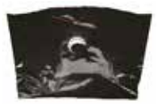
Which filter bags/filter cassettes fit which extraction unit?

Filter bags/filter cassettes			Order no.	AS 18 L PC	AS 18 L PC Compact	AS 18 HEPA PC Comapct	AS 20 L AS 1200 ASA 1201	ASA 32 L ASA 1202	ASA 25 L PC ASA 30 L PC Inox	ASR 25 L SC ASR 25 M SC ASR 36-18 BL 25 M SC ASR 2025 ASA 2025	ASR 50 L SC ASR 2050 SHR 2050 M	ASR 50 M SC	ASR 35 L/ M ACP	ASR 35 H ACP
PE disposal bag		25 l	630275000							■				
		30/50 l	630325000									■	■	■
		25/30 l	630298000						■					
Fleece filter bag		20 l	631629000				■							
		25/35 l	630343000							■			■	
		32 l	631665000					■						
		45/50 l	630359000								■	■		
		25/30 l	630296000						■					
		6 l	630164000		■	■								
		7,5 l	630173000	■										
Pleated filter		Polyester	631753000				■	■						
		Polyester	630299000						■					
		Polyester HEPA	630175000	■										
		Polyester	630172000	■										
		Polyester	630212000		■									
		Polyester HEPA	630213000			■								
Filter cassettes		Cellulose	631933000							■	■	■	■	
		Polyester	631934000							■	■	■	■	
		Polyester nano-coated	631894000							■	■	■	■	
		Polyester H/ HEPA	630326000											■

Filter bag

PE disposal bag

- 20 times the volume of paper filter bags
- No clogging with fine dust (especially quartz dust)
- Well suited for applications where large amounts of fine dust are generated (e.g. removal of plaster from surfaces, grinding and removal of screed etc.)
- Meet the requirements for M and H class vacuums
- Ideal when using machines for processing concrete and masonry, such as: renovation milling machines, renovation grinder, long-neck sanders, wall chasers etc.
- Clean, simple and fast removal and disposal

		Order no.
NEW	**PE disposal bag - 25 l** Suitable for: ASR 36-18 BL 25 M SC, ASR 25 M SC Sales unit: 5	630275000*
	PE disposal bag - 25/30 l Suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 5	630298000*
	**PE disposal bag - 35/50 l** Suitable for: ASR 35 L AutoClean, ASR 35 M AutoClean, ASR 50 M SC Sales unit: 5	630325000*

Fleece filter bag

- Fleece filter bags are better and easy to open out than paper ones
- Well suited for applications where small amounts of fine dust are generated (e.g. grinding and removal of paint and lacquer coatings or short drilling jobs with small diameters)
- Ideal for use with wood processing machines, such as routers, planer thicknessers, small random orbital sanders and orbital sanders etc.
- Improved mechanical stability

		Order no.
NEW	**Fleece filter bags - 6 l** Suitable for: AS 18 HEPA PC Compact, AS 18 L PC Compact Sales unit: 5	630164000*
	Fleece filter bag - 7.5 l Suitable for: AS 18 L PC Sales unit: 5	630173000*
	Fleece filter bag - 25/30 l Suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 5	630296000*
	Fleece filter bags – 25/35 l Suitable for: ASR 35 L AutoClean, ASR 35 M AutoClean, ASR 25 L SC , ASR 25 M SC, ASR 2050, ASA 2025, ASR 35 L ACP, ASR 35 M ACP, ASR 36-18 BL 25 M SC Sales unit: 5	630343000*

*Self-service packaging

		Order no.
	Fleece filter bags – 45/50 l Suitable for: ASR 50 L SC, ASR 50 M SC Sales unit: 5	630359000*
NEW	**Fleece filter bag - 20 l** Suitable for: AS 1200, ASA 1201, AS 20 L Sales unit: 5	631629000*
NEW	**Fleece filter bags – 32 l** Suitable for: ASA 1202, ASA 32 L Sales unit: 5	631665000*

Paper filter bag

		Order no.
	Paper filter bag, 27 litres Double-layer Suitable for: ASA 9011 Sales unit: 5	631348000*

Additional accessories for all-purpose vacuum cleaners

		Order no.
	Paper pre-filter ■ Prevents the pleated filter from becoming clogged with dirt and dust Suitable for: ASA 9050, ASR 1250 Sales unit: 5	631345000*
	Polyester pre-filter ■ Prevents the pleated filter from becoming clogged with dirt and dust Suitable for: AS 1200, ASA 1201, ASA 1202, AS 20 L, ASA 32 L Sales unit: 1	631967000*
	Pleated filter ■ Corresponds to dust class L Suitable for: AS 18 L PC Compact Sales unit: 1	630212000*
	Pleated filter ■ HEPA filter with reduction efficiency >99.95% Suitable for: AS 18 HEPA PC Compact Sales unit: 1	630213000*
	Pleated filter ■ Corresponds to dust class L Suitable for: AS 18 L PC Sales unit: 1	630172000*
	Pleated filter ■ HEPA filter with reduction efficiency >99.95% Suitable for: AS 18 L PC Sales unit: 1	630175000*
	Pleated filter ■ Corresponds to dust class M Suitable for: ASA 25 L PC, ASA 30 L PC Inox Sales unit: 1	630299000*

*Self-service packaging

		Order no.
	Pleated filter ■ Corresponds to dust class M Suitable for: AS 20 L, AS 1200, ASA 1201, ASA 32 L, ASA 1202 Sales unit: 1	631753000*
	Paper filter cassettes ■ Corresponds to dust class M Suitable for: ASA 2025, ASR 2025, ASR 2050, SHR 2050 M, ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 2	631933000*
NEW	**2 Polyester filter cassettes** ■ Corresponds to dust class: M ■ Also suitable for absorbing graphite/toner and vacuuming liquids Suitable for: ASA 2025, ASR 2025, ASR 2050, SHR 2050 M, ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 2	631934000*
NEW	**2 HEPA filter cassettes** ■ Corresponds to dust class H (HEPA 14) ■ HEPA = high efficiency particular air filter ■ Keeps back 99.995% of fine dusts larger than 0.3 µm Suitable for: ASR 2025, ASR 2050, SHR 2050 M, ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 2	630326000*
	2 Filter cassettes, polyester, nano-coated ■ Suitable for fibrous fine dusts; e.g. when cutting and grinding Fermacell boards, gypsum plaster and MDF boards ■ Larger pleat distance for better, easier cleaning of the filter ■ Smooth filter material (surface nano-coated); therefore significantly higher volume flow for a longer time ■ Corresponds to dust class M Suitable for: ASR 25 L SC , ASR 50 M SC, ASR 50 L SC, ASR 35 L AutoClean, ASR 35 L ACP, ASR 35 M AutoClean, ASR 35 M ACP Sales unit: 2	631894000*
	Carrying Handle ■ Very light and easily mobile as a result ■ Including spring cotter Suitable for: ASR 35 L AutoClean, ASR 35 M AutoClean Sales unit: 1	630311000
	Metadepot ■ For practical storage of pipes, cables and accessories. ■ Provides the combination of Metabo all-purpose vacuum cleaners with the MetaLoc system Suitable for: ASR 2025, ASR 2050, SHR 2050 M, ASR 25 L SC , ASR 50 L SC, ASR 50 M SC Sales unit: 1	631937000

*Self-service packaging

Extraction with start/stop automatic mechanism: now also possible for cordless tools

CORDLESS CONTROL

Previously, you had to switch your mains-powered vacuum cleaner separately on and off when using a cordless tool. With immediate effect, this is now taken over by the new start/stop set CordlessControl. **The vacuum cleaner is automatically switched on/off by detecting vibrations.**

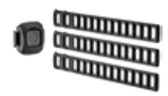
Easy to retrofit

For all brands of wet vacuum cleaners

Possible for all standard suction hose diameters

For all brands of cordless tools

CordlessControl

		Order no.
NEW	**Start/Stop set CordlessControl** ■ When starting upshutting down the cordless tool, the connected mains-powered vacuum cleaner starts/stops automatically ■ Compatible with standard cordless, mains-powered tools and vacuum cleaners available on the market ■ Manual starting of the vacuum cleaner is also possible with the remote button at the coupling bush of the hose ■ "Vibration detection" function at the transmitter permits automatic start-up/shut-down of the vacuum cleaner by detecting vibrations ■ If the vibrations are too low, the transmitter can be connected directly to to the extracting tool using the multi tape ■ Multi tape to fix the transmitter to all standard hose diameters ■ Start/stop cordless control replaces the function of the integrated power socket for a mains-powered tool Radio frequency: 2402 - 2445 Mhz Mains voltage: 220-240 V Power supply transmitter: CR2032 Signal strength: - 6 dBm Scope of delivery: receiver socket, transmitter, 3x multi tape, battery CR 2032	Typ F: 630231000* Typ E: 630234000* Typ J: 630253000*
 NEW	**CordlessControl transmitter with 3x multi tape** Radio frequency: 2402 - 2445 Mhz Power supply transmitter: CR2032 Signal strength: - 6 dBm Scope of delivery: transmitter, 3x multi tape, battery CR2032	630256000*
NEW	**Multi tape** ■ Replacement multi tape (3x) for Start/Stop Set CordlessControl ■ Scope of delivery: 3x multi tape	630403000*
NEW	**Remote-controlled socket CordlessControl** ■ Replacement socket for start/stop set CordlessControl Mains voltage: 220-240 V Scope of delivery: 1x remote-controlled socket	Typ F: 630413000* Typ E: 630414000* Typ J: 630406000*

Auto switch-on devices

- Automatic power on/off of the chip and dust extraction unit after the wood processing machine has been switched on or off
- Time-delayed: in this way, even residual dust is extracted

	Order no.
Auto switch-on device ALV 1 2 Alternating current sockets (230 V) 200 VA - 2300 VA IP 44 340 g Mains voltage: 220-240 V Mains frequency: 50 - 60 Hz Dimensions: 158 x 116 x 60 mm Suitable for: SPA 1000, SPA 1100, SPA 1701 W, SPA 2001 W, SPA 1101, SPA 1702 W, SPA 2002 W, SPA 1200	0913014626
Auto switch-on device ALV 10 2 Alternating current sockets (230 V) 2 Three-phase sockets (400 V) Mains connection with phase inverter Mains voltage: 220-240 V / 380-400 V 4 Screwing options M5 x 7.2 mm IP 44 Mains voltage: 230/400 V Mains frequency: 50 - 60 Hz Fuse protection: T 16 A Dimensions: 235 x 106 x 155 mm Suitable for: SPA 1000, SPA 1700 D, SPA 2000 D, SPA 1100, SPA 1701 W, SPA 2001 W, SPA 2001 D, SPA 1101, SPA 1702 W, SPA 2002 W, SPA 2002 D, SPA 1200	0913014634

Filter cartridges

- Filters the finest dust particles

	Order no.
Filter cartridge Filter area 5.2 m² Ø 327 x 857 mm Corresponds to dust class M Suitable for: SPA 1000, SPA 1100, SPA 1101	0913005058
Filter cartridge Filter area 5.2 m² Ø 327 x 857 mm Corresponds to dust class M Suitable for: SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 1200	0920016529
Filter cartridge Assortment pack of pocket filters with mounted filter plate (as spare) Corresponds to dust class M Suitable for: SPA 2001 W, SPA 2001 D, SPA 2002 W, SPA 2002 D	0913059441

Chip collection bags

	Order no.
Chip collection bag 480 x 806 mm, 120 µ , transparent Suitable for: SPA 1000, SPA 1100, SPA 1101 Sales unit: 10	0913007123
Chip collection bag 613 x 1180 mm, 120 µ , transparent Suitable for: SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 1200 Sales unit: 10	0913017617
Chip collection bag 785 x 1290 mm, 150 µ , transparent Suitable for: SPA 2000 D Sales unit: 10	0913013581

	Order no.
Chip collection bag 854 x 1320 mm, 200 µ , transparent Suitable for: SPA 2001 W, SPA 2001 D, SPA 2002 D, SPA 2002 W Sales unit: 10	0913059433
Dust bags Chip bags as replacement for the EOB 9228 Suitable for: AG 2416 Sales unit: 10	630896000
Dust bags Particularly tear-resistant and robust Suitable for: AG 2417 Sales unit: 5	631756000

Suction hoses, Ø 100 mm

Length m	Diameter mm	Order no.
5	100	7854112915
10	100	7854115035
2,5	100	630895000

Hose connection sets, Ø 100 mm

- For the length extension of the standard hose of the chip and dust extraction units
- Including adapter and transition ring

	Order no.
Hose connection set Length: 2.5 m Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 1200	0913010779
Hose connection set Length: 2 m Low flammability with inserted earth cable Suitable for: SPA 2000 D, SPA 2001 W, SPA 2001 D, SPA 2002 D, SPA 2002 W	0913013565

Suction adapter

	Order no.
Suction adapter KGS For connecting the crosscut and mitre saws to the Metabo all-purpose vacuum cleaner Suitable for: KGS 255, KGS 301, KGS 303, KGS 305, KGT 300	0910059955*
Suction adapter Multi For the connection of crosscut and mitre saws and mobile table saws For KGS 303 only with chip and dust extraction unit order no. 0910057561 Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0910058010*
Suction adapter For the connection of wet/dry vacuum cleaners to the wood processing machines Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0910031260*
Universal adapter As a coupling for transition ring or extraction nozzle DH 330 As a hose connection for the cleaning nozzle Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031288

*Self-service packaging

Diversions

		Order no.
	Diversion For connecting 2 hoses to the chip and dust extraction unit Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031296

Nozzles

		Order no.
	Cleaning nozzle For cleaning floors and machines Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031270

Transition rings

		Order no.
	Transition ring As a coupling for the universal adapter and for the diversion Supplied as standard with all chip and dust extraction units Suitable for: SPA 1000, SPA 1100, SPA 1101, SPA 1700 D, SPA 1701 W, SPA 1702 W, SPA 2000 D, SPA 2001 D, SPA 2001 W, SPA 2002 D, SPA 2002 W, SPA 1200	0913031300*
	Reducing sleeve Required for connecting the dust extractor to the Magnum TK 1066 and TKU 225 machines	630841000*

Accessories for hot air guns

Nozzles

		Order no.
	Wide jet nozzle, 50 mm ■ For drying and for removing paint Suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control, HG 18 LTX 500	630001000*
	Wide jet nozzle, 75 mm ■ Stripping old paint from larger surfaces Suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control, HG 18 LTX 500	630002000*
	Deflector nozzle, 75 mm ■ For removing old paint on window frames, for waxing and de-waxing skis Suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control, HG 18 LTX 500	630003000*
	Wrap around nozzle ■ For warming plastic tubes etc. prior to bending and shaping; shrinking on shrink-fit plastic sleeves, (e.g. on cable ends) suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control, HG 18 LTX 500	630004000*
	Reducing nozzle, 20 mm ■ For spot-heating e.g. soldering and welding Suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control, HG 18 LTX 500	630022000*
	Reducing nozzle 9 mm ■ For attaching the slit nozzle 630006000 and the welding nozzle 630007000. Also suitable for spot-heating, (e.g. soldering and welding) ■ For hot air guns with electronics only Suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control, HG 18 LTX 500	630005000*
NEW	**Reducing nozzle, 14 mm** ■ For spot-heating e.g. soldering and welding ■ Compatible with wide slit nozzle 630000000 (for welding of film) ■ For hot air guns with electronics only Suitable for H 16-500, HE 20-600, HE 23-650 Control, H 1600, HE 2000, HE 2300 Control, HG 18 LTX 500	630011000*
NEW	**Wide slit nozzle** ■ For welding of film ■ The reducing nozzle 630011000 is required to fit the nozzle ■ For hot air guns with electronics only suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control, HG 18 LTX 500	630000000*
	Slit nozzle ■ For overlap-welding of PVC tarpaulins and sheeting ■ The reducing nozzle 630005000 is required to fit the nozzle ■ For hot air guns with electronics only Suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control, HG 18 LTX 500	630006000*
	Welding nozzle ■ For working with plastic welding wire (up to diameter 5 mm!) ■ The reducing nozzle 630005000 is required to fit the welding nozzle. ■ For hot air guns with electronics only Suitable for HE 20-600, HE 23-650 Control, HE 2000, HE 2300 Control, HG 18 LTX 500	630007000*

* Self-service packaging

Accessories for staplers

Staples type 4, 4 mm wide

- Narrow crown staples to fix panels and wood profiles

Width mm	Length mm	Stainless	Suitable for	Sales unit	Order no.
4	12		Ta E 2019	2.000	630901000*
4	18		Ta E 2019, Ta E 3030, Ta M 3034	2.000	630903000*
4	23		Ta E 3030, Ta M 3034	2.000	630904000*
4	26		Ta E 3030, Ta M 3034	2.000	630905000*
4	30		Ta E 3030, Ta M 3034	2.000	630906000*

Staples type 53, 10 mm wide

- Fine wire staples to fix material and fabric

Width mm	Length mm	Suitable for	Sales unit	Order no.
10	8	Ta E 2019	1.000	630570000*
10	10	Ta E 2019	1.000	630571000*
10	12	Ta E 2019	1.000	630572000*
10	14	Ta E 2019	1.000	630573000*
10	18	Ta E 2019	1.000	630574000*

Flat wire staples type 53 F, 10 mm wide

- Flat wire staples to fix films

Width mm	Length mm	Suitable for	Sales unit	Order no.
10	8	Ta E 2019	2.000	630576000*

Nails

- Nails to fix skirtings and other wood fixtures

Length mm	Suitable for	Sales unit	Order no.
19	Ta E 2019, Ta E 3030, Ta M 3034	1.000	630593000*
25	Ta E 3030, Ta M 3034	1.000	630907000*
30	Ta E 3030, Ta M 3034	1.000	630908000*

* Self-service packaging

Further accessories for power tools

Accessories for glue guns

Hot-melt type glue sticks, light yellow

- For gluing wood, cardboard, leather, etc. (firm glue joints after just brief pressing time)
- Setting time measured for a 3 mm thick bead of glue on wood at 20 °C

Colour	Open time of adhesive Seconds	Weight kg	Order no.
Light yellow	approx. 25	0,5	630887000*
Light yellow	approx. 25	20	630891000

Hot-melt type glue sticks, transparent

- Also suitable for gluing plastics (e.g. polystyrene, polyester and polyamide), fabrics, etc. (strong, elastic glue joints)

Colour	Open time of adhesive Seconds	Weight kg	Order no.
Transparent	approx. 35	0,5	630886000*
Transparent	approx. 35	20	630889000

Additional nozzles

	Order no.
■ Consisting of threaded bush and 2 nozzles (crevice nozzle and round nozzle) for screwing into the threaded bush	630885000*

Accessory for cordless caulking guns

Cartridge tube

		Order no.
	Cartridge tube ■ Cartridge tube 400 ml incl. rack and push plate for standard foil bags and cartridges	630148000*

Accessory for cordless blind rivet gun

Chuck jaws

		Order no.
	Chuck jaws ■ Especially hardened chuck jaws, therefore low-wear and long service life	627355000*

Accessories for the cordless site light

Tripods

	Order no.
Tripod for cordless site light ■ Telescopic legs with quick locking and additional central telescopic extension ■ Stable support thanks to non-slip rubberised feet, tripod feet secured together with chains ■ Easy to transport thanks to carry strap and bag Working height: 85 cm – 173 cm Connecting thread: 5/8" Weight: 5 kg	623729000
Construction tripod ■ Multi-purpose aluminium construction tripod ■ Ideal for working on the cutting check line ■ Telescopic legs with quick locking and anti-splay stop ■ Geared column with metric gauge for fine adjustment of height ■ Removable tripod head for convenient setup ■ Good stability thanks to non-slip rubber feet ■ Adapter for connecting different devices ■ Easy to transport thanks to carry strap and bag Working height: 74 cm – 192 cm Working height including extension piece: up to 265 cm Connecting thread: 1/4"+ 5/8“ Weight: 5 kg	628791000

Protective screen

	Order no.
Protective screen, matt ■ Replacement protective screen for cordless site light ■ Suitable for cordless site light with order no. 602111010 and 602122850	623569000*

Accessories for measuring technology

	Order no.
Construction tripod ■ Multi-purpose aluminium construction tripod ■ Ideal for working on the cutting check line ■ Telescopic legs with quick locking and anti-splay stop ■ Geared column with metric gauge for fine adjustment of height ■ Removable tripod head for convenient setup ■ Good stability thanks to non-slip rubber feet ■ Adapter for connecting different devices ■ Easy to transport thanks to carry strap and bag Working height: 74 cm – 192 cm Working height including extension piece: up to 265 cm Connecting thread: 1/4" + 5/8" Weight: 5 kg	628791000
Telescopic support ■ Variable positioning up to 290 cm ■ Clamped at the touch of a button thanks to quick feed ■ Rubberised boards permit use on slanted ceilings ■ Ideal for laser measurement devices or site lights Load capacity up to 60 kg Connecting thread: 1/4" + 5/8" Transport height: 145 cm Weight: 2.5 kg	628790000

Accessories for cordless brush cutter

	Order no.
NEW **Back carry strap** ■ For ergonomic and safe working also in continuous mode ■ Padded in the back and shoulder area for ideal load distribution ■ Fast attachment thanks to practical carabiner	628428000*
NEW **Replacement spool with thread** ■ For mowing and trimming applications ■ Two-threaded system for fast work progress ■ Easy readjustment of the line by means of short tapping of the spool head while working ■ Metabo quick thread change: fast and without tools, without removing or opening the spool ■ Suitable for the cordless brush cutters FSD and FSB 36-18 LTX BL 40 Thread length: 4 m Thread diameter: 2 mm Thread type: M10 x 1.25 LH	628429000*
NEW **Replacement thread Ø 2 mm, spiral-shaped** ■ Spiral-shaped mowing thread for grass, light weeds and trimming applications ■ Powerful and low-noise cuts with little wear thanks to impact-proof material with flexible core ■ Suitable for normal thread heads Thread length: 30 m Thread diameter: 2 mm	628423000*
NEW **Replacement thread Ø 2 mm, wave-shaped** ■ Wave-shaped mowing thread for grass, light weeds and trimming applications ■ Energy-saving thread profile for powerful cuts with maximum runtime per battery charge ■ Suitable for normal thread heads Thread length: 30 m Thread diameter: 2 mm	628430000*
NEW **Brush cutter** ■ For thinning out and removal of dense undergrowth or matted grass ■ For trimming thorny hedges Diameter x thickness x bore: 255 x 2.3 x 25.4 mm	628432000*
NEW **Grass blade** ■ For large area applications in strong, dry grass or strong growth of weeds ■ Also suitable for reed and thin bushes Diameter x thickness x bore: 254 x 1.5 x 25.4 mm	628433000*
NEW **Blade adapter** ■ For installing grass or thicket blades on the cordless brush cutters	628434000*

Accessories for cordless lawn mowers

	Order no.
NEW **Mower blade 46 cm** ■ High-quality mower blade for mowing and mulching ■ Large cutting width of 46 cm ■ Suitable for the cordless lawn mower RM 36-18 LTX BL 46	628435000*

*Self-service packaging

Accessories for hedge trimmers

		Order no.
	Hedge trimmer maintenance oil spray ■ Based on natural oil, biodegradable Pump-spray-can, with 0.3 litre capacity Sales unit: 1 Packing unit: 6	630475000
	Hedge trimmer maintenance oil 1 ltr ■ Based on natural oil, biodegradable Sales unit: 1 Packing unit: 12	630474000

Accessories for cordless shrub and grass shears

		Order no.
 NEW	**Grass blade** ■ Grass blade for clean cutting of lawn edges ■ Metabo quick system: tool-free quick change of the two blade attachments for fast working ■ Practical cutting width of 11.5 cm	628424000*
 NEW	**Shrub blade** ■ Shrub blade for precise form cuts of shrubs and bushes ■ Metabo quick system: tool-free quick change of the two blade attachments for fast working ■ Practical cutting length of 20 cm	628425000*
 NEW	**Telescopic handle** ■ Stable telescopic handle for precise cutting of lawn edges whilst being gentle on the back ■ Easy attachment without tools ■ Overall length variable from 90 to 102 cm ■ Working angle adjustable by 125° ■ Suitable for PowerMaxx SGS 12 Q and SGS 18 LTX Q	628426000*

Accessories for chain saws

		Order no.
	Saw chain For Kt 1441; division: 3/8" ; drive links: 57	631670000*

Accessories for cordless leaf blower

		Order no.
 NEW	**Shoulder strap** ■ For powerful and safe working also in continuous mode ■ Soft pad in the shoulder area ■ Fast attachment thanks to practical carabiner	628427000*

* Self-service packaging

One battery, many solutions.

Cordless Alliance System (CAS) is an alliance of leading power tool brands. This permits now a number of professional applications also with cordless tools - from standard to special tasks.

Combine machines, battery packs and chargers of different brands with each other without any problems - CAS makes it possible.

www.cordless-alliance-system.com

CAS CORDLESS ALLIANCE SYSTEM

100% compatibility with all CAS brands in the 18 V class!

LiHD. Cut the cord - keep the power.

The powerful cells of the Metabo LiHD battery packs supply enough power to tackeld even the most demanding applications without cable. Thanks to the LiHD technology, Metabo is the only manufacturer worldwide to cover the performance spectrum up to 3,200 watt.

Maximum power that is available for an extremely long time, for any application.

LiHD TECHNOLOGY

ONE charger - ONE system.

Charging made extremely easy:
one charger for all Metabo slide-on battery packs from 12 to 36 volt.

LiHD battery packs

LiHD slide-on battery packs

- LiHD battery packs for ultimate performance and extremely long application with minimal temperature generation
- Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee
- Patented “AIR COOLED“ charging technology
- Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life.
- Processor-controlled charge and discharge management
- Capacity display for permanent control of the fill level
- Capacity display with almost no self-discharge

	Battery pack voltage V	Battery pack capacity Ah	Weight g		Order no.
NEW	**LiHD battery packs12 V**				
	12	4	320		625349000*
	LiHD battery packs18 V ■ One battery, many solutions.100% compatibility with all 18 V machines and chargers of the CAS brands: www.cordless-alliance-system.com				
	18	10	1.010	NEW	625549000*
	18	8	980		625369000*
	18	5,5	980		625368000*
	18	4	580		625367000*
NEW	**LiHD battery packs DS 18 V** ■ Battery pack with fall protection bar, easy and safe attachment with the safety connection for DS battery packs 628965000 (30cm) or 628966000 (60cm) ■ One battery, many solutions.100% compatibility with all 18 V machines and chargers of the CAS brands: www.cordless-alliance-system.com				
	18	10	1.010		624991000*
	18	5,5	980		624990000*
	18	4	580		624989000*
	LiHD battery packs36 V				
	36	6,2	1.640		625344000

* Self-service packaging

Li-ion battery packs

Li-Ion slide-on battery packs "AIR COOLED" Plus

- Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee
- Patented “AIR COOLED“ charging technology
- Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life.
- Processor-controlled charge and discharge management
- Capacity display for permanent control of the fill level
- Capacity display with almost no self-discharge

	Battery pack voltage V	Battery pack capacity Ah	Weight g	Order no.
NEW	**Li-Ion battery packs 12 V**			
	12	2	230	625406000*
	Li-Ion battery packs 14.4 V			
	14,4	2	330	625595000*
NEW	**Li-ion battery packs 18 V** One battery, many solutions.100% compatibility with all 18 V machines and chargers of the CAS brands: www.cordless-alliance-system.com			
				New from 7/21
	18	5,2	695	625592000* 625026000*
	18	4	685	625591000* 625027000*
	18	2	430	625596000* 625028000*
	Li-ion battery packs 36 V			
	36	5,2	1.400	625529000*
	36	1,5	690	625453000*

Li-Ion battery packs 12 V

- Ultra-M technology: Intelligent battery management for long-lasting battery packs with a 3 year guarantee
- Permanent Electronic Single Cell Protection (ESCP) when charging, for particularly long life.
- No memory effect
- Capacity display with almost no self-discharge
- Excellent environmental properties

NEW

	Battery pack voltage V	Battery pack capacity Ah	Weight g	Order no.
	12	4	380	625585000*
	12	2	185	625438000*

Chargers, desktop chargers

	Order no.
NEW **Double quick charger ASC 145 DUO** ■ Double quick chargers: For charging all Li-Ion and LiHD slide-on battery packs (12 V - 36 V) ■ Patented "AIR COOLED" charging technology: battery pack cooling during charging for significantly reduced charging times ■ Very low stand-by input power ■ Processor-controlled charging management for gentle charging and maximum number of charging cycles ■ For charging of all CAS brands battery packs: www.cordless-alliance-system.com ■ Two USB ports with 1.5 A charging current each Battery voltage: 12 - 36 V Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz Max. charging current: 8 A Output rating: 145 W Charging time for 18 V/4.0 Ah: 30 min Charging time for 18 V/8.0 Ah: 60 min Weight: 1,490 g	627495000*
NEW **Quick charger ASC 145** ■ For charging all Li-Ion and LiHD slide-on battery packs (12 V - 36 V) ■ Patented "AIR COOLED" charging technology: battery pack cooling during charging for significantly reduced charging times ■ Very low stand-by input power ■ Processor-controlled charging management for gentle charging and maximum number of charging cycles ■ One charger for everything: To charge all battery packs of the CAS brands: www.cordless-alliance-system.com Battery voltage: 12 - 36 V Mains voltage: 220-240 V Mains frequency: 50 - 60 Hz Max. charging current: 8 A Output rating: 145 W Charging time for 18 V/4.0 Ah: 30 min Charging time for 18 V/8.0 Ah: 60 min Weight: 551 g	627378000*
Charger ASC 55 ■ For charging all Li-Ion and LiHD slide-on battery packs (12 V - 36 V) with adapted battery pack charging current ■ Patented "AIR COOLED" charging technology: battery pack cooling during charging for significantly reduced charging times ■ Very low stand-by input power ■ Processor-controlled charging management for gentle charging and maximum number of charging cycles ■ One charger for everything: To charge all battery packs of the CAS brands: www.cordless-alliance-system.com Battery voltage: 12 - 36 V Mains voltage: 220-240 V Mains frequency: 50 - 60 Hz Max. charging current: 3 / 4 A Output rating: 55 W Charging time for 18 V/4.0 Ah: 80 min Charging time for 18 V/8.0 Ah: 160 min Weight: 582 g	627044000*
NEW **Desktop quick charger ASC 55 MULTI 8** ■ Fast, parallel charging of up to eight Li-Ion and LiHD slide-on battery packs from 12 - 36 volts; no time loss when charging multiple batteries at once ■ Patented "AIR COOLED" charging technology: battery pack cooling during charging for significantly reduced charging times ■ Robust aluminium housing with hook for space-saving wall mounting. With carry handle for mobile use ■ With a lead (680 watts) for 8 full-power charging stations with process-controlled charging management for each individual battery bay ■ Space-saving and tidy solution, ideal for medium-sized and large industrial/trade companies ■ Easy maintenance, requiring only annual BGVa3 test for lead cable, rather than 8 tests ■ One charger for everything: To charge all battery packs of the CAS brands: www.cordless-alliance-system.com Side on/off switch for the entire desktop charger Battery voltage: 12 - 36 V Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz Max. charging current: 3 A Output rating: 55 W Charging time for 18 V/4.0 Ah: 80 min Charging time for 18 V/8.0 Ah: 160 min	627093000
Charger LC 40 ■ For charging Li-ion battery packs 10.8 V ■ Charging time 2.0 Ah: 53 min; charging time 4.0 Ah: 105 min Battery pack voltage: 10.8 V Mains voltage: 220-240 V Mains frequency: 50 - 60 Hz Max. charging current: 2.3 A Weight: 355 g	627064000*

* Self-service packaging

	Order no.
NEW **Charger LC 12** ■ For charging Li-ion battery packs 10.8 - 12 V ■ Charging time 2.0 Ah: 120 min; charging time 4.0 Ah: 240 min Battery pack voltage: 10.8 - 12 V Mains voltage: 220-240 V Mains frequency: 50 - 60 Hz Max. charging current: 1 A Weight: 200 g	627108000*

Adapter for battery packs

Adapter for slide-on battery packs 12 V

	Order no.
PowerMaxx 12 V Adapter ■ The battery pack adapter is required to operate PowerMaxx machines for 10.8 or 12V push-in battery packs alternatively with a 12V slide-on battery pack.	625225000*

Basic sets battery packs with charger

			Order no.
12 V		**Basic Set 12V 2 x 2.0 Ah** 2 x Li-Power Battery Pack 12 V/2.0 Ah Charger SC 30 Type of battery pack: Li-Ion Battery pack voltage: 12 V Battery pack capacity: 2 2	685300000
12 V LiHD TECHNOLOGY		**Basic Set 12V 2 x LiHD 4.0 Ah** 2 x LiHD battery pack 12 V/4.0 Ah Charger ASC 55 Type of battery pack: LiHD Battery pack voltage: 12 V Battery pack capacity: 2 4	685301000
18 V CAS		**Basic Set 2 x 2.0 Ah** 2 x Li-Power battery pack 18 V/2.0 Ah Charger SC 30	685161000
		Basic Set 2 x 4.0 Ah 2 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 55	685050000
		Basic Set 3 x 4.0 Ah 3 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 55	685049000
		Basic Set 3 x 5.2 Ah 3 x Li-Power battery pack 18 V/5.2 Ah Quick charger ASC 145	685048000
		Basic set 2 x 5.2 Ah 2 x Li-Power battery pack 18 V/5.2 Ah Quick charger ASC 145	685051000
		Basic set 2 x 4.0 Ah + metaBOX 2 x Li-Power battery pack 18 V/4.0 Ah Charger ASC 55 metaBOX 145	685064000
		Basic set 2 x 5.2 Ah + metaBOX 2 x Li-Power battery pack 18 V/5.2 Ah Quick charger ASC 145 metaBOX 145	685065000

18 V

LiHD TECHNOLOGY

CAS CORDLESS ALLIANCE SYSTEM

		Order no.
	Basic set 2 x LiHD 4.0 Ah 2 x LiHD battery pack 18 V/4.0 Ah Charger ASC 55	685163000
	Basic set 3 x LiHD 4.0 Ah 3 x LiHD battery pack 18 V/4.0 Ah Charger ASC 55	685132000
	Basic set LiHD 1 x 4.0 Ah + 1 x 5.5 Ah 1 x LiHD battery pack 18 V/4.0 Ah + 1 x LiHD battery pack 18 V/5.5 Ah Charger ASC 55	685160000
	Basic set 2 x LiHD 5.5 Ah 2 x LiHD battery packs 18 V/5.5 Ah Quick charger ASC 145	685122000
	Basic set 3 x LiHD 5.5 Ah 3 x LiHD battery pack 18 V/5.5 Ah Quick charger ASC 145	685074000
	Basic set 2 x LiHD 4.0 Ah +metaBOX 2 x LiHD battery pack 18 V/4.0 Ah Quick charger ASC 145 metaBOX 145	685130000
	Basic set 3 x LiHD 4.0 Ah + metaBOX 3 x LiHD battery pack 18 V/4.0 Ah Charger ASC 55 metaBOX 145	685133000
	Basic set LiHD 1 x 4.0 Ah + 1 x 5.5 Ah + metaBOX 1 x LiHD battery pack 18 V/4.0 Ah + 1 x LiHD battery pack 18 V/5.5 Ah Charger ASC 55 metaBOX 145	685136000
	Basic set 2 x LiHD 5.5 Ah + metaBOX 2 x LiHD battery packs 18 V/5.5 Ah Quick charger ASC 145 metaBOX 145	685077000
	Basic Set 3 x LiHD 5.5 Ah + metaBOX 3 x LiHD Battery Pack 18 V/5.5 Ah Quick charger ASC 145 metaBOX 145	685069000
	Basic set 4x LiHD 5.5Ah ASC 145 DUO + metaBOX Basic set 4x LiHD 5.5 Ah 1 x ASC 145 Duo metaBOX 145	685180000
	Basic set 2 x LiHD 8.0 Ah + metaBOX 2 x LiHD battery pack 18 V/8.0 Ah Quick charger ASC 145 metaBOX 145	685131000
	Basic set 4 x LiHD 8.0 Ah + 2 x ASC 145 Duo + metaBOX 4 x LiHD battery pack 18 V/8.0 Ah Quick charger ASC 145 Duo metaBOX 145	685135000
	Basic set 2 x LiHD 10 Ah + metaBOX NEW 2 x LiHD battery pack 18 V/10.0 Ah Quick charger ASC 145 metaBOX 215	685142000
	Basic set 4 x LiHD 10 Ah + metaBOX NEW 4 x LiHD battery pack 18 V/10.0 Ah Quick charger ASC 145 DUO metaBOX 215	685143000

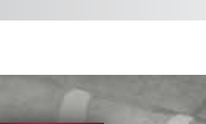
The solution for:

Workshop

Transport

Construction site

Robust



- Maximum load 125 kg
- Protection against dirt and moisture IP43
- Stable and ergonomic handles

Can be stacked

125 kg

- In all system widths
- With MetaLoc and other case solutions

Can be coupled

- Fast. With one handle. In all system widths.
- A box in the stack can easily be opened without having to decouple it

CONNECT

Mobile

metaBOX trolley

- Easy transport of metaBox and working material up to 100 kg

metaBOX adapter plate

- Suitable for Sortimo vehicle car equipment Globelyst and SR5

Transport systems

metaBOX system

metaBOX

- Intelligent transport and storage system for mobile working
- Extremely robust and break-proof due to the material (ABS) and design for maximum resilience
- Optimum protection of machine and accessories against dirt and moisture (IP43)
- Fast and easy stacking and coupling of the boxes in all system widths
- One box in the stack can easily be opened without having to decouple it
- A selection of two: Comfortable front handle for carrying the box near you and extra-wide cover handle to carry several stacked-up boxes
- Numerous tailor-made inserts (accessories) for individual order inside the box
- Clever accessories: Roller board for maximum mobility as well as an adapter plate to secure the boxes in the vehicle

CONNECT · 125 kg · IP43

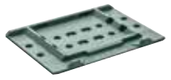
NEW

	Order no.
metaBOX 118 empty, without inserts Dimensions: 396 x 296 x 118 mm Weight: 1.3 kg	626882000
metaBOX 145 empty, without inserts Dimensions: 396 x 296 x 145 mm Weight: 1.57 kg	626883000
metaBOX empty 215, without inserts Dimensions: 396 x 296 x 215 mm Weight: 1.92 kg	626887000
metaBOX 340 empty, without inserts Dimensions: 396 x 296 x 340 mm Weight: 2.51 kg	626888000
metaBOX 145 L empty, without inserts Dimensions: 496 x 296 x 145 mm Weight: 1.85 kg	626884000
metaBOX 165 L empty, without inserts Max. load cover: 125 kg Weight: 1.95 kg	626889000
metaBOX 118, suitable for BS / SB, 12V Dimensions: 396 x 296 x 118 mm Weight: 1.56 kg	626885000
metaBOX 145, suitable for BS L / BS LT / SB L / SB LT, 18V Dimensions: 396 x 296 x 145 mm Weight: 1.64 kg	626886000
metaBOX 145 L, suitable for BS LTX / SB LTX, 18V Dimensions: 496 x 296 x 145 mm Weight: 1.99 kg	626891000
metaBOX 145 L, suitable for SBE / KHE / UHE Dimensions: 496 x 296 x 145 mm Weight: 2 kg	626892000
metaBOX 165 L, suitable for angle grinders up to disc Ø 125 mm Dimensions: 496 x 296 x 165 mm Weight: 2.29 kg	626890000

Storage solutions

	Order no.
NEW **metaBOX 118 organizer** ■ Intelligent transport and storage system for small parts and accessories ■ Maximum overview thanks to the twelve Sortimo insertion boxes in different sizes that can be positioned freely ■ Safe plug-in connection of each insertion box in the base of the organiser, which permits the use of individual boxes ■ With twelve labels for individual identification of the contents Set consisting of 4 of each insertion boxes 1x1 H63 (52 mm x 52 mm x 63 mm); 5x insertion boxes 1x2 H63 (104 mm x 52 mm x 63 mm); 2x insertion boxes 2x2 H63 (104 mm x 104 mm x 63 mm); 1x insertion boxes 2x3 H63 (157 mm x 104 mm x 63 mm) Dimensions: 396 x 296 x 118 mm Weight: 1.3 kg	626897000

Transport accessories

	Order no.
NEW **metaBOX trolley** ■ Maximum mobility in the workshop and on the construction site ■ Easy transport of metaBox and working material up to 100 kg ■ High degree of flexibility thanks to 4 rubberised castors that can be turned by 360° and 2 lock brakes ■ Comfortable coupling of the bottom metaBOX with the trolley thanks to foot operation ■ Side handles for easy carrying ■ Recesses for hanging in clamping straps to secure the load ■ Suitable for metaBOX and metaBOX L	626894000
 NEW **metaBOX adapter plate** ■ For the securing and orderly placement of boxes in the vehicle ■ Suitable for Sortimo vehicle equipment Globelyst and SR5 ■ Easy removal of the metaBOX by lifting from the handle ■ Suitable for metaBOX and metaBOX L ■ Easy and fast fixing in the vehicle equipment with the supplied screws	626895000

Inserts for machines and accessories

NEW

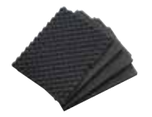
- Precisely customised insert for tools and accessories
- Material: PS (polystyrol)

	Order no.
Machine insert for cordless angle grinder CC 18 LTX BL Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.27 kg	628875000
Machine insert for cordless sabre saw SSE 12 BL/18 LTX/18 LTX BL Compact Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628876000
Machine insert for cordless circular saw MKS 18 LTX 58 / KS 18 LTX 57 Suitable for metaBOX 340, empty Dimensions: 373 x 260 mm Weight: 0.3 kg	628877000
Machine insert for cordless sabre saw SSE 18 LTX BL Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm	628878000
Machine insert for cordless multi-tool MT 18 LTX Compact / MT 18 LTX BL QSL Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.35 kg	628879000

		Order no.
	Machine insert for cordless rotary hammer KHA 18 LTX / SBE 18 LTX Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.26 kg	628880000
	Machine insert for cordless angle grinder WB 18 LTX BL150 Quick / 18 LTX BL 180 Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628881000
	Machine insert for cordless jigsaw STA 18 LTX 100 / STAB 18 LTX 100 Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.27 kg	628882000
	Machine insert for cordless rotary hammer KHA 18 LTX BL 24 Quick Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628883000
	Machine insert for cordless nibbler NP 18 LTX BL 5.0 Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.26 kg	628884000
	Machine insert for cordless combination sets with BS / SB / SSD Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628885000
	Machine insert for cordless combination sets BL with BS / SB / SSD / SSW Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.27 kg	628886000
	Machine inserts for cordless impact wrench SSW 18 LTX 600 Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628887000
	Machine insert for cordless jigsaw STA 18 LTX 140 Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628888000
	Machine insert for cordless combination sets with BS / SB / WS Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.27 kg	628889000
	Machine insert for cordless planer HO 18 LTX 20-82 Suitable for metaBOX 340, empty Dimensions: 373 x 260 mm Weight: 0.26 kg	628890000
	Machine insert for cordless sabre saw ASE 18 LTX Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628891000
	Machine insert for cordless combination sets 12V with BS / SB / SSE Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.27 kg	628893000
	Machine insert for cordless drill BE 18 LTX 6 Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628894000
	Machine insert for cordless die grinder GA 18 LTX Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628895000
	Machine insert for cordless angle grinder W 18 LTX 150 Quick Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628896000

		Order no.
	Machine insert for circular saw KS 66 FS Suitable for metaBOX 340, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628897000
	Machine insert for paint remover LF 724 S Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628898000
	Machine insert for jigsaw STE 140 / 140 Plus / STEB 140 Plus Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm	628899000
	Machine insert for rotary hammer KHE 3250 / KHE 3251 Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm	628901000
	Machine insert for multi-tool MT 400 Quick Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm	628902000
	Machine insert for orbital sander SRE 4350 TurboTec / SRE 4351 TurboTec Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.27 kg	628903000
	Machine insert for angle grinder WF 18 LTX 125 / WF 18 LTX 125 Quick Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm	628904000
	Machine insert for random orbital sander SXE 150-2.5 BL / SXE 150-5.0 BL Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628905000
	Machine insert for angle polisher PE 15-25 Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm	628906000
	Machine insert for renovation grinder RSEV 17-125 Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.32 kg	628907000
	Machine insert for random orbital sander SXE 450 Turbo Tec Suitable for metaBOX 215, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628908000
	Machine insert for diamond cutter system T 13-125 CED Suitable for metaBOX 340, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628909000
	Machine insert for router OF E 1229 SIGNAL Suitable for metaBOX 340, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628910000
	Machine insert for cordless bevelling tool KFM 18 LTX 3 RF / KFM 9-3 RF Suitable for metaBOX 215, empty Dimensions: 373 x 260 mm	628911000
	Machine insert for multi-line laser MLL 3-20 Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.24 kg	628912000
	Machine insert for Metaloc grinding media set 150 Suitable for metaBOX 215, empty Dimensions: 373 x 260 mm Weight: 0.21 kg	628913000

Transport systems

		Order no.
	Machine insert for planer HO 26-82 Suitable for metaBOX 215, empty Dimensions: 373 x 260 mm	628914000
	Machine insert for cordless hot air gun HG 18 LTX 500 Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.31 kg	628915000
	Machine insert for cordless angle grinder PowerMaxx CC 12 BL Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.2 kg	628916000
	Machine insert for cordless nibbler / cordless metal shears SCV 18 LTX BL 1.6 Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm Weight: 0.2 kg	628917000
	Machine insert for cordless shrub and grass shears PowerMaxx SGS 12 Q Suitable for metaBOX 145, empty Dimensions: 373 x 260 x 10 mm	628918000
	Machine insert for cordless shrub and grass shears SGS 18 LTX Q Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm	628919000
	Machine insert for cordless rotary hammer PowerMaxx BH 12 BL 16 Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm	628920000
	Machine insert for cordless rotary hammer BH 18 LTX BL 16 Suitable for metaBOX 145 L, empty Dimensions: 473 x 278 mm Weight: 0.31 kg	628921000
	Battery pack insert for Li-Power and LiHD battery pack basic sets Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm	628922000
	Machine insert for cordless plunge cut circular saw KT 18 LTX 66 BL Suitable for metaBOX 340, empty Dimensions: 373 x 260 mm	628923000
	Machine insert for hot air gun, mains powered Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm	628924000
	Machine insert for 2,200 watt hot air gun HGS 22-630 Suitable for metaBOX 145, empty Dimensions: 373 x 260 mm	628925000
	Machine insert for cordless rotary hammer KHA 36-18 LTX 32 Suitable for metaBOX 165 L, empty Dimensions: 473 x 278 mm Weight: 0.36 kg	628926000
	**Foam insert** Inert can be cut individually for optimal and safe storage With foam partition that can be cut to size 16x16x25mm Optimised storage permits easy access to the contents 4-piece set consisting of: convoluted foam, self-adhesive for the cover (25 mm), 1x foam without perforation and 2x foam with perforation (16x16x25mm)	
	Dimensions: 396 x 296 mm	626898000
	Dimensions: 496 x 296 mm	626899000

Accessories for MetaLoc cases

		Order no.
	Metadepot ■ For practical storage of pipes, cables and accessories. ■ Provides the combination of Metabo all-purpose vacuum cleaners with the MetaLoc system and metaBOX system ■ Numerous possible uses, e.g. with individually configurable foam inserts (accessories) ■ The MetaLoc stays in shape – even at extreme temperatures (-40° to +90°C) suitable for: ASR 2025, ASR 2050, SHR 2050 M, ASR 25 L SC , ASR 50 L SC, ASR 50 M SC Sales unit: 1	631937000
	Trolley ■ For extra mobility for the AS 18 L PC and the MetaLocs ■ Fast fixing of the cordless vacuum cleaners AS 18 L PC with metal clamps ■ Secure connection of the MetaLocs by means of clamping mechanism ■ Braked castors permit safe working on uneven surfaces	630174000

Plastic carry case

		Order no.
	Plastic carry case Plastic carry case suitable for all Metabo angle grinders with disc Ø 180 mm and 230 mm Dimensions: 175 x 730 x 315 mm	625451000

Tool bags

		Order no.
	Tool bag (small) ■ The robust and compact Metabo tool bag ■ On the inside of the bag there are three bag compartments with hook and loop straps to take two battery packs and one charger ■ On the outside there is a spacious pocket with zipper and two other small pockets on the left and right head with hook and loop closure for quick access ■ Comfortable side pads and padded shoulder strap ■ Three reflective Metabo logos for optimum visibility on the construction site ■ Stable, integrated base plate with strips to protect the bag contents ■ Material: water-repellent and tear-proof 600D polyester ■ Dimensions (lxwxh): 460 mm x 260 mm x 280 mm	657006000
	Tool bag (large) ■ The large, practical Metabo tool bag ■ On the inside of the bag there are five bag compartments with hook and loop straps to take three battery packs, one charger and accessories ■ On the outside there are two spacious pockets with zipper and three other small pockets for quick access ■ Comfortable side pads and padded shoulder strap ■ Three reflective Metabo logos for optimum visibility on the construction site ■ Stable, integrated base plate with strips to protect the bag contents ■ Material: water-repellent and tear-proof 600D polyester ■ Dimensions (lxwxh): 670 mm x 290 mm x 325 mm	657007000

Tool safety equipment / occupational safety

Well protected: The new tool safety equipment.

FALL PROTECTION

On the construction site, not only the worker must be secured, but also the tool. Even from low heights, the falling tools can cause significant damage.

The Metabo tool safety equipment guarantees safe working.

Certified in accordance with international safety standard ANSI/ISEA 121-2018

Tool safety equipment

		Order no.
NEW	**Tool safety belt DC up to 5kg** ■ Robust securing strap with battery pack securing loop to avoid or dampen impacts when the secured tool falls ■ No unintentional loosening of the secure connection thanks to carabiner with twist lock system ■ High degree of free movement without twisting or jamming thanks to integrated swivel joint ■ Clear marking of the maximum securing weight Max. securing weight: 5 kg	628969000*
NEW	**Tool safety belt: Quick Connect DS, up to 5kg** ■ Robust securing strap with battery pack securing loop to avoid or dampen impacts when the secured tool falls ■ Quick connect: Ready for use in a matter of seconds thanks to carabiner with safe twist-lock system on both ends ■ High degree of free movement without twisting or jamming thanks to integrated swivel joint ■ Clear marking of the maximum securing weight Max. securing weight: 5 kg	628970000*
NEW	**Tool safety belt: DS, up to 20 kg** ■ Robust securing strap with battery pack securing loop to avoid or dampen impacts when the secured tool falls ■ No unintentional loosening of the secure connection thanks to carabiner with twist lock system ■ High degree of free movement without twisting or jamming thanks to integrated swivel joint ■ Clear marking of the maximum securing weight Max. securing weight: 20 kg	628971000*
NEW	**Anchor strap up to 40 kg** ■ Safe anchorage and loadable extension for tool safety equipment ■ Fast, easy fixture to the scaffolding or other suitable anchorage points ■ Locking arms ob both sides for optional fixing to the anchorage point using the tape 628964000 ■ Clear marking of the maximum securing weight Max. securing weight: 40 kg	628968000*
NEW	**Safety connection for battery pack DS, 30 cm** ■ Robust safety connection for all Metabo LiHD battery pack DS variants ■ No unintentional loosening of the secure connection thanks to carabiner with twist lock system ■ Clear marking of the maximum securing weight Max. securing weight: 2.5 kg	628965000*

* Self-service packaging

		Order no.
NEW	**Safety connection for battery pack DS, 60 cm** ■ Robust safety connection for all Metabo LiHD battery pack DS variants ■ No unintentional loosening of the secure connection thanks to carabiner with twist lock system ■ Clear marking of the maximum securing weight Max. securing weight: 2.5 kg	628966000*
NEW	**10 safety belts with D-ring up to 3 kg** ■ Tear-proof nylon belt with extra strong, all-round closed D-ring for maximum safety ■ Easy and safe attachment of the safety belt on the tool using the safety tape (628964000) ■ Clear marking of the maximum securing weight Max. securing weight: 3 kg	628963000*
NEW	**Safety tape, self-adhesive up to 5 kg** ■ Safety tape for easy and safe attachment of the safety belt with D-ring (628963000) on the tool ■ Self-adhesive, flexible silicone tape for easy and fast creation of loadable connections ■ High degree of connection safety thanks to integrated tear-proof glass fibre net ■ If needed, the tape can be removed from the tool without leaving any residue Max. securing weight: 5 kg	628964000*

Safety goggles

		Sales unit / sales display	Order no.
	Protective goggles ■ Perfect all-round protection, large field of vision thanks to specially shaped lens ■ Excellent ventilation thanks to optimally designed side arms ■ Special coating (outside scratch-proof, inside anti-fog) ■ Lens colourless, UV 2 - 1.2 ■ Use for light dust activities, mounting activities, grinding work, drilling and milling jobs	1 piece / 5 pieces	623751000*
	Protective goggles ■ Perfect all-round protection, large field of vision thanks to specially shaped lens ■ Excellent ventilation thanks to optimally designed side arms ■ Special coating (outside scratch-proof, inside anti-fog) ■ Grey lens, UV 5 - 2.5, for perfect use when working outdoors ■ Use for light dust activities, mounting activities, grinding work, drilling and milling jobs	1 piece / 5 pieces	623752000

Working gloves M1

- Tailored protective glove
- Finish made from easy-grip, soft Amara leather on the palm, high degree of flexibility and grip
- Protection from mechanical stress
- Abrasion-proof, breathable
- Does not contain any substances known to cause allergies
- DIN EN 388 (2121X)

	Order no.
Working gloves M1, size 9	623757000*
Working gloves M1, size 10	623758000*

Working gloves M2

- Ideally shaped 5-finger knitted glove made from PA/Spandex, palm coated in black Nitrile/PU
- Breathable
- Excellent safe grip
- Does not contain any substances known to cause allergies
- DIN EN 420

	Order no.
Working gloves M2, size 9	623759000*
Working gloves M2, size 10	623760000*

Accessories for compressed air systems

Accessories for compressors

Oils

	Order no.
Compressor oil, 1 litre, for piston condenser Mineral	0901004170

Compressed air preparation

Maintenance units

- Consisting of filter controller FR and lubricator L
- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063869
1/2"	14	0901063850

Filter controller

- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063877
1/2"	14	0901063885

Controller

- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063834
1/2"	14	0901063826

Filter

- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063818
1/2"	14	0901063800

Lubricator

- Wall mounting: Line installation and control panel installation possible

Connecting thread	Maximum inlet pressure bar	Order no.
1/4"	12	0901063796
1/2"	14	0901063788

Line lubricator

Connecting thread	Order no.
1/4"	0901054584*

Oils

	Order no.
Special oil 0.5 litres for compressed air tools Mineral	0901008540

* Self-service packaging

Accessories for compressed air systems

Pipe system

Compressed air lines

Outer Ø mm	Internal Ø mm	Length m	Material	Version	Order no.
15	12	25	Plastic	Flexible (rolls)	7851194171
22	18	25	Plastic	Flexible (rolls)	7851194180

Distributors

		Order no.
	Wall disc Plastic	7876194001
	Diffuser can Brass thread Without locking screw	0901059691

Connections

- with male thread

Diameter mm	Connecting thread	Material	Order no.
22	3/4"	Plastic	7876193943
15	1/2"	Plastic	7876193951

Plug connector

	Diameter mm	Material	Order no.
	T-plug connector		
	15	Plastic	7876194010
	22	Plastic	7876194028
	Angle plug connector		
	15	Plastic	7876194060
	22	Plastic	7876194079
	Straight plug connectors		
	15	Plastic	7876194125
	22	Plastic	7876194133

Pipe socket

Diameter mm	Connecting thread	Material	Order no.
15	1/2"	Plastic	7876193978
22	1/2"	Plastic	7876193986
22	3/4"	Plastic	7876193994

Air cocks

Diameter mm	Connecting thread	Order no.
15	1/2"	0901059489
22	3/4"	0901059500

Safety rings

Diameter mm	Material	Order no.
22	Plastic	7876194117

Tubular joints

Diameter mm	Material	Order no.
15	Plastic	7876693610
22	Plastic	7876693628

Pipe cutter

		Order no.
	Pipe cutter Maximum diameter: 28 mm	9109691680

Accessories for compressed air systems

Compressed air hoses

Compressed air hoses with fabric insert

- For all normal applications

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
5	6	11	20	Euro	With quick-action coupling and nipple	0901054908
5	6	11	20	ISO	With quick-action coupling and nipple	628779000
10	6	11	20	Euro	With quick-action coupling and nipple	0901054916
10	9	14	20	Euro	With quick-action coupling and nipple	0901054924
10	9	14	20	ISO	With quick-action coupling and nipple	628781000
50	9	14	20	-	Rolls	0901054932
50	12,5	18	12	-	Rolls	0901056161

Super Air compressed air hoses

- Very flexible hose, even at low temperatures
- Resistant against compressed air containing oil

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
10	6,3	11	20	Euro	With quick-action coupling and nipple	0901056048
10	6,3	11	20	ARO	With quick-action coupling and nipple	0901058903
10	10	15,5	20	Euro	With quick-action coupling and nipple	0901056056
10	10	15,5	20	ARO	With quick-action coupling and nipple	0901057290
10	10	15,5	20	ISO	With quick-action coupling and nipple	628783000
50	10	15,5	20	-	Rolls	0901057303

Spiral hoses, Rilsan

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
5	6	8	8	Euro	With quick-action coupling and nipple	0901054940
5	6	8	8	ARO	With quick-action coupling and nipple	0901056218
5	6	8	8	ISO	With quick-action coupling and nipple	628768000
7,5	6	8	8	Euro	With quick-action coupling and nipple	0901054959
7,5	6	8	8	ARO	With quick-action coupling and nipple	0901056226
7,5	6	8	8	ISO	With quick-action coupling and nipple	628769000
10	8	10	8	Euro	With quick-action coupling and nipple	0901054967

Spiral hose, polyurethane

- Highly elastic special hose for professional applications
- No permanent reduction of volume due to kinks
- Non-abrasive

Length m	Internal Ø mm	Outer Ø mm	Maximum pressure bar	Profile	Version	Order no.
6	8	12	8	Euro	With quick-action coupling and nipple	0901062145

Hose reels

		Order no.
	Hose recoiler SA 100 ■ With 20 m compressed air hose with fabric insert ■ Quick connection coupling 1/4" Euro and plug-in nipple 1/4" Length: 20m Internal Ø: 9 mm External Ø: 15 mm Maximum pressure: 15 bar Weight: 4 kg	0901054975
	Hose reel ST 200 ■ With 30m highly flexible PU hose ■ Quick connection coupling 1/4" Universal and plug-in nipple 1/4" (Euro, ARO and ISO) ■ 360° rotating Length: 30m Internal Ø: 8.5 mm External Ø: 12.5 mm Maximum pressure: 12 bar Weight: 8 kg	0901054568
	Hose recoiler SA 250 ■ With 8 m highly flexible PU hose ■ Quick connection coupling 1/4" Universal and plug-in nipple 1/4" (Euro, ARO and ISO) ■ Automatic function: lock and recoil simply by pulling the hose. ■ With wall and ceiling mounting brackets ■ Plastic sleeve Length: 8 m Internal Ø: 8 mm External Ø: 12 mm Maximum pressure: 15 bar Weight: 2.9 kg	628820000
	Hose recoiler SA 312 ■ With 12 m highly flexible PU hose ■ Quick connection coupling 1/4" Universal and plug-in nipple 1/4" (Euro, ARO and ISO) ■ Automatic function: lock and recoil simply by pulling the hose. ■ With wall and ceiling mounting brackets ■ Metal housing ■ Length of connecting hose 1 m Length: 12 m Internal Ø: 8 mm External Ø: 12 mm Maximum pressure: 12 bar Weight: 8 kg	628824000

Brass parts

Compressed air distributor

	Version	Connecting size	Profile	Packaging	Sales unit	Order no.
	Female thread	3/8"	Euro	Self-service packaging	1	0901026645*
	Female thread	3/8"	Euro	Self-service packaging	1	0901026653*
	Female thread	3/8"	-	Self-service packaging	1	628759000*
	Female thread	3/8"	-	Self-service packaging	1	628760000*

Quick connection couplings Euro

Quick connection couplings Euro with male thread
- Brass coupling for plug-in nipple with Euro profile

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	0901031517*
Male thread	3/8"	Self-service packaging	1	0901025894*
Male thread	1/2"	Self-service packaging	1	0901025908*
Male thread	1/4"	Loose	1	7802009083
Male thread	3/8"	Loose	1	7802009091
Male thread	1/2"	Loose	1	7802009105

Quick connection couplings Euro with female thread
- Brass coupling for plug-in nipple with Euro profile

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	0901025916*
Female thread	3/8"	Self-service packaging	1	0901025924*
Female thread	1/2"	Self-service packaging	1	0901025932*
Female thread	1/4"	Loose	1	7801009055
Female thread	3/8"	Loose	1	7801009063
Female thread	1/2"	Loose	1	7801009071

*Self-service packaging

Quick connection couplings Euro with nozzle
- Brass coupling for plug-in nipple with Euro profile

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	0901025940*
with spout	9 mm	Self-service packaging	1	0901026351*
with spout	13 mm	Self-service packaging	1	0901026360*
with spout	6 mm	Loose	1	7800009035
with spout	9 mm	Loose	1	7800009043
with spout	13 mm	Loose	1	7800009558

Quick connection couplings UNI

Quick connection couplings UNI with male thread
- Universal coupling for plug-in nipple with Euro, ARO or ISO profile

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	628700000*
Male thread	3/8"	Self-service packaging	1	628701000*
Male thread	1/2"	Self-service packaging	1	628702000*

Quick connection couplings UNI with female thread
- Universal coupling for plug-in nipple with Euro, ARO or ISO profile

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	628703000*
Female thread	3/8"	Self-service packaging	1	628704000*
Female thread	1/2"	Self-service packaging	1	628705000*

Quick connection couplings UNI with nozzle
- Universal coupling for plug-in nipple with Euro, ARO or ISO profile

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	628706000*
with spout	9 mm	Self-service packaging	1	628707000*
with spout	13 mm	Self-service packaging	1	628708000*

Plug-in nipple Euro

Plug-in nipple Euro with male thread
- For use with Euro and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	0901025983*
Male thread	3/8"	Self-service packaging	1	0901025991*
Male thread	1/2"	Self-service packaging	1	628736000*
Male thread	1/4"	Loose	1	7803009117
Male thread	3/8"	Loose	1	7803009133
Male thread	1/2"	Loose	1	628738000

Plug-in nipple Euro with female thread
- For use with Euro and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	0901026017*
Female thread	3/8"	Self-service packaging	1	0901026025*
Female thread	1/2"	Self-service packaging	1	628737000*
Female thread	1/4"	Loose	1	7803009125
Female thread	3/8"	Loose	1	7803009141
Female thread	1/2"	Loose	1	628739000

Plug-in nipple Euro with nozzle
- For use with Euro and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	0901025959*
with spout	6 mm	Self-service packaging	1	0901025967*
with spout	13 mm	Self-service packaging	1	0901025975*
with spout	6 mm	Loose	1	7804065606
with spout	9 mm	Loose	1	7804009161
with spout	13 mm	Loose	1	7804010372

Plug-in nipple ARO

Plug-in nipple ARO with male thread
- For use with ARO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	628730000*
Male thread	3/8"	Self-service packaging	1	628731000*
Male thread	1/2"	Self-service packaging	1	628734000*

Plug-in nipple ARO with female thread
- For use with ARO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	628732000*
Female thread	3/8"	Self-service packaging	1	628733000*
Female thread	1/2"	Self-service packaging	1	628735000*

Plug-in nipple ARO with nozzle
- For use with ARO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	628720000*
with spout	9 mm	Self-service packaging	1	628721000*
with spout	13 mm	Self-service packaging	1	628722000*

*Self-service packaging

Plug-in nipple ISO

Plug-in nipple ISO with male thread
- For use with ISO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread	1/4"	Self-service packaging	1	628747000*
Male thread	3/8"	Self-service packaging	1	628748000*
Male thread	1/2"	Self-service packaging	1	628749000*

Plug-in nipple ISO with female thread
- For use with ISO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread	1/4"	Self-service packaging	1	628754000*
Female thread	3/8"	Self-service packaging	1	628755000*
Female thread	1/2"	Self-service packaging	1	628756000*

Plug-in nipple ISO with nozzle
- For use with ISO and UNI couplings

Version	Connecting size	Packaging	Sales unit	Order no.
with spout	6 mm	Self-service packaging	1	628740000*
with spout	9 mm	Self-service packaging	1	628741000*
with spout	13 mm	Self-service packaging	1	628746000*

Double nipple

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread x male thread	1/4" x 1/4"	Self-service packaging	1	0901026130*
Male thread x male thread	3/8" x 3/8"	Self-service packaging	1	0901026149*
Male thread x male thread	1/2" x 1/2"	Self-service packaging	1	0901026157*
Male thread x male thread	1/4" x 1/4"	Loose	1	7806009185
Male thread x male thread	3/8" x 3/8"	Loose	1	7806034996
Male thread x male thread	1/2" x 1/2"	Loose	1	7806009207

Reducing double nipple

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread x male thread	1/4" x 3/8"	Self-service packaging	1	0901026173*
Male thread x male thread	1/4" x 1/2"	Self-service packaging	1	0901026190*
Male thread x male thread	3/8" x 1/2"	Self-service packaging	1	0901026203*
Male thread x male thread	1/8" x 1/4"	Loose	1	7808009247

Reducers

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread x male thread	1/4" x 3/8"	Self-service packaging	1	0901026220*
Female thread x male thread	1/4" x 1/2"	Self-service packaging	1	0901026238*
Female thread x male thread	3/8" x 1/2"	Self-service packaging	1	0901026246*
Female thread x male thread	1/2" x 3/4"	Self-service packaging	1	0901026254*
Female thread x male thread	1/8" x 1/4"	Loose	1	7809009275
Female thread x male thread	1/4" x 3/8"	Loose	1	7809009283
Female thread x male thread	1/4" x 1/2"	Loose	1	7809035764
Female thread x male thread	3/8" x 1/2"	Loose	1	7809009291

Hose Nozzles

Hose nozzles with male thread
- Brass hose nozzle

Version	Connecting size	Packaging	Sales unit	Order no.
Male thread x sleeve	1/4" x 6 mm	Self-service packaging	1	0901026041*
Male thread x sleeve	1/4" x 9 mm	Self-service packaging	1	0901026068*
Male thread x sleeve	3/8" x 6 mm	Self-service packaging	1	0901026050*
Male thread x sleeve	3/8" x 9 mm	Self-service packaging	1	0901026076*
Male thread x sleeve	1/4" x 6 mm	Loose	1	7805009343
Male thread x sleeve	3/8" x 6 mm	Loose	1	7805009351
Male thread x sleeve	1/4" x 9 mm	Loose	1	7805009440
Male thread x sleeve	3/8" x 9 mm	Loose	1	7805009483
Male thread x sleeve	1/4" x 13 mm	Loose	1	7805033767
Male thread x sleeve	1/2" x 13 mm	Loose	1	7805009300
Male thread x sleeve	3/8" x 13 mm	Loose	1	7805009319

Hose nozzles with female thread
- Brass hose nozzle

Version	Connecting size	Packaging	Sales unit	Order no.
Female thread x sleeve	1/4" x 6 mm	Self-service packaging	1	0901026084*
Female thread x sleeve	1/4" x 9 mm	Self-service packaging	1	0901026092*
Female thread x sleeve	3/8" x 6 mm	Self-service packaging	1	0901026289*
Female thread x sleeve	3/8" x 9 mm	Self-service packaging	1	0901026106*
Female thread x sleeve	3/8" x 6 mm	Loose	1	7805009459
Female thread x sleeve	1/4" x 6 mm	Loose	1	7805009416
Female thread x sleeve	1/4" x 9 mm	Loose	1	7805009432
Female thread x sleeve	3/8" x 9 mm	Loose	1	7805009475

*Self-service packaging

Hose connection sleeve

Version	Connecting size	Packaging	Sales unit	Order no.
Sleeve x sleeve	6 mm x 6 mm	Self-service packaging	1	0901026378*
Sleeve x sleeve	9 mm x 9 mm	Self-service packaging	1	0901026386*
Sleeve x sleeve	6 mm x 6 mm	Loose	1	7807009367
Sleeve x sleeve	9 mm x 9 mm	Loose	1	7807009375

Clamps

	From Ø mm	To Ø mm	Packaging	Sales unit	Order no.
	Screw clamps				
	9,5	11,5	Self-service packaging	5	0901026777*
	12	20	Self-service packaging	5	0901026807*
	Hose clamps				
	11	13	Self-service packaging	5	0901054983*
	13	15	Self-service packaging	5	0901054991*

Fabric sealing tape

	Order no.
Sealing tape for threads ■ Seals without hemp or sealing paste ■ For metal and plastic threaded joints Length on roll: 12 m	0901026319*

Accessories for impact drivers and wrenches, ratchet screwdrivers

Socket wrench sets

	Order no.
Socket wrench set 1/2" (10 pieces) Consisting of 10 socket wrenches (10, 11, 12, 13, 15, 17, 19, 21, 22, 24 mm)	628831000
Socket wrench set 1/2" (3 pieces) Consisting of 3 socket wrenches (17, 19, 21 mm) For alloy wheel caps, long version	628833000
Socket wrench extension 1/2" impact-proof Overall length 150 mm	628832000
Socket wrench set 3/4" (8 pieces) Consisting of 8 socket wrenches (21, 22, 24, 26, 27, 28, 30, 32 mm)	628834000
Socket wrench set 1" (8 pieces) Consisting of 8 socket wrenches (24, 27, 30, 32, 33, 34, 36, 38 mm) Deep version	628835000

Further accessories for impact drivers & wrenches

Magnetic wall bracket
Retention force 15 kg
Suitable for air tools, for 3/8", 1/2" and 3/4" air impact wrenches and accessories

628848000

Accessories for staplers and nailers

Staples

Type 90, back width 5.8 mm/wire thickness 1.05 x 1.27 mm
- Treated with resin
- Galvanized

Staple type	Width mm	Overall length mm	Sales unit	Suitable for	Order no.
Type 90	5,8	15	2.000	Kombi 32, Kombi 40/50, KG 90/25, KG 90/40	0901053790
Type 90	5,8	20	2.000	Kombi 32, Kombi 40/50, KG 90/25, KG 90/40	0901053804
Type 90	5,8	25	2.000	Kombi 32, Kombi 40/50, KG 90/25, KG 90/40	0901053812
Type 90	5,8	30	2.000	Kombi 32, Kombi 40/50, KG 90/40	0901053820
Type 90	5,8	35	2.000	Kombi 40/50, KG 90/40	0901053839
Type 90	5,8	40	2.000	Kombi 40/50, KG 90/40	0901053847

Type 80, back width 12.8 mm/wire thickness 0.65 x 0.95 mm
- Treated with resin
- Galvanized

Staple type	Width mm	Overall length mm	Sales unit	Suitable for	Order no.
Type 80	12,8	6	3.000	KG 80/16, DKG 80/16	0901053855
Type 80	12,8	8	3.000	KG 80/16, DKG 80/16	0901053863
Type 80	12,8	10	3.000	KG 80/16, DKG 80/16	0901053871
Type 80	12,8	12	3.000	KG 80/16, DKG 80/16	0901053880
Type 80	12,8	14	3.000	KG 80/16, DKG 80/16	0901053898
Type 80	12,8	16	3.000	KG 80/16, DKG 80/16	0901053901

Brad Nails

- Galvanized
- Wire thickness 0.9 x 1.2 mm

Nail type	Overall length mm	Sales unit	Suitable for	Order no.
Type SKN	16	1.000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053715
Type SKN	20	1.000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053723
Type SKN	25	1.000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053731
Type SKN	30	1.000	Kombi 32, Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053740
Type SKN	35	1.000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053758
Type SKN	40	1.000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053766
Type SKN	45	1.000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053774
Type SKN	50	1.000	Kombi 40/50, SKN 50, DSN 50, DKNG 90/40	0901053782

* Self-service packaging

Accessories for tyre inflation & pressure gauge

		Order no.
	Adapter for bicycle valve To inflate bicycle tyres with a tyre-inflator	0901026262*
	Adapter for ball hollow needle To inflate balls with a tyre-inflator	0901031550*
	Valve set, 3-piece Consisting of bicycle valve adapter, ball adapter and adapter for air mattress	0901055769*
	Lever connector with clip Suitable for hose inside diameter 6 mm	7710672339
	Connecting hose (as spare); male thread: 1/4"	0901026661*
	Connecting hose with lever connector (as spare)	1001672319
	Manometer Ø 80 mm (1-10 bar) With protecting cap; calibrated; for RF 480	7823672327
	Manometer tyre-inflator (as spare); e.g. for RF 100	0901026815*

Accessories for paint spray guns

Nozzle kits for paint spray guns
- Consisting of spray head, paint nozzle, colour needle and gasket. Nozzle kits for paint spray gun 600 HVLP/ LVLP without additional gasket.

	Diameter mm	Suitable for	Order no.
	1,2	FB 150, SB 200, FSP 600, FSP 1000 S	0901026858*
	1,5	FB 150, SB 200, FSP 600, FSP 1000 S	0901026866*
	2	FB 150, SB 200, FSP 600, FSP 1000 S	0901026882*
	2,5	FB 150, SB 200, FSP 600, FSP 1000 S	0901026904*
	1,3	FSP 600 HVLP	628807000*
	1,5	FSP 600 HVLP	628808000*
	1,8	FSP 600 HVLP	628809000*
	2	FSP 600 HVLP	628810000*
	1,3	FSP 600 LVLP	628811000*
	1,5	FSP 600 LVLP	628812000*
	1,8	FSP 600 LVLP	628813000*
	2	FSP 600 LVLP	628814000*

		Order no.
	Spare plastic gravity feed cup suitable for: FSP 600 HVLP, FSP 600 LVLP	628815000*
	10 Spare filters FSP 600 HVLP / FSP 600 LVLP - Plastic paint sieve for flow bowl 6.28215 of the paint spray guns FSP 600 HVLP/ LVLP suitable for: FSP 600 HVLP, FSP 600 LVLP	628806000*

Accessories for chipping hammers

	Order no.
Stone chisel pointed Overall length: 173 mm; hexagonal shank bit SW 10	0901026521*
Stone chisel flat 20 mm wide; overall length: 175 mm; hexagonal shank bit SW 10	0901026530*
Stone chisel flat 50 mm wide; overall length: 180 mm; hexagonal shank bit SW 10	0901026548*
Stone chisel flat 40 mm wide; overall length: 250 mm Hexagonal shank bit SW 10	0901026572*
Spring for chipping hammer MHS 315 8 coils Suitable for MHS 315, DW 315	0901013047*
Spring for chipping hammer MHS 450 10 coils Suitable for MHS 450, MHS 5050	0901026327*
Needle scaler attachment Suitable for DMH 30 Set, DMH 290 Set, as well as all compressed air chipping hammers, universal	628822000

Accessories for large diameter saws

	Order no.
Saw blades 14 teeth (10 pieces)	0901063087*
Saw blades 24 teeth (10 pieces)	0901063095*
Saw blades 32 teeth (10 pieces)	0901063109*

Accessories for die grinders

	Order no.
Collet 8 mm for DG 700 / DG 700 L	628823000

Accessories for random orbital sander

	Order no.
Spare sanding pad for ES 7700 / DSX 150	1319706247

Accessories for sand blasting guns

	Order no.
Sand blasting abrasive ■ Grit 0.2 - 0.5 mm ■ Canister content 8 kg ■ Aluminium silicate glass melt	0901064423
Spare pipe for sand blasting gun	0901026408

General accessories for compressed air tools

	Order no.
Special oil 0.5 litres for compressed air tools Mineral	0901008540

* Self-service packaging

Multi-adapter

■ For connecting immersion pumps or domestic waterworks to discharge, suction or garden hoses

	Order no.
Multi-adapter, 1" 1" Male x 1" nozzle x 3/4" Female x 3/4" nozzle	0903018410*
Multi-adapter, 1 1/4" 1 1/4" Female x 1 1/2" nozzle x 1" Male x 1" nozzle Double nipple, 1 1/4" Male Thread	0903061677*
Multi-adapter, 1 1/2" 1 1/2" Male x 2" nozzle x 1 1/4" Male x 1 1/2" nozzle	0903061685*

Angle connections with multi-adapter

■ For connecting immersion pumps to quick-action couplings or discharge, suction or garden hoses

	Order no.
Angle connection with multi-adapter 1 1/4" Angle connection: 1 1/4" male thread / 1 1/4" male thread Multi-adapter: 1 1/4" female thread, 1 1/4" nozzle, 1 1/4" male thread, 1" nozzle	0903064846*
Angle connection with multi-adapter 1 1/2" Angle connection: 1 1/2" Male thread / 1 1/2" Male thread Multi-adapter: 1 1/2" female thread, 1 1/2" nozzle, 1 1/4" nozzle, 1" male thread	0903064854*

Angle connections

■ For connecting immersion pumps to quick-action couplings or discharge, suction or garden hoses

	Order no.
Angle connection, 1" 1" IG x 1" IG / 1 1/4" AG	0903019379*
Angle connection 1 1/4" 1 1/4" AG x 1 1/4" AG / 1" IG	0903053143*
Angle connection 1 1/2" stainless steel 1 1/2" IG / 1 1/2" AG	0903064838*
Angle connection, 2" stainless steel 2" IG / 2" AG	628802000*

*Self-service packaging

Storz coupling

- For the connection of dirty water submersible pumps to discharge hoses with C-Storz coupling

		Order no.
	Storz coupling, 1 1/2" C = 2" x 1 1/2" AG	0903061375*
	Storz coupling 1 1/2" with extension pipe 100 mm Consisting of: Storz coupling, C=2" x 1 1/2" female thread Pipe nipple, 1 1/2" Male Thread x 1 1/2" Male Thread - 100 mm Suitable for: DP 28-10 S Inox	628801000
	Storz coupling 1 1/2" with extension pipe 300 mm Consisting of: Storz coupling, C=2" x 1 1/2" female thread Pipe nipple, 1 1/2" Male Thread x 1 1/2" Male Thread - 300 mm Suitable for PS 17000 SN, PS 18000 SN	0903019352
	Storz coupling 2" C = 2" x 2" AG	628800000*

Discharge set with fittings

		Order no.
	Discharge set 7 m ■ For the connection of all immersion pumps 1",1 1/4" and 1 1/2" with multi-adapter ■ 1" Discharge hose, black, with incorporated rigid PVC coil, buckling-proof and non-abrasive ■ Also suitable for suction devices (e.g. air, dust, woodchips) Consisting of: 1" Spiral hose Screwed hose connection 1 1/4" x 25 mm in brass Industrial stainless steel threaded hose clamp 20 - 32 mm Internal Ø: 25 mm Wall thickness: 2.5 mm Length: 7 m Operating pressure: 1.5 bar Bursting pressure: 5 bar Temperature resistance: -5 - 60 °C	628821000
	Discharge set: 15 m ■ For connecting all immersion pumps with Storz couplings C=2" ■ 2" Construction/industrial hose, high strength polyester thread, round woven, rubber-lined interior, corrosion-free, ozone-, decomposition- and mould-resistant ■ Light alloy Storz couplings fixed in on both sides ■ Couplings fixed in with special steel wire Consisting of: 2" Industrial hose Storz couplings C=2" Cam distance: 66 mm Internal Ø: 52 mm Wall thickness: 2.4 mm Length: 15 m Operating pressure: 10 bar Burst pressure: 30 bar Temperature resistance: 0° to 60°	0903061294

* Self-service packaging

Suction hoses

- For connection to the suction side of all garden pumps and domestic waterworks/ automatic domestic water systems with 1" female thread
- Suitable for drawing from wells, cisterns, ponds or streams
- 1" suction hose, transparent, with incorporated rigid PVC coil, buckling-proof and non-abrasive
- Check valve prevents water from flowing back for fast suction and pumping after interruption
- Strainer with shackle to attach a floating ball

		Order no.
 NEW	**Suction hose set 4m** Consisting of: 1" Suction hose Hinge bolt clamp, galvanised steel Brass suction high pressure coupling, 1" nozzle Brass quick-action coupling, 1" male thread Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" female thread with strainer, special steel Internal Ø: 25 mm Wall thickness: 2.5 mm Bending radius: 110 mm Length: 4 m Operating pressure: 2.5 bar Bursting pressure: 7 bar Temperature resistance: -5 - 60 °C Water column (vacuum): 6 m	628797000
 NEW	**Suction hose set 7m** Consisting of: 1" Suction hose Hinge bolt clamp, galvanised steel Brass suction high pressure coupling, 1" nozzle Brass quick-action coupling, 1" male thread Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" female thread with strainer, special steel Internal Ø: 25 mm Wall thickness: 2.5 mm Bending radius: 110 mm Length: 7 m Operating pressure: 2.5 bar Bursting pressure: 7 bar Temperature resistance: -5 - 60 °C Water column (vacuum): 6 m	628798000

Floating intake

- Suitable for drawing from cisterns, ponds or streams
- Prevents the suction of dirt particles
- Water intake in the cleanest area, just below the water surface

		Order no.
	Floating ball For connection to standard and professional suction hose sets Floating ball PE / 2 eyelets, Ø 150 mm Special steel ring, VA	0903061367
	Floating intake For connection to 1" spiral suction hoses Consisting of: Floating ball PE / 2 eyelets, Ø 150 mm Special steel ring, VA Hose clamp, steel galvanised Brass hose nozzle/O-ring, 1" male thread Brass check valve, 1" with strainer, special steel	0903061359

Accessories for water and pump technology

Pump assembly set

Pump assembly set MSS suction connector

- All in one package with illustrated assembly instructions
- Filter to protect the pump and sprinkling systems from damage caused by sand and dirt particles, 28 bar burst pressure
- Return valve: prevents the water flowing back into wells or cisterns
- Ball valve (closed): prevents the water flowing back into wells or into the suction area during maintenance jobs, e.g. filter cleaning or pump disassembly
- Quick-action coupling as connection option for suction hose sets
- Seal strip: seals without hemp or sealing paste

		Order no.
	Pump assembly set MSS 310 – HWA/ P ■ For mounting to the suction connector of all garden pumps and domestic water / automatic domestic water systems with 1" female thread ■ Garden pumps and domestic water works automatic domestic water systems require a short filter due to their lower construction height Manufactured length approx. 310 mm Consisting of: Filter for garden pumps, short, 1" brass female thread Washable filter insert, 80 my Brass double nipple, 1" Male Thread x 1" Male Thread Brass check valve, 1" female thread x 1" female thread Nickel-plated brass ball valve, 1" female thread x 1" female thread Brass quick-action coupling, 1" male thread Fabric sealing tape, 12 m roll Filter key for loosening the filter dome	0903061260
	Pump assembly set MSS 380 – HWW ■ For mounting to the suction connector of all domestic water works with 1" female thread Manufactured length approx. 380 mm Consisting of: Filter for domestic waterworks, long, 1" brass female thread Washable filter insert, 80 my Brass double nipple, 1" Male Thread x 1" Male Thread Brass check valve, 1" female thread x 1" female thread Nickel-plated brass ball valve, 1" female thread x 1" female thread Brass quick-action coupling, 1" male thread Zinc-plated pipe nipple, 1" Male Thread x 1" Male Thread x 100 mm Fabric sealing tape, 12 m roll Filter key for loosening the filter dome	0903061278

Pump assembly set MSD discharge port

- All in one package with illustrated assembly instructions
- Ball drain cock with nozzle: connection option for a 3/4" garden hose
- Tap connector: alternative connection option of a system quick-action coupling
- Seal strip: seals without hemp or sealing paste

		Order no.
	Pump assembly set MSD 200 – HWW/P ■ For mounting on the discharge port of all garden pumps and domestic water works with 1" female thread ■ With protective cap for the easy filling of the pump body with water (e.g. watering can) Manufactured length approx. 200 mm Consisting of: Zinc-plated pipe nipple, 1" Male Thread x 1" Male Thread x 100 mm Zinc-plated T-piece, 1" female thread x 3/4 female thread x 1" female thread Brass, nickel-plated ball drain cock, 3/4" female thread x 1" male thread x 3/4" nozzle Cock connector, 1" female thread Brass quick-action coupling, 1" male thread Quick-action coupling, brass protective cap Fabric sealing tape, 12 m roll	0903061251
	Pump assembly set MSD 1000 – HWA ■ For mounting to the discharge port of all domestic waterworks with 1" Male Thread ■ Wall mounting prevents leverage force from the water tap to the automatic domestic system Pressure hose for flexible connection, 8 bar operating pressure, 24 bar burst pressure Manufactured length approx. 1,000 mm Consisting of: Pressure hose, 1 m x 3/4" Steel galvanised chuck jaw clamps, 23-25 mm Brass angle hose connector 1" female thread x 3/4" nozzle Hose nozzle with brass O-ring 3/4" Male Thread x 3/4" nozzle Brass wall disc 3/4" female thread x 3/4" female thread Brass, nickel-plated ball drain cock, 3/4" female thread x 1" male thread x 3/4" nozzle Cock connector, 1" female thread Fabric sealing tape, 12 m roll	0903061243

Check valves

- For connecting to the suction pipe of all garden pumps and domestic waterworks /automatic domestic water systems
- Ensures smooth operation and short restart times in case of repeated starts
- Prevents the pump from running dry when switched off

		Order no.
	Brass check valve 1" Connecting thread: 1" male thread x 1" female thread	628803000*
	Brass check valve, 1 1/4" Connecting thread: 1 1/4" male thread / x 1 1/4" female thread	628805000*

* Self-service packaging

Filters for garden pumps and domestic waterworks/automatic domestic water systems

- For connecting to the suction pipe of all garden pumps and domestic waterworks /automatic domestic water systems
- Garden pumps and domestic water works automatic domestic water systems require a short filter due to their lower construction height
- The filter protects the pump and sprinkling systems from damage by sand and dirt particles
- Housing and lid made from impact-resistant polypropylene
- Connections with brass female thread
- Temperature resistant from 0 to 60°C

		Order no.
	Filter 1" short Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903016450
	Filter 1" short, with washable filter insert ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903050314
	Filter 1 1/4" short, with washable filter insert ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 190 mm Diameter: 120 mm Water throughput: 6,200 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	628816000
	Filter 1" long Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903009250
	Filter 1" long, with washable filter insert ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903050306
	Filter 1 1/4" long, with washable filter insert ■ Delivery includes washable filter insert with nylon fabric 80 my, protects against ultra-fine sand and solid matter Height: 310 mm Diameter: 120 mm Water throughput: 6,400 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	628817000
	Filter 1 1/2" long Height: 310 mm Diameter: 120 mm Water throughput: 13,800 l/hour Burst pressure: 28 bar Operating pressure: 8 bar	0903014253

Filter inserts

One-way filter insert

- Insert with twisted thread, 20 my
- Protects pump and sprinkling systems against damage by very fine sand and solid matter

	Connecting thread	Version	Order no.
	1"	Short	0903028432*
	1"	Long	0903028351*

Washable filter insert

- Washable insert with nylon fabric, 80 my
- Protects pump and sprinkling systems against damage by sand and solid matter

	Connecting thread	Version	Order no.
	1"	Short	0903028440*
	1 1/4"	Short	628818000*
	1"	Long	0903028360*
	1 1/4" + 1 1/2"	Long	0903028416*
	1"	Long	628804000*

Filter accessories

		Order no.
	Filter key ■ For the loosening of the filter dome Internal Ø, 120 mm	0903058005*
	Filter sealing set Suitable for 1" and 1 1/2" filters Consisting of: 1x Filter dome O-ring, Ø 88 x 3.5 mm 1x Filter insert flat seal, Ø 52 x 40 x 4 mm 2x Filter insert flat seal, Ø 52 x 27 x 4 mm	0903061316*

* Self-service packaging

Dry-run protection

		Order no.
	HM 3 - Electronic pressure switch with dry-run protection ■ Automatic control: switch on the pump for water discharge and switch off upon reaching the maximum pressure ■ Dry-run protection: automatic deactivation of the motor when nothing is left to pump (leaky suction pipe, the water supply dries out) ■ LED display to check the operating condition ■ Membrane and spring to eliminate the impact of pressure surges ■ Safety valve to prevent water leaking if the diaphragm is damaged ■ Quick and easy assembly ■ Ideal for converting a garden pump into an automatic domestic water system ■ Also suitable for deep well pumps and submersible pressure pumps Switch-on pressure approx. 1.5 bar Voltage: 115 V/ 230 V Frequency: 50 / 60 Hz Protection type: IP 65 Maximum amperage: 16(8) A-1.5 kW Maximum operating pressure 10 bar Maximum operating temperature 0° to 60° C Connection: Discharge port, 1" male thread Device connection, 1" male thread Brass adapter 1" female thread x 1" male thread	628799000
	Dry-run protection stop switch ■ Dry-run protection for domestic waterworks, automatic domestic water systems, garden pumps, submersible pumps and submersible pressure pumps ■ Float switch with 10 metre cable length ■ When drawing from cisterns, ponds or streams, the float switch switches the pumps on and off automatically depending on the water level ■ Plug/socket combination	0903028521

Armoured hose

		Order no.
	Armoured hose ■ For connection to the suction/discharge side of all domestic waterworks /automatic domestic water systems with 1" male thread/female thread on permanently mounted pipes ■ Absorbs running noises and guarantees high safety by means of double deep injection on the connection fittings ■ Special steel jacket 1", interior latex core ■ Rust-free fittings Consisting of: Armoured hose, 1" male thread x 1" female thread Gasket Ø 30 x 23 x 3 mm Internal Ø: 25 mm Wall thickness: 4 mm Length 500 mm Operating pressure: 6 bar Bursting pressure: 18 bar Temperature resistance: 0° to 65°	0903061340*

*Self-service packaging

Garden showers

- Multi-functional for cleaning and irrigation
- Sturdy metal version with disc handle and locking device
- Brass connection - compatible with all commercial plug-in systems
- Infinitely adjustable water volume via a separate rotating knob
- Water jet can be adjusted from a hard full jet to fine atomised spray
- Soft plastic ring on sprinkler head for protection against damage
- Hand valve with locking device

		Order no.
	Shower spray SB 2 ■ Water jet infinitely adjustable from full hard jet to fine spray	0903063122*
	Garden shower GB 7 ■ 7 Water jet shapes from full spray to fine atomised spray	0903060778*
	Spray lance GS 10 ■ 10 Water jet formats ranging from full spray to fine atomised spray ■ Long reach, e.g. saves you having to step over beds ■ Ideal for watering hanging flower arrangements Length: 920 mm	0903063130*

Garden sprinklers

		Order no.
	Surface sprinkler FR 9 ■ Sturdy metal version for mobile and stationary use ■ Removable dirt filter to protect the sprinkler from damage by sand and dirt particles ■ Brass coupling plug, compatible with all commercial plug-in systems ■ Multi-functional for watering surfaces or small front gardens ■ 9 Sprinkler areas, from circle to rectangle to atomised spray ■ Desired sprinkler area adjustable by turning the sprinkler disc Sprinkler surfaces: Circle Ø = maximum 10 m / 80 m² Semi-circle r = maximum 8 m / 100 m² Square maximum 8 x 8 m / 64 m² Rectangle maximum 16 x 2 m / 32 m² Connection: Brass cap nut, 3/4" female thread Brass coupling plug 3/4" male thread	0903063149

Sealing tape for threads

		Order no.
	Sealing tape for threads ■ Seals without hemp or sealing paste ■ For metal and plastic threaded joints Length on roll: 12 m Width: 12 mm Thickness: 0.1 mm	0901026319*

Bit boxes

- Different high-quality bit sets in a robust box with transparent cover for good overview
- Easy removal
- Bits in S2 quality steel with colour coding for quick finding

Sample sales display

Cordless bit box, 32 pieces			Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm (30 piece): PH1, PH2x2, PH3 PZ1, PZ2x2, PZ3 SL3, SL4, SL5, SL6 H3, H4, H5, H6 T10, T15, T20, T25, T27, T30, T40 T10, T15, T20, T25, T27, T30, T40	1 x adapter 1 x magnetic quick-change bit holder 65 mm	1 piece / 12 pieces	626696000

Bit box, 9 pieces			Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (8 pieces): PH1, PH2 PZ1, PZ2 SL5,5 H4 T20, T25 1 x magnetic bit holder		1 piece / 21 pieces	630419000

Bit box, 15 pieces			Sales unit / sales display	Order no.
NEW	S 2 bits L= 25 mm (14 pieces): PH1, PH2 PZ1, PZ2 SL4, SL6 H3, H4, H5 T10, T15, T20, T25, T30 1 x magnetic quick-change bit holder		1 piece / 24 pieces	626703000

Bit and ratchet box, 26 pieces			Sales unit / sales display	Order no.
NEW	S 2-bits L= 25 mm (18 pieces): PH1, PH2, PH3 PZ1, PZ2, PZ3 SL4, SL5,5, SL6,5 H3, H4, H5, H6 T10, T15, T20, T25, T30	Socket wrench (6 pcs): 1/4", 6 mm, 7 mm, 8 mm, 10 mm, 13 mm 1 x extension 1 x ratchet	1 piece / 12 pieces	626701000

Bit box, 29 pieces			Sales unit / sales display	Order no.
NEW	S 2-bits L= 25 mm (21 pieces): PH1x1, PH2x2, PH3x1 PZ1x1, PZ2x2, PZ3x1 SL3x1, SL5x1 H3x1, H4x1, H5x1, H6x1 T10x1, T15x1, T20x2, T25x1, T30x1, T40x1	L = 50 mm (6 pieces): PH2x1 PZ2x1 T20x1, T25x1 SL4,5x1 H4x1 1 x adapter 1 x magnetic quick-change bit holder	1 piece / 12 pieces	626710000

Bit box, 29 pieces + mini flashlight			Sales unit / sales display	Order no.
NEW	S 2-bits L= 25 mm (21 pieces): PH1x1, PH2x2, PH3x1 PZ1x1, PZ2x2, PZ3x1 SL3x1, SL5x1 H3x1, H4x1, H5x1, H6x1 T10x1, T15x1, T20x2, T25x1, T30x1, T40x1	L = 50 mm (6 pieces): PH2x1 PZ2x1 T20x1, T25x1 SL4,5x1 H4x1 1 x adapter 1 x magnetic quick-change bit holder 1 x Mini flash light	1 piece / 12 pieces	626721000

Bit box, 32 pieces			Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm (30 piece): PH1, PH2x2, PH3 PZ1, PZ2x2, PZ3 SL3, SL4, SL5, SL6 H3, H4, H5, H6 T10, T15, T20, T25, T27, T30, T40 T10, T15, T20, T25, T27, T30, T40	1 x adapter 1 x magnetic quick-change bit holder 65 mm	1 piece / 12 pieces	626700000

Bit box, 32 pieces, Torx			Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm T10x3, T15x 3, T20x 6, T25x 6, T27x 3, T30x 6, T40x 4 1 x Magnetic bit holder 65 mm		1 piece / 12 pieces	626709000

Bit box, 56 pieces			Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm (48 pieces): PH1, PH2x3, PH3x3 PZ1, PZ2x3, PZ3x3 SL4x2, SL5x2, SL6x2 H3, H4, H5 T10x2, T15x2, T20x2, T25x2 T27x2, T30x2, T40x2, T10, T15, T20, T25, T27, T30, T40	L = 70 mm (7 pieces): PH2, PH3 PZ1, PZ2 SL6 T20, T25 1 x magnetic quick-change bit holder	1 piece / 12 pieces	626702000

Bit box, 71 pieces			Sales unit / sales display	Order no.
NEW	S2-Bits, L = 25 mm (60 pieces): PH1x3, PH2x6, PH3x3 PZ1x3, PZ2x6, PZ3x3 SL4x3, SL6x3 H4x3, H5x3, H6x3 T10x3, T15x3, T20x3, T25x3 T27x3, T30x3, T40x3	L = 70 mm (9 pieces): PH1, PH2, PH3 PZ1, PZ2 SL4, SL6 T20, T25 1 x magnetic quick-change bit holder 1 x magnetic bit holder	1 piece / 6 pieces	626704000

Bit box PZ2, 25 pieces			Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (25 pieces): PZ2		1 piece / 12 pieces	626711000

Accessory sets

Bit box PH2, 25 pieces		Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm (25 pieces) PH2	1 piece / 12 pieces	626715000

Bit box T20, 25 pieces		Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (25 pieces): T20	1 piece / 12 pieces	626712000

Bit box T25, 25 pieces		Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (25 pieces): T25	1 piece / 12 pieces	626713000

Bit box T30, 25 pieces		Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm (25 pieces): T30	1 piece / 12 pieces	626716000

Bit box T40, 25 pieces		Sales unit / sales display	Order no.
NEW	S2 bits, L = 25 mm (25 pieces): T40	1 piece / 12 pieces	626717000

Bit roll-up case

- Bits in S2 quality steel
- Bits with colour coding for fast finding
- Robust textile bag
- Ergonomic screwdriver handle

Sample sales display

Bit roll-up case, 7 pieces			Sales unit / sales display	Order no.
	S2 bits, L = 89 mm (6 pieces): PH2 PZ1, PZ2 SL5,5 T20, T25	1 x Screwdriver handle	1 piece / 12 pieces	626723000

Bit roll-up case, 30 pieces			Sales unit / sales display	Order no.
	S2 bits, L = 25 mm (16 pieces): PH1, PH2x2, PH3 PZ1, PZ2x2, PZ3 SL3, SL5,5 T15, T20 x 2, T25 x 2, T30 L = 50 mm (7 pieces): PH2 PZ1, PZ2 SL3 T20, T25 H4	L = 89 mm (6 pieces): PH2 PZ1, PZ2 SL5,5 T20, T25 1 x Screwdriver handle	1 piece / 12 pieces	626726000

Masonry drill bit box

- Carbide masonry drill bit for drills and impact drills, milled version
- Suitable for drilling in bricks, masonry, natural stone etc.
- Robust box with transparent cover

Masonry drill bit box, 8 pieces		Sales unit / sales display	Order no.
NEW	Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 5,5 mm, Ø 6 mm, Ø 7 mm, Ø 8 mm, Ø 10 mm	1 piece / 12 pieces	626706000

Wood drill bit box

- Wood spiral drill bit made of high-grade chrome vanadium steel, hardened
- With centering point for use in hard and soft wood, plywood, chipboards, etc.
- Robust box with transparent cover

Wood drill bit box, 8 pieces		Sales unit / sales display	Order no.
NEW	Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 5,5 mm, Ø 6 mm, Ø 7 mm, Ø 8 mm, Ø 10 mm	1 piece / 12 pieces	626705000

Accessory sets

- Different high-quality accessory sets in a robust box with transparent cover for good overview
- Easy removal
- Bits in S2 quality steel with colour coding for quick finding

Sample sales display

Accessory set, 35 pieces			Sales unit / sales display	Order no.
NEW	HSS-G metal drill bits (6 pieces): Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm Wood drill bits (6 pieces): Ø 3 mm, Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm	S2 bits, L = 25 mm (16 pieces): PH1, PH2x2, PH3 PZ1, PZ2x2, PZ3 SL3, SL5,5 T15, T20 x 2, T25 x 2, T30 L = 89 mm (6 pieces): PH2 PZ1, PZ2 SL5,5 T20, T25 1 x magnetic bit holder	1 piece / 6 pieces	626725000

Accessory set, 55 pieces			Sales unit / sales display	Order no.
NEW	HSS-TiN metal drill bits (14 pieces): Ø 1,5 mm x 2; Ø 2 mm x 2; Ø 2,5 mm; Ø 3 mm x 2; Ø 3,5 mm; Ø 4 mm; Ø 4,5 mm; Ø 5 mm; Ø 5,5 mm; Ø 6 mm; Ø 6,5 mm Carbide masonry drill bit (7 pieces): Ø 4 mm; Ø 5 mm; Ø 6 mm x 2; Ø 7 mm; Ø 8 mm; Ø 10 mm CV wood drill bit (5 pieces): Ø 4 mm, Ø 5 mm,Ø 6 mm, Ø 8 mm, Ø 10 mm Flat wood drill bit (2 pieces): Ø 16 mm; Ø 22 mm	S 2-bits L= 25 mm (18 pieces): PH1, PH2 x 2, PH3 PZ1, PZ2 x 2, PZ3 SL4, SL6, SL7 H3, H4, H5, H6 T15, T20, T25 Socket wrench (4 pieces): 7 mm, 8 mm, 9 mm, 10 mm 1 x template 1 x wallpaper trimming knife 1 x magnetic bit holder 1 x countersink 1 x socket spanner adapter	1 piece / 6 pieces	626707000

Accessory set, 86 pieces			Sales unit / sales display	Order no.
NEW	HSS-TiN metal drill bit (14 pieces): Ø 1,5 mm x 2; Ø 2 mm x 2; Ø 2,5 mm; Ø 3 mm x 2; Ø 3,5 mm; Ø 4 mm; Ø 4,5 mm; Ø 5 mm; Ø 5,5 mm; Ø 6 mm; Ø 6,5 mm Carbide masonry drill bit (7 pieces): Ø 4 mm; Ø 5 mm; Ø 6 mm x 2; Ø 7 mm; Ø 8 mm; Ø 10 mm CV wood drill bit (5 pieces): Ø 4 mm, Ø 5 mm, Ø 6 mm, Ø 8 mm, Ø 10 mm Flat wood drill bit (4 pieces): Ø 12 mm, Ø 16 mm, Ø 19 mm, Ø 25 mm	S2-Bits, L = 25 mm (32 pieces): PH0, PH1 x 2, PH2 x 2, PH3 x 2 PZ0, PZ1 x 2, PZ2 x 2, PZ3 x 2 SL3, SL4 x 2, SL6 x 2, SL7 H3, H4, H5 x 2, H6 T10, T15 x 2, T20 x 2, T25, T30 L = 50 mm (13 pieces): PH1, PH2x2, PH3 PZ1, PZ2x2, PZ3 T15, T20x2, T25, T30 Socket wrenches (8 pieces) 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm 1 x countersink (wood) 1 x magnetic bit holder 1 x Ø ruler	1 piece / 6 pieces	626708000

Drill bit assortment

- Metal drill bit HSS-G, suitable for drilling in steel and cast steel, alloyed and non-alloyed, NF metals etc.
- Wood spiral drill bit made of high-grade chrome vanadium steel, hardened for use in hard and soft wood, plywood, chipboards, etc.
- Carbide masonry drill bit for drills and impact drills, milled version for drilling bricks, masonry, etc.

Sample sales display

Drill bit assortment, 13 pieces			Sales unit / sales display	Order no.
NEW	Metal drill bit HSS-G (5 pieces): 1 x Ø 4 x 62 mm, 2 x Ø 5 x 75 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm Wood drill bit (4 pieces): 1 x Ø 4 x 74 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm	Masonry drill bit (4 pieces): 1 x Ø 4 x 75 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 100 mm, 1 x Ø 8 x 120 mm	1 piece / 12 pieces	626728000

Drill bit assortment roll-up case, 20 pieces			Sales unit / sales display	Order no.
	Metal drill bit HSS-G (8 pieces): 2 x Ø 3 x 62 mm, 2 x Ø 4 x 62 mm, 1 x Ø 5 x 75 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm, 1 x Ø 10 x 135 mm Wood drill bits (6 pieces): 1 x Ø 3 x 62 mm, 1 x Ø 4 x 74 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 92 mm, 1 x Ø 8 x 117 mm, 1 x Ø 10 x 133 mm	Masonry drill bit (6 pieces): 1 x Ø 3 x 60 mm, 1 x Ø 4 x 75 mm, 1 x Ø 5 x 85 mm, 1 x Ø 6 x 100 mm, 1 x Ø 8 x 120 mm, 1 x Ø 10 x 120 mm	1 piece / 9 pieces	626729000

SDS-plus drill/chisel bits

- For general chiselling and demolition work of masonry, concrete and loose stones.
- SDS-plus drill bit with high-quality carbide drill tip
- Good drilling output with good tool life
- For use in concrete, masonry, and natural stone

Sample sales display

SDS-plus chisel set, 2 pieces		Sales unit / sales display	Order no.
	1 x pointed chisel, L = 200 mm 1 x flat chisel 20 x 200 mm	1 piece / 6 pieces	630486000

SDS-plus drill bit / chisel set , "SP", 17 pieces		Sales unit	Order no.
NEW	Ø 5, 6, 8, 10 L = 110 mm Ø 6, 8, 10, 12 L = 160 mm Ø 8, 10 L = 210mm Ø 12, 14 L = 260mm Pointed chisel, L = 140 mm, L = 250 mm Flat chisel 20x140mm, 20x250mm Scaling chisel 40x250mm	1 piece	628414000

SDS-plus storage case, 4 pieces		Sales unit / sales display	Order no.
	Ø 5, 6, 8, 10 mm Length: 160 cm	1 piece / 10 pieces	625580000

SDS-plus classic drill bit/ chiselling bit set, 10 pieces		Sales unit / sales display	Order no.
	Ø 5, 5.5, 6, 7, 8 = 160 mm Ø 10, 12, 14 = 210 mm Length: 160mm, 210 mm Pointed chisel, L = 250 mm Flat chisel, Ø 20 x 250 mm	1 piece / 10 pieces	630824000

SDS-max drill/chisel bits

- For general chiselling and demolition work of masonry, concrete and loose stones.
- SDS-max drill bit with high-quality carbide drill tip
- Good drilling output with good tool life
- For use in concrete, masonry, and natural stone

Sample sales display

SDS-max chisel set, 2 pieces		Sales unit / sales display	Order no.
	1 x pointed chisel, L = 360 mm 1 x flat chisel 25 x 360 mm	1 piece / 6 pieces	623309000

SDS-max drill bit / chisel set, 7 pieces		Sales unit	Order no.
NEW 	Ø 16, 20, 22, 25 L = 540 mm Pointed chisel L = 400m Flat chisel 25 x 400mm 2x	1 piece	623106000

HSS drill bit storage case

- Metal drill bit, HSS
- Suitable for bores in steel, NF metals, cast steel
- Drill bit set in high-quality metal or plastic cassette

Sample sales display

HSS-R drill bit storage case	Diameter x bore	Version	Sales unit / sales display	Order no.
	1-10 x 0,5 mm	19 pieces	1 piece / 6 pieces	627151000
	1-13 x 0,5 mm	25 pieces	1 piece / 4 pieces	627152000
	1-10 x 0,5 mm	19 pieces NEW	1 piece / 6 pieces	627666000
	1-13 x 0,5 mm	25 pieces NEW	1 piece / 4 pieces	627667000

HSS-G drill bit storage case	Diameter x bore	Version	Sales unit / sales display	Order no.
	1-10 x 0,5 mm	19 pieces	1 piece / 6 pieces	627153000
	1-13 x 0,5 mm	25 pieces	1 piece / 4 pieces	627154000
	1-10 x 0,5 mm	19 pieces NEW	1 piece / 6 pieces	627668000
	1-13 x 0,5 mm	25 pieces NEW	1 piece / 4 pieces	627669000

HSS-TiN drill bit storage case	Diameter x bore	Version	Sales unit / sales display	Order no.
	1-10 x 0,5 mm	19 pieces	1 piece / 6 pieces	627156000
	1-10 x 0,5 mm	19 pieces NEW	1 piece / 6 pieces	627670000

HSS-CO drill bit storage case	Diameter x bore	Version	Sales unit / sales display	Order no.
	1-10 x 0,5 mm	19 pieces	1 piece / 6 pieces	627157000
	1-10 x 0,5 mm	19 pieces NEW	1 piece / 6 pieces	627671000
	1-13 x 0,5 mm	25 pieces NEW	1 piece / 4 pieces	627672000

Geared chuck with SDS-plus adapter

- For use on rotary hammers with SDS plus holder
- For clamping of straight shank drills, tools with straight shaft

Sample sales display

Geared chuck with SDS-plus adapter		Sales unit / sales display	Order no.
	1.5 - 13 mm 1/2 " - 20 UNF SDS-plus adapter with 1/2" - 20 UNF male thread Chuck keys	1 piece / 6 pieces	626724000

Cutting discs Inox

- Universal disc for processing steels/stainless steels
- Good cutting performance with good tool life.
- Low material consumption, power-saving, low machine load.
- Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)

Sample sales display

Cutting discs Inox, TF 41, in tin	Quality class	Diameter x thickness x bore	Version	Maximum speed	Sales unit / sales display	Order no.
	A 60 R	115 x 1 x 22,23 mm	Straight	13.200 /min	1 / 10 pieces	616358000
	A 60 R	125 x 1 x 22,23 mm	Straight	13.200 /min	1 / 10 pieces	616359000

Diamond cutting discs »SP« / SP-U

- Universal diamond cutting disc with segmented edge for aggressive, fast cutting with high cutting performance and good tool life
- Well suited for all construction/building materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles.
- Segment height 10 mm
- Delivery in counter display when ordering 10 pieces (except for blister packaging)

Sample sales display

NEW

Diameter x bore	Segment height	Maximum speed	Sales unit / sales display	Packaging	Order no.
115 x 22,23 mm	10 mm	13.300 /min	1 piece / 10 pieces	Blister	624295000
115 x 22,23 mm	10 mm	12.200 /min	1 piece / 10 pieces	Blister	624296000
230 x 22,23 mm	10 mm	6.600 /min	1 piece / 10 pieces	Blister	624298000
115 x 22,23 mm	10 mm	13.300 /min	1 piece / 10 pieces	Cardboard box	624306000
125 x 22,23 mm	10 mm	12.200 /min	1 piece / 10 pieces	Cardboard box	624307000
150 x 22,23 mm	10 mm	10.200 /min	1 piece / 10 pieces	Cardboard box	624308000
180 x 22,23 mm	10 mm	8.500 /min	1 piece / 10 pieces	Cardboard box	624309000
230 x 22,23 mm	10 mm	6.600 /min	1 piece / 10 pieces	Cardboard box	624310000

Diamond cutting discs »SP« / SP-UT

- Universal diamond cutting disc with closed edge for comfortable cutting with high cutting performance and good tool life
- Well suited for all construction/building materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles.
- Clean cutting edges without material chipping
- Segment height 10 mm

Sample sales display

NEW

Diameter x bore	Segment height	Maximum speed	Sales unit / sales display	Order no.
115 x 22,23 mm	10 mm	13.300 /min	1 piece / 10 pieces	628551000
125 x 22,23 mm	10 mm	12.200 /min	1 piece / 10 pieces	628552000
180 x 22,23 mm	10 mm	8.500 /min	1 piece / 10 pieces	628553000
230 x 22,23 mm	10 mm	6.600 /min	1 piece / 10 pieces	628554000

Diamond cutting discs »SP« / SP-T

- Standard diamond cutting disc with closed edge for cutting without chipped edges on workpieces with high-quality surfaces such as tiles, natural stone slabs
- High cutting output and good tool life
- Segment height 7 mm

Sample sales display

NEW

Diameter x bore	Segment height	Maximum speed	Sales unit / sales display	Order no.
115 x 22,23 mm	7 mm	13.300 /min	1 piece / 10 pieces	628555000
125 x 22,23 mm	7 mm	12.200 /min	1 piece / 10 pieces	628556000
230 x 22,23 mm	7 mm	6.600 /min	1 piece / 10 pieces	628557000

Flap disc »ZK«

- Quality class zirconia alumina
- Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel
- Most suitable for processing stainless steels
- Uniformly high grinding capacity and uniform grinding finish

Sample sales display

Diameter x bore	Grit	Version	Maximum speed	Sales unit / sales display	Order no.
115 x 22,23 mm	P 40	⌒	13.300 /min	1 piece / 10 pieces	623144000
115 x 22,23 mm	P 60	⌒	13.300 /min	1 piece / 10 pieces	623145000
115 x 22,23 mm	P 80	⌒	13.300 /min	1 piece / 10 pieces	623146000
115 x 22,23 mm	P 120	⌒	13.300 /min	1 piece / 10 pieces	623153000
125 x 22,23 mm	P 40	⌒	12.200 /min	1 piece / 10 pieces	623147000
125 x 22,23 mm	P 60	⌒	12.200 /min	1 piece / 10 pieces	623148000
125 x 22,23 mm	P 80	⌒	12.200 /min	1 piece / 10 pieces	623149000
125 x 22,23 mm	P 120	⌒	12.200 /min	1 piece / 10 pieces	623154000
178 x 22,23 mm	P 40	⌒	8.500 /min	1 piece / 10 pieces	623150000
178 x 22,23 mm	P 60	⌒	8.500 /min	1 piece / 10 pieces	623151000
178 x 22,23 mm	P 80	⌒	8.500 /min	1 piece / 10 pieces	623152000

Jigsaw blade assortment

- For wood, metal and plastics
- HCS saw blades/HSS saw blades

Sample sales display

Jigsaw blade assortment "SP", 10 pieces	Contents	Sales unit / sales display	Order no.
	1x 623646000 basic wood 51/ 2.0 mm, HCS, corresponds to T 119 BO 1x 623634000 clean wood 74/ 2.5 mm, HCS, corresponds to T 101 B 2x 623631000 basic wood 51/ 2.0 mm, HCS, corresponds to T 119 B 2x 623633000 fast wood 74/ 4.0 mm, HCS, corresponds to T 144 D 1x 623632000 basic wood 74/ 3.0 mm, HCS, corresponds to T 111 C 1x 623639000 expert aluminium 74/ 3.0 mm, HSS, corresponds toT 127 D 1x 623638000 basic metal 51/ 2.0 mm, HSS, corresponds to T 118 B 1x 623637000 basic metal 51/ 1.2 mm, HSS, corresponds to T118 A	1 piece / 10 pieces	**623599000**

Router bit assortment

- Carbide cutting edges guarantee a long service life
- Different router bit geometries permit cutting a variety of profiles in different materials

Sample sales display

Router assortment, 6 pieces			Sales unit / sales display	Order no.
	Straight bit (2 pieces): Ø 8 mm; Ø 12 mm Core box bit (1 piece): Ø 12.7 mm, R 6.3 mm Rounding-over bit with ball bearing (1 piece): Ø 21.8 mm, R 6.3 mm	Multi-radius ogee bit with ball bearing (1 piece): Ø 25 mm, R 4.5 mm V straight bit (1 piece): Ø 12.7 mm, 14°	1 piece / 6 pieces	**631040000**

Router assortment, 15 pieces			Sales unit / sales display	Order no.
	Straight bits (4 pieces): Ø 6 mm; Ø 10 mm; Ø 12 mm; Ø 16 mm Core box bits (3 pieces): Ø 12.7 mm, R 6.3 mm; Ø 9.5 mm, R 4.8 mm; Ø 21.8 mm, R 6.3 mm Chamfer/bevelling tool (1 piece): Ø 31.5 mm, 45° V-straight bit (1 piece): Ø 12.7 mm, 90°	Rounding-over bits (2 pieces): Ø 28.1 mm, R 9.5 mm; Ø 21.8 mm, R 6.3 mm Bevelling tool (1 piece): Ø 12.7 mm Dovetailing bit (1 piece): Ø 12.7 mm, 14° Multi-radius ogee bit (1 piece): Ø 25 mm, R 4.5 mm Rebating bit (1 piece): Ø 22.2 mm	1 piece / 6 pieces	**631039000**

Accessory modules: Well thought out in detail.

The high quality of the Metabo accessory program, plus an optimal presentation warrant a successful and lucrative accessory business.

- Attractive sales modules for high-turnover product areas, e.g. drills, hole saws, jigsaw blades
- Lockable sales cabinets for drills
- Clear product information with colour system on the head bands
- Behind the hinged head band, clear article designation with EAN Code, Order No., dimensions and price range. Thus quick identification of product and reordering without problem.
- Flexible hook system and safe fit of the products
- Presentation option on any wall, in the Metabo accessory presentation system or counter display
- Always within the visual focus of the customer
- Self service vendor system

Drill bit modules, module size 49 x 60 x 36 cm

Metal drill bit, HSS-G
Standard components 144 pieces
Order no. 690073000

Ø x GL mm	Units	Order no.
1,0 x 34	5	627950000
1,5 x 40	5	627951000
2,0 x 49	5	627952000
2,5 x 57	5	627953000
3,0 x 61	10	627954000
3,2 x 65	5	627955000
3,5 x 70	5	627957000
4,0 x 75	10	627958000
4,2 x 75	5	627960000
4,5 x 80	5	627961000
4,8 x 86	5	627962000
5,0 x 86	10	627963000
5,5 x 93	5	627966000
6,0 x 93	10	627967000
6,5 x 101	5	627968000
6,8 x 109	3	627969000
7,0 x 109	5	627970000
7,5 x 109	3	627971000
8,0 x 117	10	627973000
8,5 x 117	5	627975000
9,0 x 125	3	627976000
9,5 x 125	3	627977000
10,0 x 133	5	627978000
10,5 x 133	2	627980000
11,0 x 142	2	627981000
11,5 x 142	2	627982000
12,0 x 151	2	627983000
12,5 x 151	2	627984000
13,0 x 151	2	627985000

Metal drill bits, HSS-Co
Standard components 168 pieces
Order no. 690074000

Ø x GL mm	Units	Order no.
1,0 x 34	10	627430000
1,5 x 40	5	627431000
2,0 x 49	10	627432000
2,5 x 57	5	627433000
3,0 x 61	10	627435000
3,2 x 65	10	627436000
3,3 x 65	10	627437000
3,5 x 70	5	627438000
4,0 x 75	10	627439000
4,2 x 75	5	627441000
4,5 x 80	5	627442000
4,8 x 86	5	627443000
5,0 x 86	10	627444000
5,5 x 93	5	627447000
6,0 x 93	10	627448000
6,5 x 101	5	627449000
7,0 x 109	5	627451000
7,5 x 109	3	627452000
8,0 x 117	10	627454000
8,5 x 117	5	627456000
9,0 x 125	3	627457000
9,5 x 125	3	627458000
10,0 x 133	5	627459000
10,2 x 133	2	627460000
10,5 x 133	2	627461000
11,0 x 142	2	627462000
11,5 x 142	2	627463000
12,0 x 151	2	627464000
12,5 x 151	2	627465000
13,0 x 151	2	627466000

Concrete drill bit »pro«
Standard components 93 pieces
Order no. 690083000

Ø x GL mm	Units	Order no.
4,0 x 75	5	627224000
5,0 x 85	10	627225000
5,5 x 85	3	627226000
6,0 x 100	10	627227000
6,5 x 100	3	627228000
7,0 x 100	5	627229000
8,0 x 120	10	627230000
9,0 x 120	3	627389000
10,0 x 120	10	627391000
11,0 x 150	2	627392000
12,0 x 150	3	627393000
13,0 x 150	2	627394000
14,0 x 150	2	627395000
15,0 x 150	2	627396000
16,0 x 150	2	627399000
18,0 x 160	2	627409000
20,0 x 160	2	627410000
5,0 x 150	3	627421000
6,0 x 150	3	627423000
8,0 x 200	3	627426000
10,0 x 200	3	627427000
12,0 x 200	3	627428000
14,0 x 200	2	627429000

Concrete drill bit »classic«
Standard components 93 pieces
Order no. 690084000

Ø x GL mm	Units	Order no.
4,0 x 75	5	627625000
5,0 x 85	10	627626000
5,5 x 85	3	627627000
6,0 x 100	10	627646000
6,5 x 100	3	627650000
7,0 x 100	5	627651000
8,0 x 120	10	627652000
9,0 x 120	3	627653000
10,0 x 120	10	627654000
11,0 x 150	2	627655000
12,0 x 150	3	627656000
13,0 x 150	2	627657000
14,0 x 150	2	627658000
15,0 x 150	2	627659000
16,0 x 150	2	627661000
18,0 x 160	2	627662000
20,0 x 160	2	627664000
5,0 x 150	3	627665000
6,0 x 150	3	627675000
8,0 x 200	3	627679000
10,0 x 200	3	627697000
12,0 x 200	3	627698000
14,0 x 200	2	627699000

SDS-Plus drill bit, pro 4
Standard components 120 pieces
Order no. 690086000

Ø x GL mm	Units	Order no.
5,0 x 110	5	631820000
5,0 x 160	5	631821000
6,0 x 110	10	631824000
6,0 x 160	10	631825000
6,0 x 210	5	631826000
8,0 x 110	5	631832000
8,0 x 160	10	631833000
8,0 x 210	5	631834000
8,0 x 260	3	631835000
10,0 x 110	10	631837000
10,0 x 160	10	631838000
10,0 x 210	5	631839000
10,0 x 260	2	631840000
10,0 x 310	2	631841000
12,0 x 160	5	631844000
12,0 x 210	5	631845000
12,0 x 260	2	631846000
14,0 x 160	5	631849000
14,0 x 210	3	631850000
14,0 x 260	2	631851000
14,0 x 310	2	631852000
16,0 x 160	5	631854000
16,0 x 210	2	631855000
16,0 x 310	2	631856000

SDS Plus drill bit, pro 4 »PREMIUM«
Standard components 160 pieces
Order no. 690424000

Ø x GL mm	Units	Order no.
5,0 x 110	5	626200000
5,0 x 160	5	626201000
5,5 x 110	3	626202000
5,5 x 160	3	626203000
6,0 x 110	8	626204000
6,0 x 160	8	626205000
6,0 x 210	8	626206000
6,0 x 260	8	626207000
6,0 x 310	3	626208000
6,5 x 160	3	626209000
6,5 x 210	3	626210000
6,5 x 260	3	626211000
7,0 x 110	3	626213000
7,0 x 160	3	626214000
8,0 x 110	8	626215000
8,0 x 160	8	626216000
8,0 x 210	8	626217000
8,0 x 260	8	626218000
10,0 x 110	8	626219000
10,0 x 160	8	626220000
10,0 x 210	8	626221000
10,0 x 260	8	626222000
10,0 x 310	5	626223000
12,0 x 160	5	626225000
12,0 x 210	5	626226000
12,0 x 260	3	626227000
12,0 x 310	3	626228000
14,0 x 160	3	626230000
14,0 x 210	3	626231000
14,0 x 310	3	626232000

Drill bit modules, module size 49 x 60 x 36 cm

Universal wood drill bits
Standard components 126 pieces
Order no. 690076000

Ø x GL mm	Units	Order no.
4,0 x 85	5	627680000
5,0 x 85	5	627681000
6,0 x 100	10	627683000
6,0 x 150	10	627684000
8,0 x 120	5	627688000
8,0 x 250	5	627689000
10,0 x 120	3	627691000
10,0 x 250	3	627692000
12,0 x 150	3	627693000
12,0 x 250	3	627694000
3,0 x 61	5	627986000
4,0 x 75	5	627987000
5,0 x 86	5	627988000
6,0 x 93	10	627989000
7,0 x 109	3	627990000
8,0 x 117	10	627991000
9,0 x 120	2	627992000
10,0 x 133	10	627993000
11,0 x 142	2	627994000
12,0 x 151	6	627995000
13,0 x 151	2	627996000
14,0 x 151	4	627997000
15,0 x 160	2	627998000
16,0 x 160	4	627999000
18,0 x 180	2	627339000
20,0 x 200	2	627340000

Flat timber drill bits, wood drill bits, Forstner drill bits
Standard components 92 pieces
Order no. 690080000

Ø x GL mm	Units	Order no.
10,0 x 160	3	627312000
12,0 x 160	3	627313000
14,0 x 160	3	627315000
16,0 x 160	3	627316000
18,0 x 160	3	627317000
20,0 x 160	3	627319000
25,0 x 160	3	627322000
26,0 x 160	3	627323000
30,0 x 160	3	627325000
36,0 x 160	3	627327000
3,0 x 61	5	627986000
4,0 x 75	5	627987000
5,0 x 86	5	627988000
6,0 x 93	5	627989000
8,0 x 117	5	627991000
10,0 x 133	5	627993000
12,0 x 151	3	627995000
14,0 x 151	3	627997000
16,0 x 160	3	627999000
18,0 x 180	3	627339000
10,0 x 90	2	627579000
12,0 x 90	2	627580000
14,0 x 90	2	627581000
15,0 x 90	2	627582000
16,0 x 90	2	627583000
18,0 x 90	2	627584000
20,0 x 90	2	627585000
22,0 x 90	2	627586000
24,0 x 90	2	627587000
25,0 x 90	2	627588000
26,0 x 90	2	627589000
28,0 x 90	2	627590000
30,0 x 90	2	627591000
32,0 x 90	2	627592000
34,0 x 90	2	627593000
35,0 x 90	2	627594000
36,0 x 90	2	627595000
38,0 x 90	2	627596000
40,0 x 90	2	627597000

Forstner drill bit
Standard components 45 pieces
Order no. 690081000

Ø x GL mm	Units	Order no.
10,0 x 90	3	627579000
12,0 x 90	3	627580000
14,0 x 90	3	627581000
15,0 x 90	3	627582000
16,0 x 90	3	627583000
18,0 x 90	3	627584000
20,0 x 90	3	627585000
22,0 x 90	2	627586000
24,0 x 90	2	627587000
25,0 x 90	2	627588000
26,0 x 90	2	627589000
28,0 x 90	2	627590000
30,0 x 90	2	627591000
32,0 x 90	2	627592000
34,0 x 90	2	627593000
35,0 x 90	2	627594000
36,0 x 90	2	627595000
38,0 x 90	2	627596000
40,0 x 90	2	627597000

Auger Bits
Standard components 78 pieces
Order no. 690078000

Ø x GL mm	Units	Order no.
8,0 x 230	3	627124000
10,0 x 230	5	627125000
12,0 x 230	5	627126000
14,0 x 230	5	627127000
16,0 x 230	5	627128000
18,0 x 230	2	627129000
20,0 x 230	2	627130000
22,0 x 230	2	627131000
24,0 x 230	2	627132000
26,0 x 230	2	627133000
28,0 x 230	2	627134000
30,0 x 230	2	627135000
32,0 x 230	2	627136000
8,0 x 460	3	627137000
10,0 x 460	5	627138000
12,0 x 460	5	627139000
14,0 x 460	5	627140000
16,0 x 460	5	627141000
18,0 x 460	2	627142000
20,0 x 460	2	627143000
22,0 x 460	2	627144000
24,0 x 460	2	627145000
26,0 x 460	2	627146000
28,0 x 460	2	627147000
30,0 x 460	2	627148000
32,0 x 460	2	627150000

Concrete »classic«, wood HSS-G drill bits
Standard components 134 pieces
Order no. 690085000

Ø x GL mm	Units	Order no.
4,0 x 75	5	627625000
5,0 x 85	5	627626000
6,0 x 100	5	627646000
6,0 x 150	5	627675000
8,0 x 120	5	627652000
8,0 x 200	5	627679000
10,0 x 120	5	627654000
12,0 x 150	3	627656000
14,0 x 150	3	627658000
16,0 x 160	3	627661000
3,0 x 61	5	627986000
4,0 x 75	5	627987000
5,0 x 86	5	627988000
6,0 x 93	5	627989000
8,0 x 117	5	627991000
10,0 x 133	5	627993000
12,0 x 151	3	627995000
14,0 x 151	3	627997000
16,0 x 160	3	627999000
18,0 x 180	3	627339000
3,0 x 61	5	627954000
3,5 x 70	5	627957000
4,0 x 75	5	627958000
4,5 x 80	5	627961000
5,0 x 86	5	627963000
5,5 x 93	5	627966000
6,0 x 93	5	627967000
6,5 x 101	5	627968000
8,0 x 117	5	627973000
10,0 x 133	3	627978000

Flat timber drill bits, glass drill bits
Standard components 75 pieces
Order no. 690077000

Ø x GL mm	Units	Order no.
8,0 x 160	3	627311000
10,0 x 160	3	627312000
12,0 x 160	3	627313000
13,0 x 160	3	627314000
14,0 x 160	3	627315000
16,0 x 160	3	627316000
18,0 x 160	3	627317000
19,0 x 160	3	627318000
20,0 x 160	6	627319000
22,0 x 160	3	627320000
24,0 x 160	3	627321000
25,0 x 160	3	627322000
26,0 x 160	3	627323000
28,0 x 160	3	627324000
30,0 x 160	3	627325000
32,0 x 160	3	627326000
36,0 x 160	3	627327000
38,0 x 160	3	627328000
(Verl.) 270	3	627329000
4,0 x 65	3	627243000
5,0 x 65	3	627244000
6,0 x 65	3	627245000
8,0 x 65	3	627246000
10,0 x 65	3	627247000

Drill bit cabinets HSS-R

Drill bit cabinet, small
- In the smallest of spaces (37,5 x 23,5 x 20,5 cm) the most important and most powerful HSS drill bits, roll-milled version

Contents	Order no.
29 dimensions with a total of 490 bits: Ø 1.0–13.0 mm, 0.5 mm ascending, in addition Ø 3.2 mm, 4.2 mm, 4.8 mm, 6.8 mm	**690103000**

Drill bit cabinet, large
- The most important and most powerful HSS bits, roll-milled version

Contents	Order no.
90 dimensions with a total of 865 drill-bits: Ø 1.0–9.0 mm, 0.1 mm ascending Ø 9.00-13.0 mm, 0.5 mm ascending, additional 10.2 mm	**690106000**

Drill bit cabinets HSS-G

Drill bit cabinet, small
- In the smallest of spaces (37,5 x 23,5 x 20,5 cm) the most important and most powerful HSS drill bits, ground version

Contents	Order no.
29 dimensions with total 410 bits: Ø 1.0 - 13.0 mm: 0.5 mm ascending in addition Ø 3.2 mm, 4.2 mm, 4.8 mm, 6.8 mm	**690104000**

Hole saw module

HSS Bi-metal hole saws
Standard components 58 pieces
Order no. 690425000

Designation	Ø mm	Pieces	Order no.
	19	2	625163000
	20	2	625164000
	25	2	625168000
	29	2	625170000
	32	2	625172000
	35	2	625174000
	38	2	625176000
	40	2	625177000
	44	2	625180000
	51	2	625184000
	57	2	625188000
	60	2	625190000
	64	2	625191000
	68	2	625194000
	76	2	625197000
	83	2	625199000
	95	2	625203000
Pilot drill, (6,35 mm)		8	625220000
adapter SW9 (14-30 mm)		8	625215000
adapter SW11 (32-152 mm)		8	625216000

Jigsaw blade module

Small jigsaw blade module
Standard components 180 pieces
Order no. 690101000

Corresponding Bosch type	Useable length mm	Tooth pitch mm	Units	Order no.
T 119 BO	50	1,2	10	623646000
T 119 B	50	2	10	623631000
T 111 C	75	3	10	623632000
T 144 D	75	4	10	623633000
T 244 D	75	4	10	623649000
T 101 D	75	4	10	623635000
T 101 B	75	2,5	10	623634000
T 301 CD	85	3	10	623654000
T 234 X	90	progr.	10	623675000
Assortment			10	623645000
T 118 G	50	0,7	10	623636000
T 118 A	50	1,2	10	623637000
T 118 B	50	2	10	623638000
T 127 D	75	3	10	623639000
T 118 AF	50	1,2	10	623971000
T 318 A	100	1,2	10	623629000
T 123 X	75	progr.	10	623676000
T 345 XF	105	progr.	10	623677000

Jigsaw blade module

Large jigsaw blade module
Standard components 270 pieces
Order no. 690105000

Corresponding Bosch type	Useable length mm	Tooth pitch mm	Units	Order no.
T 119 BO	50	1,2	10	623646000
T 119 B	50	2	10	623631000
T 111 C	75	3	10	623632000
T 144 D	75	4	10	623633000
T 244 D	75	4	10	623649000
T 144 DP	75	4	10	623694000
T 101 D	75	4	10	623635000
T 101 BR	75	2,5	10	623650000
T 101 B	75	2,5	10	623634000
T 101 AO	50	1,35	10	623651000
T 301 CLF	105	3	10	623977000
T 301 CD	85	3	10	623654000
T 234 X	90	progr.	10	623675000
Assortment			10	623645000
T 118 G	50	0,7	10	623636000
T 118 A	50	1,2	10	623637000
T 218 A	50	1,2	10	623647000
T 118 B	50	2	10	623638000
T 127 D	75	3	10	623639000
T 101 A	75	2	10	623640000
T 118 AF	50	1,2	10	623971000
T 118 EF	50	1,5	10	623972000
T 118 BF	50	2	10	623973000
T 127 DF	75	3	10	623974000
T 318 A	100	1,2	10	623629000
T 123 X	75	progr.	10	623676000
T 345 XF	105	progr.	10	623677000

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
600890000	140	616230000	16	616560000	20	623036000	105	623238000	99	623331000	98
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616115000	15	616292000	21	616725000	20	623121000	97	623257000	99	623349000	98
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
626236000	95	626323000	65	626420000	195	626539000	144	626632000	30	626715000	290
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Order No.	Page
626884000	256
626885000	256
626886000	256
626887000	256
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627695000	129
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627697000	127
627698000	127

Order No.	Page
627699000	127
627700000	119
627701000	119
627702000	119
627703000	119
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628342000	70
628343000	70
628344000	70
628345000	70

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
628346000	70	628409000	104	628538000	149	628653000	160	628791000	246	628895000	258
628347000	70	628410000	104	628539000	149	628654000	156	628797000	281	628896000	258
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
629060000	81	630194000	75	630390000	50	630705000	53	630992000	103	631230000	208
629061000	81	630195000	75	630401000	49	630706000	53	631001000	221	631231000	208
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Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
631586000	208	631825000	92	631934000	238	635202000	213	636617000	111	0901025967	272
631587000	208	631826000	92	631937000	238	635203000	213	636619000	111	0901025975	272
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631824000	92	631933000	238	635201000	213	636616000	111	0901025959	272	0901053847	276

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
0901053855	276	0903061243	283	0911030748	203	7809009283	274
0901053863	276	0903061251	283	0911030845	203	7809009291	274
0901053871	276	0903061260	282	0911050390	203	7809035764	274
0901053880	276	0903061278	282	0911053179	203	7823672327	277
0901053898	276	0903061294	280	0911060167	203	7851194171	266
0901053901	276	0903061316	285	0911062119	203	7851194180	266
0901054568	269	0903061340	286	0911063549	203	7854112915	241
0901054584	265	0903061359	281	0913005058	240	7854115035	241
0901054908	268	0903061367	281	0913007123	240	7876193943	266
0901054916	268	0903061375	280	0913010779	241	7876193951	266
0901054924	268	0903061677	279	0913013565	241	7876193978	267
0901054932	268	0903061685	279	0913013581	240	7876193986	267
0901054940	268	0903063122	287	0913014626	240	7876193994	267
0901054959	268	0903063130	287	0913014634	240	7876194001	266
0901054967	268	0903063149	287	0913017617	240	7876194010	266
0901054975	269	0903064838	279	0913031270	242	7876194028	266
0901054983	275	0903064846	279	0913031288	241	7876194060	266
0901054991	275	0903064854	279	0913031296	242	7876194079	266
0901055769	277	0909000416	198	0913031300	242	7876194117	267
0901056048	268	0909000424	198	0913059433	241	7876194125	266
0901056056	268	0909029171	198	0913059441	240	7876194133	266
0901056161	268	0909029180	198	0920016529	240	7876693610	267
0901056218	268	0909029210	198	0920054030	203	7876693628	267
0901056226	268	0909029228	198	0920054048	203	9109691680	267
0901057290	268	0909029244	198	1001672319	277		
0901057303	268	0909029252	198	1319706247	278		
0901058903	268	0909029260	198	4313062258	204		
0901059489	267	0909029279	198	7710672339	277		
0901059500	267	0909030528	199	7800009035	271		
0901059691	266	0909030536	199	7800009043	271		
0901062145	268	0909030544	199	7800009558	271		
0901063087	278	0909030552	199	7801009055	270		
0901063095	278	0909031249	199	7801009063	270		
0901063109	278	0909040817	198	7801009071	270		
0901063788	265	0909040825	198	7802009083	270		
0901063796	265	0909040841	198	7802009091	270		
0901063800	265	0909052939	198	7802009105	270		
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0901063826	264	0909057183	198	7803009125	272		
0901063834	264	0909057191	198	7803009133	271		
0901063850	264	0909060257	198	7803009141	272		
0901063869	264	0909060265	198	7804009161	272		
0901063877	264	0909060273	198	7804010372	272		
0901063885	264	0909060281	198	7804065606	272		
0901064423	278	0909060303	199	7805009300	274		
0903009250	284	0909060338	199	7805009319	274		
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0903016450	284	0909060354	199	7805009351	274		
0903018410	279	0910008749	200	7805009416	274		
0903019352	280	0910031260	241	7805009432	274		
0903019379	279	0910053353	204	7805009440	274		
0903028351	285	0910058010	241	7805009459	274		
0903028360	285	0910058967	200	7805009475	274		
0903028416	285	0910059955	241	7805009483	274		
0903028432	285	0911001071	204	7805033767	274		
0903028440	285	0911003783	203	7806009185	273		
0903028521	286	0911014220	203	7806009207	273		
0903050306	284	0911016362	203	7806034996	273		
0903050314	284	0911018691	204	7807009367	275		
0903053143	279	0911030713	203	7807009375	275		
0903058005	285	0911030721	203	7808009247	273		
0903060778	287	0911030730	203	7809009275	274		

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