

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

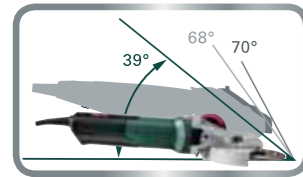
Even during the development phase at Metabo, machines and accessories are optimally adjusted and tested to complement one another. Your added benefit: Maximum performance when cutting, roughing or polishing thanks to Metabo + System effect.



**Angle Grinders  
Angle Polishers**

## Flat-head Angle Grinders: Problem solvers in acute angles: down to 39°!

Do you need to grind fillet welds in tight angles, or clean deep root seams? No need for time-consuming work with wire brushes or designing modified tools. The flat head angle grinders of up to 1,550 Watts always help you out when it gets tight. They work quickly and safely in hard-to-reach and narrow places at angles down to 39°. This is made possible by the extremely flat gear head.



Fast and safe in angles as tight as 39° thanks to its extremely flat gear head

MARATHON MOTOR

**Metabo Marathon-motor for a longer service life and added power**

- Patented dust protection
- Up to 20% more overload capacity
- Up to 50 % more torque



WEPPBF 15-150 Quick

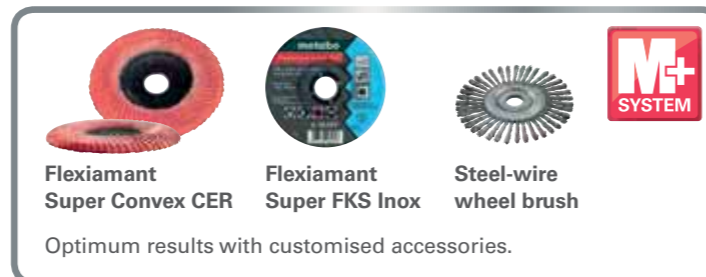


**High user safety**

- Patented, mechanical disc brake
- Ergonomic paddle switch with dead man function: disc stops when released and within two seconds following loss of power



Disc change is fast and requires no tools with quick-locking nut



Flexiamant Super Convex CER

Flexiamant Super FKS Inox

Steel-wire wheel brush

Optimum results with customised accessories.

18 V  
Ø 125 mm



### Technical data

Type of battery pack	Li-Ion / LiHD
Battery pack voltage	18 V
Minimum accessible angle	43 °
Grinding wheel Ø	125 mm
No-load speed	8,000 /min
Spindle threads	M 14
Weight (including battery pack)	2.4 kg

### Cordless Flat-head Angle Grinder WF 18 LTX 125 Quick

### Scope of delivery

Order no.	601306
1 flap disc Flexiamant Super Convex (125 mm; P60)	■
Guard	■
Inner support flange	■
Quick-locking nut	■
Side handle	■
Dust protection filter	■
2 Li-Power battery packs (18 V/5.2 Ah)	■
Charger ASC 30-36 V »AIR COOLED«	■
Plastic carry case	■

Equipment variants can be found in the Metabo price list and on the internet

### Product advantages

- Extremely flat gear head permits working within acute angles down to 43°
- Compact design for quick removal of welding slag, rust or paint in confined spaces e.g. frame constructions
- Low-fatigue working even on weld seams in difficult to access places thanks to slim handle
- Robust motor for long service life
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Battery packs with capacity display for checking the charge status

### The flat-head angle grinder solves issues in tight spaces



... more quickly than die grinders



... more easily than with wire brushes



... more safely than modified tools

### System components

Accessories → 87

Battery packs → 72

Ø 125 mm



Technical data	Flat-head Angle Grinder WEF 9-125 Quick	Flat-head Angle Grinder WEPF 9-125 Quick
Minimum accessible angle	43 °	43 °
Grinding wheel Ø	125 mm	125 mm
Rated input power	910 W	910 W
Output power	430 W	430 W
No-load speed	10,000 /min	10,000 /min
Revolutions at rated load	8,200 /min	8,200 /min
Torque	2 Nm	2 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg
Cable length	4 m	4 m

Scope of delivery	613060 <sup>1) 2)</sup>	613069 <sup>1)</sup>
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
5 Flap discs Flexiamant Super Convex (125 mm; P60)	■	■

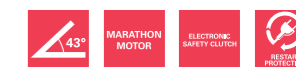
<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
  - Most compact flat-head angle grinder for working at acute angles down to 43°
  - Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
  - Metabo Marathon-motor with patented dust protection for long service life
  - Constamatic (C) Full-wave Electronics: fast work progress by means of almost constant speed under load
  - Metabo Quick for tool-free disc change by means of a quick-locking nut
  - Tool-free adjustable guard; twist-proof
  - Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
  - Electronic overload protection, soft start and restart protection
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 87

Ø 125 mm



Technical data	Flat-head Angle Grinder WEVF 10-125 Quick Inox	Flat-head Angle Grinder WEF 15-125 Quick
Minimum accessible angle	43 °	43 °
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,000 W	1,550 W
Output power	590 W	940 W
No-load speed	2,000 - 7,600 /min	11,000 /min
Revolutions at rated load	6,300 /min	11,000 /min
Torque	3.5 Nm	3.5 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.3 kg	2.7 kg
Cable length	4 m	4 m

Scope of delivery	613080 <sup>1)</sup>	613082
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Metabo VibraTech (MVT) side handle		■
1 flap disc Flexiamant Super Convex (125 mm; P60)	■	■
1 roughing disc Flexiamant Super FKS 60 (125x4 mm; P60)		■

<sup>1)</sup> also available in 120 V (North/Latin America)

- Product advantages**
- The most easy-to-handle flat-head angle grinder with speed regulation for perfect processing of stainless steel e.g. railings and hand rails
  - Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
  - Powerful flat-head angle grinder for working quickly in acute angles down to 43°
  - Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
  - Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
  - Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Metabo Quick for tool-free disc change by means of a quick-locking nut
  - Tool-free adjustable guard; twist-proof
  - Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
  - Electronic overload protection, soft start and restart protection
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 87

Ø 150 mm



Technical data

Flat-head Angle Grinder  
WEF 15-150 Quick

Flat-head Angle Grinder  
WEPBF 15-150 Quick

Minimum accessible angle	39 °	39 °
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,550 W	1,550 W
Output power	940 W	940 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	3.9 Nm	3.9 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.7 kg	2.9 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	613083 <sup>1)</sup>	613085 <sup>1) 2)</sup>
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Metabo VibraTech (MVT) side handle	■	■
1 flap disc Flexiamant Super Convex (150 mm; P60)	■	■
1 roughing disc Flexiamant Super FKS 60 (150x4 mm; P60)	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Powerful flat-head angle grinder for working quickly in particularly acute angles down to 39°
- Particularly developed for the removal of weld slag, rust or paint in narrow frame constructions and for working in tight spaces
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 87

Grinding discs









- Quality class A46-P »Flexiamant Super FKS« Inox**
- Special grinding disc for processing fillet welds in stainless steel and steel, thanks to a high finish quality. Other application examples: Processing of weld seams, deburring, grinding of corners and edges
  - Particularly suited for front facing working with the Metabo flat-head angle grinders
  - Clean cut with high material removal ensures excellent cutting output
  - Different grain levels can be selected - additional fine grinding can consequently be omitted
  - The grinding disc has a sectioned rim, therefore best-suited for the individual processing of the material
  - Suitable for rust and acid resistant steels (V2A, Nirosta, INOX), highly solid, high-alloy steels, hardened steels, construction steels, grey cast iron
  - Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)/hardness: medium
  - 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 46 P / 40	125 x 4 x 22.23	—	12,200	1/10	616197000
A 46 P / 60	125 x 4 x 22.23	—	12,200	1/10	616198000
A 46 P / 40	150 x 4 x 22.23	—	10,200	1/10	616199000
A 46 P / 60	150 x 4 x 22.23	—	10,200	1/10	616200000


Flap discs



	Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
<p><b>Quality class zirconia alumina »Flexiamant Convex«</b></p> <ul style="list-style-type: none"> <li>■ Specially shaped flap disc with lamellae that are rounded off towards the outer edges.</li> <li>■ Grinding media: Zirconia alumina</li> <li>■ 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</li> <li>■ High material removal with very high tool life thanks to the use of zirconia alumina</li> <li>■ Suitable for processing stainless steel and steel</li> <li>■ Uniform grinding result, comfortable grinding with only low vibration</li> <li>■ Maximum working speed 80 m/s</li> </ul>	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
<p><b>Quality class ceramic »Flexiamant Super Convex«</b></p> <ul style="list-style-type: none"> <li>■ Specially shaped flap disc with lamellae that are rounded off towards the outer edges.</li> <li>■ 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</li> <li>■ Very high material removal with very high tool life thanks to the use of ceramic grain.</li> <li>■ Cool cut for materials with poor thermal conduction</li> <li>■ 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.</li> <li>■ Uniform grinding result, comfortable grinding with only low vibration</li> <li>■ Maximum working speed 80 m/s</li> </ul>	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

Flap wheels							
Diameter mm	Thickness mm	Female thread	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 <p><b>Quality class ceramic »Flexiamant Super«</b></p> <ul style="list-style-type: none"> <li>Flap wheel with straight profiled lamellae, particularly suited for processing fillet welds. The profiled lamellae, arranged radially in the shape of a fan, adapt exceptionally well to the contours of the work piece. Ideally suited for an even and smooth weld seam. Thanks to the offset shape it can also be used at hard to reach places.</li> <li>High material removal with high tool life thanks to the use of ceramic grain.</li> <li>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.</li> <li>Cool cut for materials with poor thermal conduction</li> <li>Maximum speed: 10,000 rpm</li> </ul>							
125	8	M 14	P 40		10,000	1/5	626470000
125	8	M 14	P 60		10,000	1/5	626471000
125	8	5/8 "	P 40		10,000	1/5	626486000
125	8	5/8 "	P 60		10,000	1/5	626487000

Fleece compact grinding discs »Unitized« - VKS-ZK			
 <ul style="list-style-type: none"> <li>Several layers of pressed fleece material, soaked with resin-bonded abrasive grain (zirconia alumina)</li> <li>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.</li> <li>For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels</li> <li>Profiling of the grinding media possible for precise working. Very low roughing of the processed material.</li> <li>Bore 22.23 mm (for angle grinder)</li> <li>Max. 10,000 rpm; recommended speed: 3,000 rpm</li> </ul>			
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




Steel-wire wheel brushes, twisted steel, pipeline					
 <ul style="list-style-type: none"> <li>Specially developed for the professional processing of U and V-weld seams in pipeline construction, as well as for root weld seam preparation</li> <li>Edging type: twisted steel wire</li> <li>Thickness of plait: 6.0 mm</li> </ul>					
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*

Cutting blade guards		Order no.
 <p><b>Cutting blade guard 125 mm</b> For working with cutting discs, diameter: 125 mm diameter, suitable for the flat-head angle grinders WEF 9-125 / WF 18 LTX 125, WEPF 9-125 Quick / WPF 18 LTX 125 Grinding disc Ø: 125 mm</p>	630355000	

 <p><b>Cutting blade guard 125 mm</b> For working with cutting discs, diameter: 125 mm, suitable for the flat-head angle grinder WEF 15-125 Quick, WEVF 10-125 Quick, WEVF 10-125 Quick Inox Grinding disc Ø: 125 mm</p>	630372000
 <p><b>Cutting blade guard 150 mm</b> For working with cutting discs, diameter: 150 mm, suitable for the flat-head angle grinder WEF 15-150 Quick, WEPF 15-150 Quick, WEPBF 15-150 Quick Grinding disc Ø: 150 mm</p>	630378000

Dust protection filters	
<ul style="list-style-type: none"> <li>Filter against coarse particles or chips for longer service life of the machine when working e.g. with ceramic fibre, roughing or cutting discs or polishing with lambswool</li> <li>Easy and fast cleaning thanks to exterior metal grid without disturbing connecting ribs</li> <li>Tool-free assembly and disassembly</li> </ul>	

 <p><b>Dust protection filter for all angle grinders W...12..., WE...15..., WE...17... standard (not paddle, not RT)</b></p>	630709000*
 <p><b>Dust protection filter for all angle grinders WP...12..., WEP...15..., WEP...17... with paddle switch</b></p>	630792000*

Multi-position handle	
 <p><b>Multi-positioning for side handle</b></p> <ul style="list-style-type: none"> <li>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</li> <li>The side handle can be adjusted without tools for changing working positions</li> <li>The robust hexagon shape permits folding the side handle to the rear for safe, two-handed operation in confined spaces</li> <li>Suitable for W..9-1..; except: WEF 9-125 WEV 10-125; W..12-1..; 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..</li> <li>Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT</li> </ul> 	627362000
 <p><b>Front handle WS</b></p> <ul style="list-style-type: none"> <li>Front handle with ideal ergonomics, e.g. for surface grinding with fibre discs, light polishing work with diamond cup wheels etc.</li> <li>Suitable for Metabo angle grinders W..9..; WE 10..; W..12..; WE 15..; WE 17..</li> <li>Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT</li> </ul>	623262000

\* Self-service packaging

# The brushless, cordless compact angle grinder: Powerful and long-lasting.

The cordless angle grinders from Metabo impress with excellent cordless technology combined with impressive performance. The interaction of enclosed brushless motor and the new LiHD battery pack technology make the new cordless compact angle grinder the strongest and most enduring machine of its kind.

Smallest handle circumference of only 165 mm for low-fatigue working and safe ergonomic fit

Unique enclosed Metabo brushless motor with optional dust protection for quick work progress and highest efficiency

**BRUSHLESS MOTOR**

**ELECTRONIC SAFETY CLUTCH**

Electronic safety shutdown reduces kickback if the disc stops unexpectedly - for high user safety.

**FAST BRAKE**

Fastest brake system with safety spindle for highest user protection stops the disc in a matter of seconds after switching off.



Rotating battery pack allows you to get into tight spaces  
Permits comfortable and practical working for a range of applications and especially in hard to reach places.

WB 18 LTX BL 180

18 V  
Ø 115 mm  
Ø 125 mm



**Technical data**

**Cordless Angle Grinder W 18 LTX 115 Quick**

**Cordless Angle Grinder W 18 LTX 125 Quick**

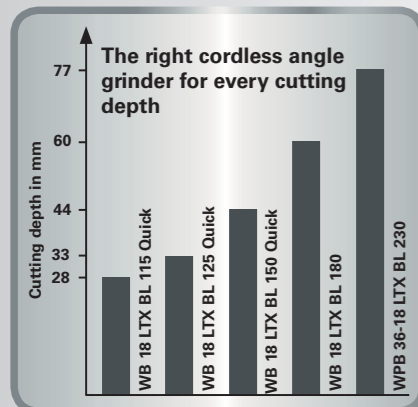
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	115 mm	125 mm
No-load speed	8,000 /min	8,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.4 kg	2.4 kg

**Scope of delivery**

Order no.	602170	602174
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
2 Li-Power battery packs (18 V/5.2 Ah)		■
Charger ASC 30-36 V »AIR COOLED«		■
Plastic carry case		■
MetaLoc case insert	■	
without battery pack, without charger	■	

**Product advantages**

- Slim design for prolonged comfort when working overhead or in areas with limited space
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Overload protection: protects the motor from overheating
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Detachable dust protection filter protects motor from coarse particles
- Battery packs with capacity display for checking the charge status



With a single battery pack charge: Separate 40 roof tiles  
WB 18 LTX 180 with LiHD 8.0 Ah



With a single battery pack charge: 28 cuts in steel tube (Ø 57 x 2.9 mm)  
WB 18 LTX 180 with LiHD 8.0 Ah

**System components**

Accessories → 130

Battery packs → 72

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14  
15

18 V  
Ø 125 mm



Technical data	Cordless Angle Grinder W 18 LTX 125 Quick Inox	Cordless Angle Grinder WP 18 LTX 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	125 mm	125 mm
No-load speed	5,000 /min	8,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.4 kg	2.4 kg

Scope of delivery	600174	613072
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
without battery pack, without charger	■	■

- Product advantages**
- Speed and torque configured precisely for stainless steel processing ensuring a cool grinding action with perfect finish
  - Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
  - Slim design for prolonged comfort when working overhead or in areas with limited space
  - Metabo Quick for tool-free disc change by means of a quick-locking nut
  - Tool-free adjustable guard; twist-proof
  - Battery pack can be swivelled for better access in hard to reach places
  - Overload protection: protects the motor from overheating
  - Electronic soft start for smooth start-up
  - Restart protection: prevents unintentional start-up after power supply interruption
  - Detachable dust protection filter protects motor from coarse particles

**System components**

Accessories → 130 | Battery packs → 72

18 V  
Ø 125 mm



Technical data	Cordless Angle Grinder WB 18 LTX BL 125 Quick	Cordless Angle Grinder WPB 18 LTX BL 125 Quick
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V
Grinding wheel Ø	125 mm	125 mm
No-load speed	9,000 /min	9,000 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	2.7 kg	2.8 kg

Scope of delivery	613077	613075
Guard	■	■
Inner support flange	■	■
Quick-locking nut	■	■
Side handle	■	■
Dust protection filter	■	■
2 LiHD battery packs (18 V/5.5 Ah)	■	■
Charger ASC 30-36 V »AIR COOLED«	■	■
Plastic carry case	■	■

- Product advantages**
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
  - Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
  - Slim design for prolonged comfort when working overhead or in areas with limited space
  - Fast brake system with safety spindle for highest user safety: stops the disc within 2 seconds after switching off and prevents the nut from coming loose during the braking process
  - Metabo Quick for tool-free disc change by means of a quick-locking nut
  - Tool-free adjustable guard; twist-proof
  - Battery pack can be swivelled for better access in hard to reach places
  - Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
  - Overload protection: protects the motor from overheating
  - Electronic soft start for smooth start-up
  - Restart protection: prevents unintentional start-up after power supply interruption
  - Detachable dust protection filter protects motor from coarse particles
  - Battery packs with capacity display for checking the charge status

**System components**

Accessories → 130 | Battery packs → 72

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18 V  
 Ø 150 mm  
 Ø 180 mm



Technical data	Cordless Angle Grinder W 18 LTX 150 Quick	Cordless Angle Grinder WB 18 LTX BL 150 Quick	Cordless Angle Grinder WB 18 LTX BL 180
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	18 V	18 V
Grinding wheel Ø	150 mm	150 mm	180 mm
No-load speed	8,000 /min	9,000 /min	8,200 /min
Spindle threads	M 14	M 14	M 14
Weight (including battery pack)	2.4 kg	2.6 kg	2.6 kg

Scope of delivery

Order no.	600404	613078	613087
Clip for cut-off guard	■		
Guard	■	■	■
2 Flexiarapid Inox cutting discs (150x1.6x22.2 mm)	■		
Inner support flange	■	■	■
Nut with two holes			■
Quick-locking nut	■	■	
Side handle	■	■	■
Dust protection filter	■	■	■
Flat-pin spanners			■
2 Li-Power battery packs (18 V/5.2 Ah)	■		
Charger ASC 30-36 V »AIR COOLED«	■		
Plastic carry case	■		
MetaLoc case			■
without battery pack, without charger		■	■

Product advantages

- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Same cutting depth like a large mains angle grinder with Ø 230 mm; ideal for cutting jobs on the roof
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Slim design for prolonged comfort when working overhead or in areas with limited space
- Tool-free adjustable guard; twist-proof
- Battery pack can be swivelled for better access in hard to reach places
- Detachable dust protection filter protects motor from coarse particles
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130 | Battery packs → 72

2x 18 V  
 36 V  
 Ø 230 mm



Technical data	Cordless Angle Grinder WPB 36-18 LTX BL 230	Cordless Angle Grinder WPB 36 LTX BL 230
Type of battery pack	Li-Ion / LiHD	Li-Ion / LiHD
Battery pack voltage	18 V	36 V
Grinding wheel Ø	230 mm	230 mm
No-load speed	6,600 /min	6,600 /min
Spindle threads	M 14	M 14
Weight (including battery pack)	6.9 kg	6.1 kg

Scope of delivery

Order no.	613102 <sup>1)</sup>	613101 <sup>1)</sup>
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	■
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners	■	■
2 LiHD battery packs (36 V/6.2 Ah)		■
4 LiHD battery packs (18 V/8.0 Ah)	■	
»AIR COOLED« quick charger ASC Ultra		■
2 Quick chargers ASC Ultra »AIR COOLED«	■	
Plastic carry case	■	■
MetaLoc case	■	

<sup>1)</sup> also available in 120 V (North/Latin America)

Product advantages








- 100% compatibility with the 18 Volt class: powerful 36 Volt operation with two 18 Volt battery packs from Metabo
- World's first large angle grinder (Ø 230 mm) with battery pack operation for powerful cutting and roughing independent from the mains power
- Widest range of application thanks to extremely large cutting depth of 77 mm
- Unique encapsulated Metabo brushless motor with optimum protection from dust provides quick work progress and the highest efficiency
- Deadman's switch for high user safety
- Fast brake system for highest user safety stops the disc within a matter of seconds after switching off
- Tool-free adjustable guard; twist-proof
- Rotating main handle: high safety and better handling when cutting
- Metabo VibraTech (MVT) side handle for vibration damping to protect the user's health
- Side handle can be mounted in three positions
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Overload protection, soft start and restart protection
- Battery packs with capacity display for checking the charge status

System components

Accessories → 130 | Battery packs → 72



# Overview of product benefits

Model	Rated input power	Disc size				Particular product advantages	Model	Equipment												
		Ø100 mm / 4"	Ø115 mm / 4,5"	Ø125 mm / 5,0"	Ø150 mm / 6,0"			Marathon motor	S-automatic safety clutch: minimises kickback	Electronic safety shutdown: reduces kickback	Tool-free disc change	Tool-free adjustable guard	MVT side handle	Constant electronics	Soft start	Restart protection	Overload protection	Adjustable speed	Integrated auto-balancer	Disc brake
<b>850 W series - the professional entry level</b>																				
	W 750-1....	■	■		750 W		W 750-1....												■*	
	W 850-1....	■	■		850 W		W 850-1....												■*	
	WP 850-1....	■	■		850 W		WP 850-1....												■	
<b>900 W series - the most compact ones</b>																				
	W 9-1....	■	■	■	900 W	Particularly handy	W 9-1....	■	■										■*	
	WP 9-1....	■			900 W	Particularly handy	WP 9-1....	■	■										■	
	W 9-1.... Quick		■	■	900 W	Particularly handy	W 9-1.... Quick	■	■			■	■						■*	
	WP 9-1.... Quick		■	■	900 W	Particularly handy	WP 9-1.... Quick	■	■			■	■						■	
<b>1,100 W series – the flexible ones also with adjustable speed</b>																				
	WEA 10-125 Quick			■	1,000 W	Lowest vibrations, particularly handy	WEA 10-125 Quick	■	■						C	■	■	■	■	
	WEV 10-125 Quick			■	1,000 W	Adjustable speed, particularly handy	WEV 10-125 Quick	■	■						VC	■	■	■	■	
	W 1100-1....			■	1,100 W		W 1100-1....												■*	
<b>1,250 W series - the endurance pros</b>																				
	WP 1200-1.... RT		■	■	1,200 W	Ergonomic soft handle	WP 1200-1.... RT												■	
	W 12-1.... Quick			■	1,250 W		W 12-1.... Quick	■	■										■*	
	W 12-125 HD			■	1,250 W	High torque and robust aluminium flange for processing stone	W 12-125 HD	■	■										■*	
	WP 12-1.... Quick		■	■	1,250 W		WP 12-1.... Quick	■	■										■	
	WPB 12-1.... Quick			■	1,250 W	High user safety	WPB 12-1.... Quick	■	■										■	
	WA 12-125 Quick			■	1,250 W	Lowest vibrations	WA 12-125 Quick	■	■										■*	
	WBA 12-125 Quick			■	1,250 W	High user protection, lowest vibrations	WBA 12-125 Quick	■	■										■*	
<b>1,550 W series - the power packs</b>																				
	WE 1500-1.... RT			■	1,500 W	Ergonomic soft handle	WE 1500-1.... RT								TC	■	■			
	WE 15-1.... Quick			■	1,550 W		WE 15-1.... Quick	■	■						TC	■	■	■		
	WE 15-125 HD			■	1,550 W	High torque and robust aluminium flange for processing stone	WE 15-125 HD	■	■						TC	■	■	■		
	WEP 15-1.... Quick			■	1,550 W		WEP 15-1.... Quick	■	■						TC	■	■	■	■	
	WEA 15-125 Quick			■	1,550 W	Lowest vibrations	WEA 15-125 Quick	■	■						TC	■	■	■	■	
<b>1,550 W series - the specialists with adjustable speed</b>																				
	WEV 1500-125 RT			■	1,500 W	Ergonomic soft handle	WEV 1500-125 RT								VTC	■	■		■	
	WEV 15-1.... Quick			■	1,550 W		WEV 15-1.... Quick	■	■						VTC	■	■	■	■	
	WEVA 15-1.... Quick			■	1,550 W	Lowest vibrations	WEVA 15-1.... Quick	■	■						VTC	■	■	■	■	
	WEV 15-125 Quick HT			■	1,550 W	High torque for processing stone	WEV 15-125 Quick HT	■	■						VTC	■	■	■	■	
	WEV 15-125 Quick Inox			■	1,550 W	Very high torque for the perfect stainless steel finish	WEV 15-125 Quick Inox	■	■						VTC	■	■	■	■	
<b>1,700 W series – the productivity geniuses</b>																				
	WE 17-1.... Quick RT			■	1,750 W		WE 17-1.... Quick RT	■	■						TC	■	■			
	WE 17-125 Quick			■	1,700 W		WE 17-125 Quick	■	■						TC	■	■	■		
	WEV 17-125 Quick RT			■	1,750 W	Adjustable speed	WEV 17-125 Quick RT	■	■						VTC	■	■		■	
	WEV 17-125 Quick Inox RT			■	1,750 W	High torque and adjustable speed for working with stainless steel	WEV 17-125 Quick Inox RT	■	■						VTC	■	■		■	
	WEV 17-125 Quick			■	1,700 W	Adjustable speed	WEV 17-125 Quick	■	■						VTC	■	■	■	■	

■\* Depends on countries

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# Overview of product benefits

		Ø125 mm / 5,0"	Ø150 mm / 6,0"	Ø180 mm / 7,0"	Rated input power	Particular product advantages		Equipment														
Model								Model	Marathon motor	S-automatic safety clutch: minimises kickback	Electronic safety shutdown: reduces kickback	Tool-free disc change	Tool-free adjustable guard	MVT side handle	Constant electronics	Soft start	Restart protection	Overload protection	Adjustable speed	Integrated auto-balancer	Disc brake	Switch with deadmans function
<b>1,700 W series – the productivity geniuses</b>																						
	WEP 17-150 Quick	■	■	■	1.700 W			WEP 17-150 Quick	■	■	■	■	■	■	TC	■	■	■				■
	WEA 17-1.... Quick	■	■	■	1.700 W	Lowest vibrations		WEA 17-1.... Quick	■	■	■	■	■	■	TC	■	■	■		■		
	WEBA 17-125 Quick	■	■	■	1.700 W	High user protection, lowest vibrations		WEBA 17-125 Quick	■	■	■	■	■	■	TC	■	■	■		■	■	
	WEPBA 17-1.... Quick RT	■	■	■	1.750 W	High user protection, lowest vibrations		WEPBA 17-1.... Quick RT	■	■	■	■	■	■	TC	■	■	■		■	■	■
	WEPBA 17-1.... Quick	■	■	■	1.700 W	High user protection, lowest vibrations		WEPBA 17-1.... Quick	■	■	■	■	■	■	TC	■	■	■		■	■	■
<b>1,900 W series – the most productive lightweights</b>																						
	WE 19-180 Quick RT			■	1.900 W			WE 19-180 Quick RT	■	■	■	■	■	■	TC	■	■					
	WEA 19-180 Quick RT			■	1.900 W	High user protection, lowest vibrations		WEA 19-180 Quick RT	■	■	■	■	■	■	TC	■	■			■		
	WEPBA 19-180 Quick RT			■	1.900 W	High user protection, lowest vibrations		WEPBA 19-180 Quick RT	■	■	■	■	■	■	TC	■	■			■	■	■

		Ø 180 mm / 7,0"	Ø 230 mm / 9,0"	Rated input power	Particular product advantages		Equipment															
Model							Model	Marathon-Motor	Electronic safety shutdown: reduces kickback	Tool-free disc change	Tool-free adjustable guard	MVT side handle	MVT damping system	Soft start	Restart protection	Overload protection	Integrated auto-balancer	Switch with deadmans function	Rotating main handle	Side handle can be mounted in three positions		
<b>2,200 W series – the powerful entry level</b>																						
	W 22-..... MVT	■	■	■	2.200 W		W 22-..... MVT	■			■	■	■						■*	■	■	
	WE 22-..... MVT	■	■	■	2.200 W		WE 22-..... MVT	■	■		■	■	■	■	■	■	■		■*	■	■	
	WE 22-230 MVT Quick			■	2.200 W		WE 22-230 MVT Quick	■	■	■	■	■	■	■	■	■	■			■	■	
<b>2,400 W series – the reliable work horses</b>																						
	W 24-..... MVT	■	■	■	2.400 W		W 24-..... MVT	■			■	■	■						■*	■	■	
	WE 24-..... MVT	■	■	■	2.400 W		WE 24-..... MVT	■	■		■	■	■	■	■	■	■		■*	■	■	
	WE 24-..... MVT Quick			■	2.400 W		WE 24-..... MVT Quick	■	■	■	■	■	■	■	■	■	■		■*	■	■	
	WEA 24-..... MVT Quick	■	■	■	2.400 W	Lowest vibrations	WEA 24-..... MVT Quick	■	■	■	■	■	■	■	■	■	■	■	■*	■	■	
<b>2,600 W series – the most powerful long-runners</b>																						
	W 26-..... MVT	■	■	■	2.600 W		W 26-..... MVT	■			■	■	■						■*	■	■	
	WE 26-..... MVT Quick			■	2.600 W		WE 26-..... MVT Quick	■	■	■	■	■	■	■	■	■	■		■*	■	■	
	WEA 26-..... MVT Quick			■	2.600 W	Lowest vibrations	WEA 26-..... MVT Quick	■	■	■	■	■	■	■	■	■	■		■*	■	■	

■\* depends on model variant

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# The compact angle grinders without limits: Ultimate power – unmatched endurance.

We listened closely to what is important with regard to cutting and roughing. From now on you will define the limit - not your tool. Don't be afraid to challenge our power packs of up to 1,900 Watts: Our angle grinders go on and on, with high torque and maximum overload capacity – and impress with their perfect ergonomics. Maximum power has never been this compact.



**Minimal kick-back – maximum control**  
Metabo S-automatic mechanical safety clutch for lowest kick-back when the disc is jammed



**Fast, tool-free disc change**  
with M-Quick flange nut at the push of a button

**MARATHON MOTOR**

**Metabo Marathon-motor for a longer service life and added ventilation**



**Safe working at heights**  
thanks to anti-fall guard



### Low-fatigue roughing

- thanks to integrated Autobalancer
  - thanks to Metabo VibraTech (MVT) side handle
- For 50% less vibration and lower costs, thanks to half the consumption of discs



### High user safety

- Ergonomic paddle switch with dead man function
- Patented, mechanical disc brake

WEPBA 17-125 Quick DS

# The Metabo Marathon-motor: High-performance in the most demanding of applications.

The Metabo Marathon-motor, with patented dust protection, goes beyond previously known limits in terms of power, productivity and service life in extreme situations. With up to 20% more high overload capacity and 50% more torque, it perseveres without stopping when others are left behind. Marathon-motors are built in our factory in Germany: 100% "made in Germany".

**MARATHON MOTOR**

## Developed for long service life in extreme applications

- Increased robustness by virtue of additional protection against aggressive dusts:**
- Flow-optimised dust protection cage accelerates dust particles from the machine
  - New epoxy resin powder around the field coil
  - 30% more abrasion protection resin at the rotor winding

**2x LONGER LIFETIME NEW CARBON BRUSH SYSTEM**

## Less wear and lower costs thanks to the new carbon brush system:

- 100% longer service life
- For all Metabo angle grinders with 1,550, 1,700 and 1,900 Watts
- Longest overall service life compared to the competition



Made in Germany

## Perfect ergonomics and control

### Patented field coil technology permits more power in reduced design

- for highest power density in any class
- for low-fatigue and safe working
- for the first 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one

## Longer service life



The dust protection filter keeps larger shavings away – perfect for working with ceramic fibre discs

## For applications of maximum hardness



The perfect choice for all applications – all models up to 1,900 Watts

## Control in constrained situations



Multi-position handle means the handle position can be infinitely variable

## Maximum productivity at 1,900 Watts

New 1,900W armature with more efficient cooling for even more high overload capacity in extreme situations and a longer motor life.



- Blades circulate the air
- Air turbulence absorbs the heat better



- More compact copper arrangement
- Less insulating resin in the gaps
- Significantly better motor-cooling

# Ø 100 mm



Technical data	Angle Grinder W 9-100	Angle Grinder WP 9-100
Grinding wheel Ø	100 mm	100 mm
Rated input power	900 W	900 W
Output power	550 W	550 W
No-load speed	10,500 /min	10,500 /min
Revolutions at rated load	7,500 /min	7,500 /min
Torque	2.5 Nm	2.5 Nm
Spindle threads	M 10	M 10
Weight (without mains cable)	2 kg	2.1 kg
Cable length	2.5 m	4 m

Scope of delivery	600350	600386
Order no.		
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	■
M-Quick flange nut		■
Side handle	■	■
Flat-pin spanners	■	

- Product advantages**
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
  - Low fatigue as never before: compact angle grinder with smallest handle circumference in its class for perfect ergonomics
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Tool-free adjustable guard; twist-proof
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

# Ø 115 mm



Technical data	Angle Grinder W 750-115	Angle Grinder W 850-115	Angle Grinder WP 850-115
Grinding wheel Ø	115 mm	115 mm	115 mm
Rated input power	750 W	850 W	850 W
Output power	450 W	530 W	530 W
No-load speed	11,000 /min	11,000 /min	11,000 /min
Revolutions at rated load	7,000 /min	7,000 /min	7,000 /min
Torque	1.7 Nm	1.9 Nm	1.9 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	1.8 kg	2 kg	1.9 kg
Cable length	2.5 m	2.5 m	2.5 m

Scope of delivery	601230 <sup>1) 2)</sup>	601232 <sup>1)</sup>	601234 <sup>1) 2)</sup>
Order no.			
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
Side handle	■	■	■
Flat-pin spanners	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Restart protection after power interruption
  - Paddle switch with dead man function: safe to operate due to an ergonomically integrated switch
  - Robust, universal and economical: ergonomic angle grinder for any application
  - Powerful motor with good overload capacity
  - Twist-proof guard
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

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# Ø 115 mm



Technical data	Angle Grinder W 9-115	Angle Grinder W 9-115 Quick	Angle Grinder WP 9-115 Quick
Grinding wheel Ø	115 mm	115 mm	115 mm
Rated input power	900 W	900 W	900 W
Output power	550 W	550 W	550 W
No-load speed	10,500 /min	10,500 /min	10,500 /min
Revolutions at rated load	7,500 /min	7,500 /min	7,500 /min
Torque	2.5 Nm	2.5 Nm	2.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg	2.1 kg
Cable length	2.5 m	4 m	4 m

Scope of delivery	600354 <sup>1) 2)</sup>	600371 <sup>1)</sup>	600380 <sup>1)</sup>
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
M-Quick flange nut		■	■
Side handle	■	■	■
Flat-pin spanners	■		

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Restart protection after power interruption
  - Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
  - Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
  - Low fatigue as never before: compact angle grinder with smallest handle circumference in its class for perfect ergonomics
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Tool-free adjustable guard; twist-proof
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

# Ø 125 mm



Technical data	Angle Grinder W 750-125	Angle Grinder W 850-125	Angle Grinder WP 850-125
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	750 W	850 W	850 W
Output power	450 W	530 W	530 W
No-load speed	11,000 /min	11,000 /min	11,000 /min
Revolutions at rated load	7,000 /min	7,000 /min	7,000 /min
Torque	1.7 Nm	1.9 Nm	1.9 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	1.8 kg	2 kg	1.9 kg
Cable length	2.5 m	2.5 m	2.5 m

Scope of delivery	601231	601233 <sup>1)</sup>	601235
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
Side handle	■	■	■
Flat-pin spanners	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

- Product advantages**
- Restart protection after power interruption
  - Paddle switch with dead man function: safe to operate due to an ergonomically integrated switch
  - Robust, universal and economical: ergonomic angle grinder for any application
  - Powerful motor with good overload capacity
  - Twist-proof guard
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder W 9-125	Angle Grinder W 9-125 Quick	Angle Grinder WP 9-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	900 W	900 W	900 W
Output power	550 W	550 W	550 W
No-load speed	10,500 /min	10,500 /min	10,500 /min
Revolutions at rated load	7,500 /min	7,500 /min	7,500 /min
Torque	2.5 Nm	2.5 Nm	2.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg	2.1 kg
Cable length	2.5 m	4 m	4 m

Scope of delivery	600376 <sup>1)</sup>	600374 <sup>1)</sup>	600384 <sup>1) 2)</sup>
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
M-Quick flange nut	■	■	■
Side handle	■	■	■
Flat-pin spanners	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Restart protection after power interruption
  - Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
  - Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
  - Low fatigue as never before: compact angle grinder with smallest handle circumference in its class for perfect ergonomics
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Tool-free adjustable guard; twist-proof
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder WEV 10-125 Quick	Angle Grinder WEA 10-125 Quick	Angle Grinder WP 1200-125 RT
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,000 W	1,000 W	1,200 W
Output power	590 W	590 W	720 W
No-load speed	2,800 - 10,500 /min	10,500 /min	11,000 /min
Revolutions at rated load	8,800 /min	8,800 /min	7,000 /min
Torque	2.7 Nm	2.7 Nm	3.2 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.1 kg	2.1 kg	2.4 kg
Cable length	4 m	4 m	4 m

Scope of delivery	600388 <sup>1) 2)</sup>	600389	601240 <sup>1) 2)</sup>
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
M-Quick flange nut	■	■	■
Side handle	■	■	■
Flat-pin spanners	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Thumbwheel controlled Vario-Constamatic (VC)-Full wave electronics ideal for working on materials requiring customised speeds, and at speeds which remain almost constant under load
  - Constamatic (C) Full-wave Electronics: fast work progress by means of almost constant speed under load
  - Best anti-vibration system: integrated Autobalancer compensates to deliver up to less 50% less hand-arm vibration.
  - Efficient and robust angle grinder with ergonomic soft handle for low-fatigue working, especially overhead
  - Powerful motor with good overload capacity
  - Deadman's switch for high user safety
  - Low fatigue as never before: compact angle grinder, and smallest handle circumference in its class for perfect ergonomics
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Electronic overload protection, soft start and restart protection
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Tool-free adjustable guard; twist-proof
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder W 12-125 Quick	Angle Grinder W 12-125 HD	Angle Grinder WP 12-125 Quick	Angle Grinder WPB 12-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm	125 mm
Rated input power	1,250 W	1,250 W	1,250 W	1,250 W
Output power	780 W	780 W	780 W	780 W
No-load speed	11,000 /min	9,600 /min	11,000 /min	11,000 /min
Revolutions at rated load	8,000 /min	8,800 /min	8,000 /min	8,000 /min
Torque	3.4 Nm	4.1 Nm	3.4 Nm	3.4 Nm
Spindle threads	M 14	M 14	M 14	M 14
Weight (without mains cable)	2.4 kg	2.5 kg	2.4 kg	2.6 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery

Order no.	600398 <sup>1) 2)</sup>	600408 <sup>1)</sup>	600414	600428 <sup>1)</sup>
Guard	■	■	■	■
Inner support flange	■	■	■	■
Nut with two holes		■		
M-Quick flange nut	■		■	■
Metabo VibraTech (MVT) side handle	■	■	■	■
Flat-pin spanners		■		

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

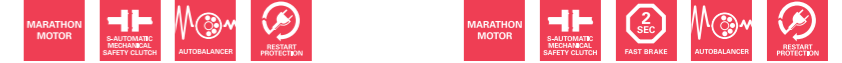
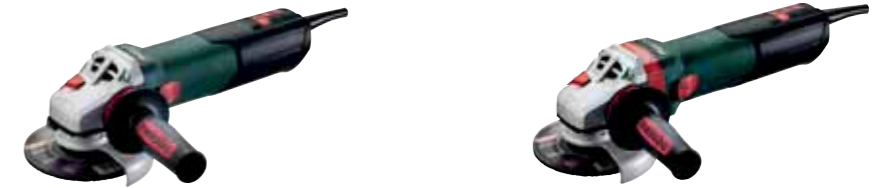
Product advantages

- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Aluminium flange for long service life using heavy accessories, e.g. diamond discs
- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Restart protection after power interruption
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Long service life for demanding applications: powerful and robust angle grinder with highest power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder WA 12-125 Quick	Angle Grinder WBA 12-125 Quick
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,250 W	1,250 W
Output power	780 W	780 W
No-load speed	11,000 /min	11,000 /min
Revolutions at rated load	8,000 /min	8,000 /min
Torque	3.4 Nm	3.4 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.4 kg	2.6 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600422 <sup>2)</sup>	600436
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Long service life for demanding applications: powerful and robust angle grinder with highest power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Restart protection after power interruption
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder WE 1500-125 RT	Angle Grinder WEV 1500-125 RT	Angle Grinder WEV 1500-125 Quick RT
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,500 W	1,500 W	1,500 W
Output power	900 W	900 W	900 W
No-load speed	11,000 /min	3,500 - 11,000 /min	3,500 - 11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min	11,000 /min
Torque	4.2 Nm	4.2 Nm	4.2 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.4 kg	2.4 kg	2.4 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	601241 <sup>2)</sup>	601243 <sup>1)</sup>	601243500 <sup>1)</sup>
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
»Quick« flange nut			■
Side handle	■	■	■
Flat-pin spanners	■	■	■
Plastic carry case			■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Powerful and robust angle grinder with ergonomic soft handle for low-fatigue working, especially overhead
- Powerful motor with good overload capacity
- Tool-free adjustable guard; twist-proof
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic soft start for smooth start-up
- Restart protection after power interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder WE 15-125 Quick	Angle Grinder WE 15-125 HD	Angle Grinder WEP 15-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,550 W	1,550 W	1,550 W
Output power	940 W	940 W	940 W
No-load speed	11,000 /min	9,600 /min	11,000 /min
Revolutions at rated load	11,000 /min	9,600 /min	11,000 /min
Torque	3.5 Nm	4.2 Nm	3.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600448 <sup>1)2)</sup>	600465 <sup>1)</sup>	600476 <sup>1)</sup>
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes		■	
M-Quick flange nut	■		■
Metabo VibraTech (MVT) side handle	■	■	■
Flat-pin spanners		■	

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Aluminium flange for long service life using heavy accessories, e.g. diamond discs
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130



Ø 125 mm



Technical data	Angle Grinder WEA 15-125 Quick	Angle Grinder WEVA 15-125 Quick	Angle Grinder WEV 15-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,550 W	1,550 W	1,550 W
Output power	940 W	940 W	940 W
No-load speed	11,000 /min	2,800 - 11,000 /min	2,800 - 11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min	11,000 /min
Torque	3.5 Nm	3.5 Nm	3.5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery	600492 <sup>2)</sup>	600496	600468 <sup>1)</sup>
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
  - Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
  - Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
  - Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
  - Tool-free adjustable guard; twist-proof
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level in the event the disc jams
  - Electronic overload protection, soft start and restart protection
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder WEV 15-125 Quick HT	Angle Grinder WEV 15-125 Quick Inox
Grinding wheel Ø	125 mm	125 mm
Rated input power	1,550 W	1,550 W
Output power	940 W	940 W
No-load speed	2,800 - 9,600 /min	2,000 - 7,600 /min
Revolutions at rated load	9,600 /min	7,600 /min
Torque	4.2 Nm	5 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg
Cable length	4 m	4 m

Scope of delivery	600562 <sup>1)</sup>	600572 <sup>1)</sup>
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

- Product advantages**
- Optimum processing of stone: robust, powerful angle grinder with gear reduction and reduced, adjustable speed for material-friendly working
  - Perfect processing of stainless steel: robust, powerful angle grinder with high gear reduction and adjustable reduced speed for cool finish
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
  - Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
  - Tool-free adjustable guard; twist-proof
  - Low-vibration side handle Metabo VibraTech (MVT)
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Electronic overload protection, soft start and restart protection
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

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Ø 125 mm



Technical data	Angle Grinder WE 17-125 Quick RT	Angle Grinder WEV 17-125 Quick RT	Angle Grinder WEV 17-125 Quick Inox RT
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,750 W	1,750 W	1,750 W
Output power	1,070 W	1,070 W	1,070 W
No-load speed	11,000 /min	2,800 - 11,000 /min	2,000 - 7,600 /min
Revolutions at rated load	11,000 /min	11,000 /min	7,600 /min
Torque	3.8 Nm	3.8 Nm	5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery	601086 <sup>1)</sup>	601089	601092
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

- Product advantages**
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
  - Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
  - The specialist with high torque and speed control for processing stainless steel and for working with aggressive fibre discs
  - Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
  - Metabo Marathon-motor with new cooling and carbon brush system for twice the service life
  - M-Quick System for tool-free disc change at the touch of a button
  - Tool-free adjustable guard; twist-proof
  - Low-vibration side handle Metabo VibraTech (MVT)
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Electronic soft start and restart protection
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

Ø 125 mm



Technical data	Angle Grinder WE 17-125 Quick	Angle Grinder WEV 17-125 Quick	Angle Grinder WEA 17-125 Quick
Grinding wheel Ø	125 mm	125 mm	125 mm
Rated input power	1,700 W	1,700 W	1,700 W
Output power	1,040 W	1,040 W	1,040 W
No-load speed	11,000 /min	2,800 - 11,000 /min	11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min	11,000 /min
Torque	3.7 Nm	3.7 Nm	3.7 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg	2.5 kg
Cable length	4 m	4 m	4 m

Scope of delivery	600515 <sup>2)</sup>	600516	600534
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
  - Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
  - Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
  - Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
  - Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
  - Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
  - Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
  - Tool-free adjustable guard; twist-proof
  - Low-vibration side handle Metabo VibraTech (MVT)
  - Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
  - Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
  - Electronic overload protection, soft start and restart protection
  - Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

Ø 125 mm



Technical data

Angle Grinder  
WEBA 17-125 Quick

Angle Grinder  
WEPBA 17-125 Quick

Grinding wheel Ø	125 mm	125 mm
Rated input power	1,700 W	1,700 W
Output power	1,040 W	1,040 W
No-load speed	11,000 /min	11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min
Torque	3.7 Nm	3.7 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.7 kg	2.7 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600514	600548 <sup>1) 2)</sup>
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Paddle switch with dead man function: safe to operate due to an ergonomically integrated non-slip switch
- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Fastest brake system for highest user safety: patented, mechanical disc brake stops the disc within 2 seconds after switching off, even in the event of a power cut
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories ▶ 130

Ø 125 mm



Technical data

Angle Grinder  
WEPBA 17-125 Quick DS

Angle Grinder  
WEPBA 17-125 Quick RT

Grinding wheel Ø	125 mm	125 mm
Rated input power	1,700 W	1,750 W
Output power	1,040 W	1,070 W
No-load speed	11,000 /min	11,000 /min
Revolutions at rated load	11,000 /min	11,000 /min
Torque	3.7 Nm	3.8 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.7 kg	2.7 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600549 <sup>1)</sup>	601097 <sup>2)</sup>
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Steel ring to accommodate the carabiner secures the angle grinder against falling when working at great heights
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Reduced vibrations for low-fatigue working thanks to Metabo VibraTech (MVT) side handle and integrated Auto-balancer
- Highest degree of user safety thanks to patented, mechanical disc brake and deadman's switch: disc stop in 2 seconds after releasing even in case of a power cut
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Electronic soft start and restart protection
- Auto-stop carbon brushes to protect the motor

System components

Accessories ▶ 130

Ø 150 mm



Technical data	Angle Grinder W 12-150 Quick	Angle Grinder WE 1500-150 RT
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,250 W	1,500 W
Output power	780 W	900 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	7,000 /min	9,600 /min
Torque	3.8 Nm	5 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.5 kg	2.4 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600407 <sup>1)</sup>	601242 <sup>1)</sup>
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	■
M-Quick flange nut	■	■
Side handle	■	■
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

Product advantages

- Long service life for demanding applications: powerful and robust angle grinder with highest power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Powerful and robust angle grinder with ergonomic soft handle for low-fatigue working, especially overhead
- Powerful motor with good overload capacity
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Electronic soft start for smooth start-up
- Tool-free adjustable guard; twist-proof
- Restart protection after power interruption
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 150 mm



Technical data	Angle Grinder WE 15-150 Quick	Angle Grinder WEP 15-150 Quick
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,550 W	1,550 W
Output power	940 W	940 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	3.9 Nm	3.9 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.6 kg	2.6 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	600464 <sup>1)</sup>	600488 <sup>1)</sup>
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

Product advantages

- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor
- Paddle switch with dead man function: safe to operate due to an ergonomically integrated switch

System components

Accessories → 130

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Ø 150 mm



Technical data

	Angle Grinder WEA 15-150 Quick	Angle Grinder WEVA 15-150 Quick	Angle Grinder WEV 15-150 Quick
Grinding wheel Ø	150 mm	150 mm	150 mm
Rated input power	1,550 W	1,550 W	1,550 W
Output power	940 W	940 W	940 W
No-load speed	9,600 /min	2,800 - 9,600 /min	2,800 - 9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min	9,600 /min
Torque	3.9 Nm	3.9 Nm	3.9 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.6 kg	2.6 kg	2.6 kg
Cable length	4 m	4 m	4 m

Scope of delivery

Order no.	600493	600506	600472
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

Product advantages

- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Highest service life for extreme applications: robust, powerful angle grinder with maximum power density in its class for quick work progress
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tool free, fast disc change at the touch of a button with the Metabo M-Quick-System
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic overload protection, soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

Ø 150 mm



Technical data

	Angle Grinder WE 17-150 Quick RT	Angle Grinder WEA 17-150 Quick
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,750 W	1,700 W
Output power	1,070 W	1,040 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	4.4 Nm	4.3 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.5 kg	2.5 kg
Cable length	4 m	4 m

Scope of delivery

Order no.	601087	600535
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

Product advantages

- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Electronic soft start and restart protection
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Electronic overload protection, soft start and restart protection
- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Low-vibration side handle Metabo VibraTech (MVT)
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories → 130

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Ø 150 mm



Technical data	Angle Grinder WEPBA 17-150 Quick	Angle Grinder WEPBA 17-150 Quick RT
Grinding wheel Ø	150 mm	150 mm
Rated input power	1,700 W	1,750 W
Output power	1,040 W	1,070 W
No-load speed	9,600 /min	9,600 /min
Revolutions at rated load	9,600 /min	9,600 /min
Torque	4.3 Nm	4.4 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.8 kg	2.8 kg
Cable length	4 m	4 m

Scope of delivery	600552 <sup>1) 2)</sup>	601098
Order no.	600552 <sup>1) 2)</sup>	601098
Guard	■	■
Inner support flange	■	■
M-Quick flange nut	■	■
Metabo VibraTech (MVT) side handle	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)

<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Electronic overload protection, soft start and restart protection
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Electronic soft start and restart protection
- Maximum productivity: 1,700 Watt angle grinder with the power of a large grinder and the compactness of a small one for quickest material removal on industrial applications
- Longer service life, more power: the Metabo Marathon-motor with patented dust protection, up to 20% more overload capacity and 50% more torque
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Reduced vibrations for low-fatigue working thanks to Metabo VibraTech (MVT) side handle and integrated Auto-balancer
- Highest degree of user safety thanks to patented, mechanical disc brake and deadman's switch: disc stop in 2 seconds after releasing even in case of a power cut
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories ▶ 130

Ø 180 mm



Technical data	Angle Grinder WE 19-180 Quick RT	Angle Grinder WEA 19-180 Quick RT	Angle Grinder WEPBA 19-180 Quick RT
Grinding wheel Ø	180 mm	180 mm	180 mm
Rated input power	1,900 W	1,900 W	1,900 W
Output power	1,240 W	1,240 W	1,240 W
No-load speed	8,200 /min	8,200 /min	8,200 /min
Revolutions at rated load	8,200 /min	8,200 /min	8,200 /min
Torque	5 Nm	5 Nm	5 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	2.7 kg	2.7 kg	2.9 kg
Cable length	4 m	4 m	4 m

Scope of delivery	601088	601095	601099 <sup>2)</sup>
Order no.	601088	601095	601099 <sup>2)</sup>
Guard	■	■	■
Inner support flange	■	■	■
M-Quick flange nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■

<sup>2)</sup> also available in 110 V (UK)

Product advantages

- Low-vibration side handle Metabo VibraTech (MVT)
- Highest degree of user safety thanks to patented, mechanical disc brake and deadman's switch: disc stop in 2 seconds after releasing even in case of a power cut
- Reduced vibrations for low-fatigue working thanks to Metabo VibraTech (MVT) side handle and integrated Auto-balancer
- The most powerful one with full 1,900 Watt for industrial processing of weld seams and a cutting depth like a large angle grinder (Ø 230 mm) with only half the weight
- Perfect ergonomics thanks to slim handle for maximum control and easy working overhead
- Metabo Marathon-motor with new cooling and carbon brush system for twice the service life
- Tacho Constamatic (TC) Full-wave Electronics: fast work progress by means of constant speed under load
- M-Quick System for tool-free disc change at the touch of a button
- Tool-free adjustable guard; twist-proof
- Metabo S-automatic mechanical safety clutch: minimises kick-back to the lowest level when the disc jams unexpectedly - for maximum user safety and swift progress
- Electronic soft start and restart protection
- Gear housing can be unscrewed, rotated in 90° steps and remounted for left-handed operation or cutting
- Auto-stop carbon brushes to protect the motor

System components

Accessories ▶ 130

# Large angle grinders from Metabo: The right choice for continuous industrial operation.

Regardless of whether it's prolonged roughing work or heavy cutting work, e.g. plunge cuts into 30 mm solid material: Metabo's large angle grinders with their powerful marathon-motors won't let you down. For maximum safety and optimal handling the main handle can be twisted: helpful when cutting.

**ELECTRONIC SAFETY CLUTCH**

**Minimal kick-back – maximum control**  
Electronic safety shutdown for reduced kickback if the disc jams

**MARATHON MOTOR**

**Metabo Marathon-motor**

- Patented dust protection
- Up to 20% more overload capacity
- Up to 50 % more torque



**QUICK**

**Fast, easy disc change**  
with quick-locking nut

**DEADMAN SWITCH**

**Low-fatigue roughing**

- Switch with dead man function
- Switches off the machine immediately if control is lost

**AUTOBALANCER**

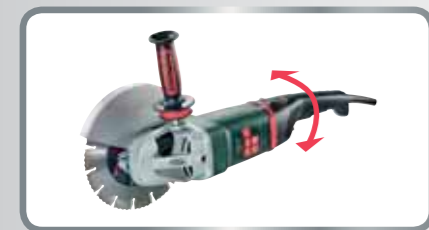
**Low-fatigue roughing**

- Thanks to integrated Autobalancer
- Thanks to Metabo VibraTech (MVT) damping system and side handle

For up to 50% less vibration and halve the disc consumption

**MVTA**

WEA 26-230 MVT Quick



**Twist handle for safe cutting**  
Rotating main handle for more safety and better handling when cutting up to 65 mm



**Change accessories quickly and easily**  
»Quick« flange nut for changing cutting or grinding discs without flat-pin spanner, meaning you can work without interruption



**The right disc for every application**  
Large range of diamond cutting discs as well as cutting and roughing discs



## Ø 180 mm

Technical data	Angle Grinder W 22-180 MVT	Angle Grinder W 24-180 MVT	Angle Grinder WE 22-180 MVT	Angle Grinder WE 24-180 MVT
Grinding wheel Ø	180 mm	180 mm	180 mm	180 mm
Rated input power	2,200 W	2,400 W	2,200 W	2,400 W
Output power	1,500 W	1,600 W	1,500 W	1,600 W
No-load speed	8,500 /min	8,500 /min	8,500 /min	8,500 /min
Revolutions at rated load	5,800 /min	5,800 /min	5,800 /min	5,800 /min
Torque	11 Nm	14 Nm	11 Nm	14 Nm
Spindle threads	M 14	M 14	M 14	M 14
Weight (without mains cable)	5.7 kg	5.7 kg	5.7 kg	5.7 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery	606461 <sup>2)</sup>	606466 <sup>1)</sup>	606463	606468
Order no.	606461 <sup>2)</sup>	606466 <sup>1)</sup>	606463	606468
Guard	■	■	■	■
Inner support flange	■	■	■	■
Nut with two holes	■	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■	■
Flat-pin spanners	■	■	■	■

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

### Product advantages

- Dead man switch for high user protection (optional)
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

### System components

Accessories → 130



Ø 180 mm

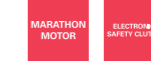
Technical data	Angle Grinder WEA 24-180 MVT Quick	Angle Grinder W 26-180 MVT
Grinding wheel Ø	180 mm	180 mm
Rated input power	2,400 W	2,600 W
Output power	1,600 W	1,800 W
No-load speed	8,500 /min	8,500 /min
Revolutions at rated load	5,800 /min	6,000 /min
Torque	14 Nm	17 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	5.8 kg	6.2 kg
Cable length	4 m	4 m

Scope of delivery	606471	606473
Order no.	606471	606473
Guard	■	■
Inner support flange	■	■
Nut with two holes	■	■
Quick-locking nut	■	■
Metabo VibraTech (MVT) side handle	■	■
Flat-pin spanners	■	■

- Product advantages**
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
  - Starting current limitation prevents the actuation of the lock on start-up
  - Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
  - Electronic overload protection and restart protection
  - LED signal indicates triggered restart protection or overheating
  - Metabo Quick for tool-free disc change by means of a quick-locking nut
  - Dead man switch for high user protection (optional)
  - Metabo Marathon-motor with patented dust protection for long service life
  - Metabo safety switch prevents unintentional start
  - Tool-free adjustable guard; twist-proof
  - Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
  - Side handle can be mounted in three positions
  - Rotating main handle: high safety and better handling when cutting
  - Auto-stop carbon brushes to protect the motor

System components

Accessories → 130



Ø 230 mm

Technical data	Angle Grinder W 22-230 MVT	Angle Grinder WE 22-230 MVT	Angle Grinder WE 22-230 MVT Quick
Grinding wheel Ø	230 mm	230 mm	230 mm
Rated input power	2,200 W	2,200 W	2,200 W
Output power	1,500 W	1,500 W	1,500 W
No-load speed	6,600 /min	6,600 /min	6,600 /min
Revolutions at rated load	4,600 /min	4,600 /min	4,600 /min
Torque	14 Nm	14 Nm	14 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	5.8 kg	5.8 kg	5.8 kg
Cable length	4 m	4 m	4 m

Scope of delivery	606462 <sup>2)</sup>	606464	606465
Order no.	606462 <sup>2)</sup>	606464	606465
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
Quick-locking nut	■	■	■
Metabo VibraTech (MVT) side handle	■	■	■
Flat-pin spanners	■	■	■

<sup>2)</sup> also available in 110 V (UK)

- Product advantages**
- Dead man switch for high user protection (optional)
  - Metabo Quick for tool-free disc change by means of a quick-locking nut
  - Starting current limitation prevents the actuation of the lock on start-up
  - Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
  - Electronic overload protection and restart protection
  - LED signal indicates triggered restart protection or overheating
  - Metabo Marathon-motor with patented dust protection for long service life
  - Metabo safety switch prevents unintentional start
  - Tool-free adjustable guard; twist-proof
  - Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
  - Side handle can be mounted in three positions
  - Rotating main handle: high safety and better handling when cutting
  - Auto-stop carbon brushes to protect the motor

System components

Accessories → 130





Ø 230 mm

Technical data	Angle Grinder W 24-230 MVT	Angle Grinder WE 24-230 MVT	Angle Grinder WE 24-230 MVT Quick	Angle Grinder WEA 24-230 MVT Quick
Grinding wheel Ø	230 mm	230 mm	230 mm	230 mm
Rated input power	2,400 W	2,400 W	2,400 W	2,400 W
Output power	1,600 W	1,600 W	1,600 W	1,600 W
No-load speed	6,600 /min	6,600 /min	6,600 /min	6,600 /min
Revolutions at rated load	4,600 /min	4,600 /min	4,600 /min	4,600 /min
Torque	17 Nm	17 Nm	17 Nm	17 Nm
Spindle threads	M 14	M 14	M 14	M 14
Weight (without mains cable)	5.8 kg	5.8 kg	5.8 kg	5.9 kg
Cable length	4 m	4 m	4 m	4 m

Scope of delivery	606467 <sup>1)</sup>	606469 <sup>2)</sup>	606470	606472
Guard	■	■	■	■
Inner support flange	■	■	■	■
Nut with two holes	■	■	■	■
Quick-locking nut			■	■
Metabo VibraTech (MVT) side handle	■	■	■	■
Flat-pin spanners	■	■		

<sup>1)</sup> also available in 120 V (North/Latin America)  
<sup>2)</sup> also available in 110 V (UK)

**Product advantages**

- Dead man switch for high user protection (optional)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130



Ø 230 mm

Technical data	Angle Grinder W 26-230 MVT	Angle Grinder WE 26-230 MVT Quick	Angle Grinder WEA 26-230 MVT Quick
Grinding wheel Ø	230 mm	230 mm	230 mm
Rated input power	2,600 W	2,600 W	2,600 W
Output power	1,800 W	1,800 W	1,800 W
No-load speed	6,600 /min	6,600 /min	6,600 /min
Revolutions at rated load	4,800 /min	4,800 /min	4,800 /min
Torque	18 Nm	18 Nm	18 Nm
Spindle threads	M 14	M 14	M 14
Weight (without mains cable)	6.3 kg	6.3 kg	6.4 kg
Cable length	4 m	4 m	4 m

Scope of delivery	606474 <sup>1)</sup>	606475	606476
Guard	■	■	■
Inner support flange	■	■	■
Nut with two holes	■	■	■
Quick-locking nut		■	■
Metabo VibraTech (MVT) side handle	■	■	■
Flat-pin spanners	■		

<sup>1)</sup> also available in 120 V (North/Latin America)

**Product advantages**

- Dead man switch for high user protection (optional)
- Best anti-vibration system: integrated auto-balancer for up to 50% less hand-arm vibrations, longer service life of the machine and up to twice the service life of the grinding wheels
- Starting current limitation prevents the actuation of the lock on start-up
- Electronic safety shutdown: reduces kickback if the disc stops unexpectedly - for high user safety
- Electronic overload protection and restart protection
- LED signal indicates triggered restart protection or overheating
- Metabo Quick for tool-free disc change by means of a quick-locking nut
- Metabo Marathon-motor with patented dust protection for long service life
- Metabo safety switch prevents unintentional start
- Tool-free adjustable guard; twist-proof
- Metabo VibraTech (MVT): integrated damping system and side handle to reduce vibrations in order to protect the user's health
- Side handle can be mounted in three positions
- Rotating main handle: high safety and better handling when cutting
- Auto-stop carbon brushes to protect the motor

**System components**

Accessories → 130

# Cutting and roughing 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

**»M-Calibur«**

**Premium CER quality**

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

**CER**

# Cutting and roughing discs: Powerful and robust.

The quality of cutting and roughing discs depends on several things: The grain (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 roughing 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.

**Metabo product line** Flexiamant super

**Dimension** 230 x 2,5 x 22,23 mm  
9 x 3/32 x 7/8"

**Max. permitted speed** 6.600 min<sup>-1</sup>  
max. 80 m/s

**Maximum working speed**

**Order number** 616115

**Metal ring with expiry date**

**Clear information on the suitable materials**

**Specifications**  
See below

**Safety notes**

- Use ear defenders
- Use goggles
- Use dust mask
- Use protective gloves
- Limitations of usage

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

## 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, clinker brick etc.
	Pipeline

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

<p><b>Specification</b> The combination of letters and numbers is the genetic code of the grinding wheel.</p> <p><b>Abrasive</b> A ■ For general processing of metal ZA ■ Special discs for metal processing</p> <p><b>C Silicon carbide</b> ■ For processing stone</p> <p><b>CA Ceramic</b> ■ Special discs for processing stainless steel and metal</p>	<p><b>Grit</b> 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</p> <p><b>Hardness</b> The hardness of a grinding tool is coded alphabetically: ABC ... NOP ... RST ... Z Very soft Soft hard Very hard</p> <p><b>Shape</b> Shape 41: straight version Shape 42/27: offset version</p>	<p><b>Bonding</b> <b>B Resinoid bonding</b> ■ Permitted for a circumferential speed of up to 50 m/s <b>BF Glass-fibre reinforced resinoid bonding</b> ■ Permitted for a circumferential speed of up to 80 m/s</p> <p><b>Example: A 24-N-BF</b> A Aluminium Oxide 24 Grit N Hard disc BF Glass-fibre reinforced resinoid bonding ■ A disc of this type cuts well and has a good service life when working with steel.</p>
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Which disc is suitable for which application?

Legend	Cutting discs for																		Grinding discs for																			
	Hand-held angle grinders																		Hand operated cutting machines (petrol)				Table mounted chop saws				Stationary cutting machines				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	C 30-S	C 60-T	A 24-N	C 24-N	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									
<b>Novoflex</b> Good cutting performance/tool life																																						
<b>Flexiamant</b> High cutting performance/tool life																																						
<b>Flexiamant super</b> Very high cutting output/tool life																																						
<ul style="list-style-type: none"> <li>■ highly suitable</li> <li>□ partially suitable.</li> </ul> (The exclusive use of these materials will result in reduced service life or reduced cutting capacity)																																						
Material/application	M-Calibur Steel/Inox	Novoflex steel	Flexiamant steel	Flexiamant super steel	Flexiamant super steel	Novorapid Inox	Flexiamant Inox	Flexiarapid Inox	Flexiarapid super Inox	Combinator	Flexiarapid Alu	Novoflex stone	Flexiamant super stone	Flexiamant super stone	Flexiamant super steel	Flexiamant super stone	Flexiamant super steel	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 roughing discs »M-Calibur« for steel and stainless steel.



»M-Calibur« grinding discs with special ceramics abrasive grain technology and bonding for highest productivity and work progress in steel and stainless steel



- 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 roughing disc »M-Calibur« (up to 3x the removal than standard roughing 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

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Cutting and Grinding Accessories

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.
 <p><b>Quality class A 60-R / A 46 R »Novorapid« Steel</b></p> <ul style="list-style-type: none"> <li>Quality Novorapid: powerful entry-level class</li> <li>Thin cutting disc for general processing of metal, especially for thin-walled materials such as pipes, metal sheets, profiles, wires etc.</li> <li>Good cutting performance with good tool life.</li> <li>Hardness: medium-hard</li> <li>Low material consumption, power-saving, low machine load</li> <li>Maximum working speed: 80 m/s</li> </ul>					
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
 <p><b>Quality class A 30 »Novoflex« steel</b></p> <ul style="list-style-type: none"> <li>Quality Novoflex: powerful entry-level class</li> <li>Hardness: medium-hard</li> <li>Universal use in metal processing</li> <li>Good cutting performance with good tool life.</li> <li>Maximum working speed 80 m/s</li> </ul>					
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
 <p><b>Quality class A 30-R »Flexiamant« Steel</b></p> <ul style="list-style-type: none"> <li>Universal disc for complete metal processing</li> <li>Hardness: medium</li> <li>High cutting output with good tool life</li> <li>Uniform in cutting output and tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
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.
 <p><b>Quality class A 60-T / A 46-T »Flexiamant Super« steel</b></p> <ul style="list-style-type: none"> <li>Thin high output cutting disc especially for thin materials such as metal sheets, pipes, profiles, wires</li> <li>Hardness: hard</li> <li>Very high cutting output with good tool life</li> <li>Low material consumption, power-saving, low machine load</li> <li>Maximum working speed 80 m/s</li> </ul>					
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
 <p><b>Quality class A 36-T »Flexiamant Super« steel</b></p> <ul style="list-style-type: none"> <li>Universal disc for complete metal processing</li> <li>Hardness: hard</li> <li>Extremely high cutting output with good tool life by using special corundums</li> <li>Best results using powerful angle grinders</li> <li>Maximum working speed 80 m/s</li> </ul>					
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
 <p><b>Quality class A 46-T »Novorapid« Inox</b></p> <ul style="list-style-type: none"> <li>Quality Novorapid: powerful entry-level class</li> <li>Thin cutting disc for processing rust-free, thin-walled materials such as pipes, sheeting, profiles, wires etc. as well as for general metalworking</li> <li>Good cutting performance with good tool life.</li> <li>Hardness: hard</li> <li>Low material consumption, power-saving, low machine load</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)</li> <li>Maximum working speed: 80 m/s</li> </ul>					
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 Novorapid	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
 <p><b>Quality class A 30-P »Flexiamant« Inox</b></p> <ul style="list-style-type: none"> <li>Universal disc for processing stainless steels</li> <li>Hardness: soft</li> <li>High cutting output with good tool life</li> <li>Low in iron and sulphur &lt;0.1%</li> <li>Maximum working speed 80 m/s</li> </ul>					
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

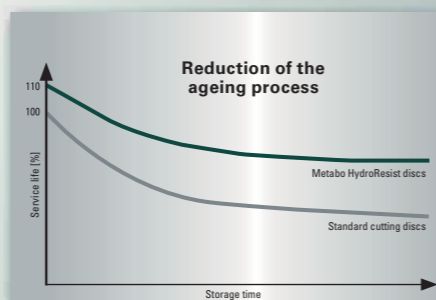
Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 <p><b>Quality class A 60-R / A 46-R / A 30-R »Flexiarapid« Inox</b></p> <ul style="list-style-type: none"> <li>Thin high-output cutting disc especially for stainless, thin-walled materials such as pipes, metal sheets, profiles, wires</li> <li>Hardness: hard</li> <li>Very high cutting output with good tool life by using special corundums</li> <li>Low material consumption, power-saving, low machine load.</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)</li> <li>Maximum working speed 80 m/s</li> <li>A 60-R with 1 mm thickness; A 46-R with 1.6 mm thickness; A 30-R with 1.9 mm thickness</li> </ul>					
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 46-R	125 x 2 x 22.23	—	12,200	1/25	616179000
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




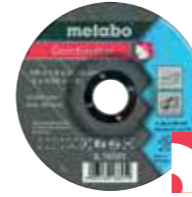



**New durable miracle: Flexiarapid Super/Combinator cutting discs with HydroResist formula**

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.
 <p><b>Quality class A 36-U / A 46-U / A 60-U »Flexiarapid Super« Inox HydroResist</b></p> <ul style="list-style-type: none"> <li>The super-thin high-output disc especially for processing stainless steel</li> <li>Super quick with very long service life thanks to the use of special corundums</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)</li> <li>For all rust and acid resistant steels (V2A, Nirosta, INOX), spring steels, tool steels</li> <li>For use in the manufacture of vehicles, containers, car bodies, switch cabinets etc.</li> <li>Cutting discs for quiet, precise cutting, cuts without burrs</li> <li>Hardness: hard</li> <li>Maximum working speed 80 m/s</li> </ul>					
A 60-U	105 x 1 x 16	—	15,300	1/25	616210000
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 46-U	180 x 1.6 x 22.23	—	8,500	1/25	616226000
A 46-U	180 x 1.6 x 22.23	—	8,500	1/25	616227000
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


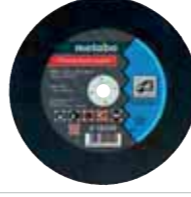
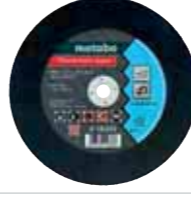
Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 <p><b>Quality class A 46-U »Combinator« Inox HydroResist</b></p> <ul style="list-style-type: none"> <li>One grinding wheel for two applications: quick cutting, and easy deburring and sanding</li> <li>All-purpose use for processing stainless steel and for general metal work</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)</li> <li>Hardness: hard</li> <li>Reduces labour costs by saving on set-up time</li> <li>Eliminates time-consuming disc changes during mobile use.</li> <li>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)</li> <li>Maximum working speed: 80 m/s</li> </ul>					
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
 <p><b>Quality class CA 46-U »M-Calibur« Inox</b></p> <ul style="list-style-type: none"> <li>The latest generation of cutting discs with ceramic abrasive grain</li> <li>Maximum cutting performance with extremely high tool life thanks to using ceramic special corundum and new bonding</li> <li>Highest productivity and work progress</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)</li> <li>For all rust and acid resistant steels (V2A, Nirosta, INOX), high-alloy steels, spring steels, tool steels.</li> <li>Hardness: hard</li> <li>Maximum working speed 80 m/s</li> </ul>					
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
 <p><b>Quality class A 60-P / A 46 P »Flexiarapid« Alu</b></p> <ul style="list-style-type: none"> <li>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</li> <li>Hardness: medium-hard</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 80 m/s</li> <li>Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!</li> </ul>					
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
 <p><b>Quality class A 30-O »Flexiamant Super« Alu</b></p> <ul style="list-style-type: none"> <li>Universal disc with open structure for processing non-ferrous metals such as aluminium, copper, brass, bronze ...</li> <li>Hardness: soft</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 80 m/s</li> <li>Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!</li> </ul>					
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	180 x 3 x 22.23	—	8,500	1/25	616122000
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.
 <p><b>Quality class C 30 »Novoflex« stone</b></p> <ul style="list-style-type: none"> <li>Quality Novoflex: powerful entry-level class</li> <li>Hardness: medium</li> <li>For universal use for processing natural and artificial stone</li> <li>Good cutting performance with good tool life.</li> <li>Maximum working speed 80 m/s</li> </ul>	C 30	115 x 2.5 x 22.23	—	13,300	1/25	616455000
	C 30	125 x 2.5 x 22.23	—	12,200	1/25	616428000
	C 30	150 x 3 x 22.23	—	10,200	1/25	616449000
	C 30	180 x 3 x 22.23	—	8,500	1/25	616458000
	C 30	230 x 3 x 22.23	—	6,600	1/25	616453000
	C 30	230 x 3 x 22.23	—	6,600	1/25	616479000
 <p><b>Quality class C 30-S »Flexiamant Super« stone</b></p> <ul style="list-style-type: none"> <li>Universal disc for processing natural and artificial stone</li> <li>Hardness: medium</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>	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
 <p><b>Quality class C 60-T »Flexiamant Super« stone</b></p> <ul style="list-style-type: none"> <li>Super thin special disc for processing tiles, ceramics, clinkers etc.</li> <li>Hardness: hard</li> <li>Very high cutting output with above average tool life</li> <li>Quick cutting time, less cutting wastage, cleaner cutting edges</li> <li>Maximum working speed 80 m/s</li> </ul>	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



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.
 <p><b>Quality class A 24-N »Flexiamant Super« steel</b></p> <ul style="list-style-type: none"> <li>For use in all steel processing applications, also for cast materials</li> <li>Hardness: medium</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 80 m/s</li> <li>Cutting discs with 3 inside fabrics due to the increased side load with gasoline cutters</li> </ul>	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
	 <p><b>Quality class C 24-N »Flexiamant Super« stone</b></p> <ul style="list-style-type: none"> <li>For processing natural and artificial stone, non-ferrous metals</li> <li>Hardness: medium</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 80 m/s</li> <li>Cutting discs with 3 inside fabrics due to the increased side load with gasoline cutters</li> </ul>	C 24-N	300 x 3.5 x 20	—	5,090	1/10
C 24-N		300 x 3.5 x 22.23	—	5,090	1/10	616155000






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.
 <p><b>Quality class A 30-R / A 36-S »Flexiamant Super« steel</b></p> <ul style="list-style-type: none"> <li>Good cutting output with good tool life in steel</li> <li>Tough version for powerful machines (machine load &gt; 3 KW)</li> <li>A 36-S: with an inside gauze for quick cuts</li> <li>Maximum working speed 80 m/s</li> </ul>	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
 <p><b>Quality class A 24-M »Flexiamant Super« Steel</b></p> <ul style="list-style-type: none"> <li>High cutting output with good tool life in steel</li> <li>Soft version for less powerful machines (machine load &lt;3 KW)</li> <li>Maximum working speed 80 m/s</li> </ul>	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
 <p><b>Quality class A 36-R »Flexiamant Super« Inox</b></p> <ul style="list-style-type: none"> <li>Medium-hard special cutting disc for stainless steel</li> <li>High cutting output with good tool life</li> <li>Low in iron and sulphur &lt;0.1%</li> <li>Maximum working speed 80 m/s</li> <li>Medium hard version for less powerful machines (machine load &lt;3 KW)</li> </ul>	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.
 <p><b>Quality class A 30-S »Flexiamant Super« steel</b></p> <ul style="list-style-type: none"> <li>Universal use in metal processing</li> <li>Hardness: hard</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 100 m/s</li> <li>For powerful machines (machine load &gt; 5 KW)</li> </ul>	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
	A 30-S	350 x 4 x 22.23	—	5,460	1/10	616201000
	 <p><b>Quality class C 30-S »Flexiamant Super« stone</b></p> <ul style="list-style-type: none"> <li>Universal use for processing natural and artificial stone</li> <li>Also suitable for processing non-ferrous metals</li> <li>Hardness: hard</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 100 m/s</li> <li>For powerful machines (machine load &gt; 5 KW)</li> </ul>	C 30-S	300 x 3 x 25.4	—	6,365	1/10
C 30-S		350 x 3.5 x 25.4	—	5,460	1/10	616213000

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.
	<b>Quality class A 24 »Novoflex« steel</b>					
	<ul style="list-style-type: none"> <li>Quality Novoflex: powerful entry-level class</li> <li>Hardness: medium-hard</li> <li>Universal use in metal processing</li> <li>Good material removal with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
	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	
	<b>Quality class A 24-N »Flexiamant« Steel</b>					
	<ul style="list-style-type: none"> <li>Universal disc for all metal processing requirements</li> <li>Hardness: medium</li> <li>High cutting output with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
	A 24-N	100 x 6 x 16	—	15,300	1/25	616745000
	A 24-N	115 x 4 x 22.23	—	13,300	1/25	616736000
	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
	<b>Quality class A 24-T »Flexiamant Super« Steel</b>					
	<ul style="list-style-type: none"> <li>Universal disc for all metal processing requirements</li> <li>Especially suitable for deburring and grinding edges, also for cast processing</li> <li>Hardness: hard</li> <li>Good material removal with extremely good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
	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	180 x 7.2 x 22.23	—	8,500	1/10	616276000
A 24-T	230 x 6 x 22.23	—	6,600	1/10	616279000	
	<b>Quality class A 46 P »Flexiamant Super FKS« Inox</b>					
	<ul style="list-style-type: none"> <li>Special grinding disc for processing fillet welds in stainless steel and steel, thanks to a high finish quality. Other application examples: Processing of weld seams, deburring, grinding of corners and edges</li> <li>Particularly suited for front facing working with the Metabo flat-head angle grinders</li> <li>Clean cut with high material removal ensures excellent cutting output</li> <li>Different grain levels can be selected - additional fine grinding can consequently be omitted</li> <li>The grinding disc has a sectioned rim, therefore best-suited for the individual processing of the material</li> <li>Suitable for rust and acid resistant steels (V2A, Nirosta, INOX), highly solid, high-alloy steels, hardened steels, construction steels, grey cast iron</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)/hardness: medium</li> <li>Maximum working speed 80 m/s</li> </ul>					
	A 46 P / 40	125 x 4 x 22.23	—	12,200	1/10	616197000
	A 46 P / 60	125 x 4 x 22.23	—	12,200	1/10	616198000
	A 46 P / 40	150 x 4 x 22.23	—	10,200	1/10	616199000
	A 46 P / 60	150 x 4 x 22.23	—	10,200	1/10	616200000



	Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.
	<b>Quality class A 36-O »Flexiamant Super« Inox</b>					
	<ul style="list-style-type: none"> <li>Special disc for processing stainless steels</li> <li>Low in iron and sulphur &lt;0.1%</li> <li>Hardness: soft</li> <li>Very good material removal with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
	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	
	<b>Quality class CA 36 O »M-Calibur« Inox</b>					
	<ul style="list-style-type: none"> <li>The latest generation of grinding discs with ceramic grinding media</li> <li>Maximum material removal with extremely high tool life thanks to special ceramic corundum with new bonding</li> <li>Highest productivity and work progress</li> <li>Low in iron, sulphur and chlorine (Fe + S + Cl ≤ 0.1 %)</li> <li>For all rust and acid resistant steels (V2A, Nirosta, INOX), high-alloy steels, spring steels, tool steels.</li> <li>Maximum working speed: 80 m/s</li> <li>Hardness: medium-hard</li> </ul>					
	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
	<b>Quality class A 36-M »Flexiamant Super« Alu</b>					
	<ul style="list-style-type: none"> <li>Special disc with open structure for high material removal and good tool life</li> <li>Hardness: soft</li> <li>Best suited for processing lubricating materials such as aluminium, bronze, copper, brass</li> <li>Maximum working speed 80 m/s</li> <li>Attention: Good extraction is obligatory in closed rooms, as highly concentrated aluminium dust can lead to explosions!</li> </ul>					
	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	150 x 6 x 22.23	—	10,200	1/25	616754000
	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
	<b>Quality class C 24-N »Flexiamant Super« stone</b>					
	<ul style="list-style-type: none"> <li>Special disc for rough grinding on concrete, natural and artificial stone</li> <li>Hardness: soft</li> <li>High material removal with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
	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
	<b>Quality class ZA 24-T »Flexiamant Super« pipeline</b>					
	<ul style="list-style-type: none"> <li>Special disc for pipeline and container construction</li> <li>Welded seam processing in front facing grinding</li> <li>Grinding out welding faults</li> <li>Hardness: hard</li> <li>Very good material removal with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>					
	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

Quality class	Diameter x thickness x bore mm	Version	Maximum speed /min	Sales unit / packing unit	Order no.	
 <p><b>Quality class ZA 24-T »Flexiamant Super« cast</b></p> <ul style="list-style-type: none"> <li>Especially for processing different cast materials</li> <li>Suitable for surface grinding, processing of weld seams, chamfering, deburring, etc.</li> <li>Abrasive grain: Zirconia alumina</li> <li>Hardness: hard</li> <li>Very high material removal with good tool life</li> <li>Maximum working speed 80 m/s</li> </ul>	ZA 24-T	115 x 7 x 22.23		13,300	1/10	616517000
	ZA 24-T	125 x 7 x 22.23		12,200	1/10	616518000
	ZA 24-T	180 x 7 x 22.23		8,500	1/10	616519000

Cup wheels, tapered

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.	
 <p><b>Quality class A 16-Q</b></p> <ul style="list-style-type: none"> <li>Surface grind across the entire metal processing sector with angle grinders</li> <li>Hardness: hard</li> <li>Resin-bonded</li> <li>Good material removal with good tool life</li> <li>Maximum working speed 50 m/s</li> <li>For angle grinders with grinding wheel Ø 180 mm and 230 mm</li> </ul>	110 x 55 x 22.23	8,600	1/6	616170000
	110 x 55 x 22.23	8,600	1/1	630725000*
	 <p><b>Quality class C 16-N</b></p> <ul style="list-style-type: none"> <li>For rough work, even for cast iron</li> <li>Resin-bonded</li> <li>Good material removal with good tool life</li> <li>Surface grinding across the entire stone processing sector</li> <li>Also suitable for cast iron materials and non-ferrous metals</li> <li>Maximum working speed 50 m/s</li> <li>For angle grinders with grinding wheel Ø 180 mm and 230 mm</li> <li>Hardness: medium-hard</li> </ul>	110 x 55 x 22.23	8,600	1/6
110 x 55 x 22.23		8,600	1/1	630726000*
 <p><b>Quality class C 36-M</b></p> <ul style="list-style-type: none"> <li>For general tasks</li> <li>Resin-bonded</li> <li>Good material removal with good tool life</li> <li>Surface grinding across the entire stone processing sector</li> <li>Also suitable for cast iron materials and non-ferrous metals</li> <li>Maximum working speed 50 m/s</li> <li>For angle grinders with grinding wheel Ø 180 mm and 230 mm</li> <li>Hardness: medium-hard</li> </ul>		110 x 55 x 22.23	8,600	1/6

Cup wheels, cylindrical

Diameter x thickness x bore mm	Maximum speed /min	Sales unit / packing unit	Order no.	
 <p><b>Quality class A 80-M steel</b></p> <ul style="list-style-type: none"> <li>Surface grinding for all metal processing needs</li> <li>Hardness: medium</li> <li>Resin-bonded</li> <li>Good material removal with good tool life</li> <li>Only for dry sanding/grinding</li> <li>Maximum working speed 50 m/s</li> <li>For angle grinders with grinding wheel Ø 115 mm, 125 mm and 150 mm</li> </ul>	80 x 25 x 22.23	11,940	1/20	629174800
	80 x 25 x 22.23	11,940	1/1	630727000*
	 <p><b>Quality class C 30-N stone</b></p> <ul style="list-style-type: none"> <li>Surface grinding for all stone processing applications</li> <li>Hardness: medium</li> <li>Resin-bonded</li> <li>Good material removal with good tool life</li> <li>Only for dry sanding/grinding</li> <li>Maximum working speed 50 m/s</li> <li>For angle grinders with grinding wheel Ø 115 mm, 125 mm and 150 mm</li> </ul>	80 x 25 x 22.23	11,940	1/20
80 x 25 x 22.23		11,940	1/1	630728000*

\* Self-service packaging



Flap discs and fibre discs with ceramic grain



The Metabo Convex flap discs.



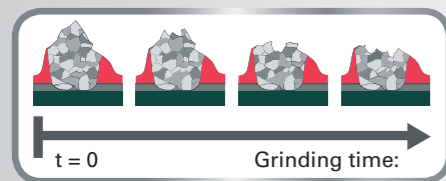
- **Extremely long tool life** with high-grade ceramic grain
- Extremely high material removal with low effort
- **Uniform material removal across the entire service life** with self-sharpening ceramic grain
- **Good bonding of the ceramic grain on the carrier material**
- **Grind-active additional layer**
- **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

- **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



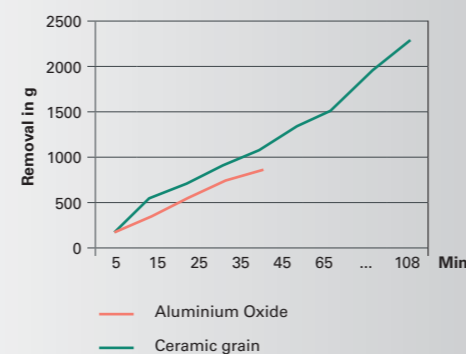
- **Maximum working speed 80 m/s**






In the ceramic grit, fine aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) 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.

	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 discs

	Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 <p><b>Quality class aluminium oxide »Flexiamant«</b></p> <ul style="list-style-type: none"> <li>■ Suitable for rough and intermediate grinding of steel, non-ferrous metals, wood and plastics</li> <li>■ High lamellar lining on fibreglass plate</li> <li>■ Uniform grinding capacity</li> <li>■ Cool grinding</li> <li>■ Low noise level</li> <li>■ Uniform grinding result, comfortable grinding with only low vibration</li> <li>■ Maximum working speed 80 m/s</li> <li>■ Tilted version: angle of attack 7-9°</li> </ul>	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
 <p><b>Quality class zirconia alumina »Novoflex«</b></p> <ul style="list-style-type: none"> <li>■ Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel</li> <li>■ Quality »Novoflex«: powerful entry-level class</li> <li>■ Uniform grinding capacity</li> <li>■ Cool grinding</li> <li>■ Uniform grinding result, comfortable grinding with only low vibration</li> <li>■ Most suitable for processing stainless steels</li> <li>■ Maximum working speed 80 m/s</li> <li>■ Tilted version: angle of attack 7-9°</li> </ul>	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	
 <p><b>Quality class zirconia alumina »Flexiamant«</b></p> <ul style="list-style-type: none"> <li>■ Suitable for rough and intermediate grinding in all fields of metalworking including stainless steel, steel, cast iron, and sheet steel</li> <li>■ High lamellar lining on fibreglass plate</li> <li>■ Uniform grinding capacity</li> <li>■ Cool grinding</li> <li>■ Low noise level</li> <li>■ Uniform grinding result, comfortable grinding with only low vibration</li> <li>■ Most suitable for processing stainless steels</li> <li>■ Maximum working speed 80 m/s; tilted version: angle of attack 7-9°</li> </ul>	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
	178 x 22.23	P 60	⌒	8,500	1/10	624258000
	178 x 22.23	P 80	⌒	8,500	1/10	624259000

Diameter x bore mm	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
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°

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

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

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 discs - 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 backing pad
- 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	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 roughing 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


Flap wheels

Diameter mm	Thickness mm	Female thread	Grit	Version	Maximum speed /min	Sales unit / packing unit	Order no.
 <p><b>Quality class ceramic »Flexiamant Super«</b></p> <ul style="list-style-type: none"> <li>Flap wheel with straight profiled lamellae, particularly suited for processing fillet welds. The profiled lamellae, arranged radially in the shape of a fan, adapt exceptionally well to the contours of the work piece. Ideally suited for an even and smooth weld seam. Thanks to the offset shape it can also be used at hard to reach places.</li> <li>High material removal with high tool life thanks to the use of ceramic grain.</li> <li>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.</li> <li>Cool cut for materials with poor thermal conduction</li> <li>Maximum speed: 10,000 rpm</li> </ul>							
125	8	M 14	P 40		10,000	1/5	626470000
125	8	M 14	P 60		10,000	1/5	626471000
125	8	5/8 "	P 40		10,000	1/5	626486000
125	8	5/8 "	P 60		10,000	1/5	626487000


Hook and loop backing pads »Metabo Pyramid«

 <ul style="list-style-type: none"> <li>Hook and loop, with flexible intermediate layer, foam-moulded; for attaching polishing and sanding accessories</li> <li>Sanding pad for polishing and medium-hard grinding jobs. Especially recommended for Metabo Pyramid hook and loop sanding sheets</li> </ul>							
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

 <ul style="list-style-type: none"> <li>3-dimensional structure of the grinding media (pyramid-shaped).</li> <li>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.</li> <li>For removing scratches, mill skin on stainless steel. Preparation for polishing.</li> <li>Suitable for use throughout the metal industry; especially for stainless steels, titanium, cobalt, nickel, chrome alloys.</li> </ul>							
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

 <ul style="list-style-type: none"> <li>Made from pressed fleece material with hook and loop</li> <li>For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required</li> <li>For alloy and high-alloy steels, coloured and light metals, chrome and nickel steels, titanium, steels</li> </ul>							
Diameter x bore mm	Grit	Sales unit / packing unit	Order no.				
125	Very fine	1 / 1	626375000*				


Cleaning fleeces

 <ul style="list-style-type: none"> <li>For the removal of light rust, paint / varnish on metal, cleaning weld seams / steel / copper / aluminium / brass, sanding steel and texturing wood.</li> <li>Maximum working speed: 63 m/s</li> <li>Recommended speeds at Ø 115 mm: 2,900 /min, Ø 125 mm: 2,700 /min</li> </ul>							
Diameter x bore mm	Sales unit	Order no.					
115 x 22.23	1	624346000*					
125 x 22.23	1	624347000*					

Semi-flexible sanding sheets

 <p><b>Semi-flexible sanding sheets</b></p> <ul style="list-style-type: none"> <li>Suitable for use on masonry and stone work</li> <li>Grinding media: SiC (silicon carbide); maximum working speed: 80/s</li> <li>For use with the elastic backing pad 623279000</li> <li>Diameter: 115 mm</li> <li>Grit: C 24</li> <li>Material suitability: stone</li> <li>Sales unit: 1</li> </ul>							
Order no.	624873000						

Fibre sanding discs

Diameter x bore mm	Grit	Maximum speed /min	Sales unit / packing unit	Order no.
 <p><b>Aluminium oxide, hole type: round hole, slotted</b></p> <ul style="list-style-type: none"> <li>Suitable for use throughout the metal industry</li> <li>For rough and fine grinding jobs</li> <li>Processing weld joints, removing rust, deburring</li> <li>High material removal with good tool life</li> <li>Even grinding result</li> <li>Maximum working speed 80 m/s</li> <li>Fibre discs for clamping on backing pad!</li> </ul>				
100 x 16	P 24	15,300	1/25	624094000
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 50	13,300	1/25	624144000
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 100	13,300	1/25	624140000
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 50	12,200	1/25	624217000
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 100	12,200	1/25	624222000
125 x 22.23	P 120	12,200	1/25	624224000
125 x 22.23	P 150	12,200	1/25	624225000
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

\* Self-service packaging

Diameter x bore mm	Grit	Maximum speed /min	Sales unit / packing unit	Order no.
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 100	8,500	1/25	624107000
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 100	13,300	1/25	622976000
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 100	8,500	1/25	622996000
180 x 22.23	P 120	8,500	1/25	622997000



**Ceramics, 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 ribs are recommended for clamping the ceramic fibre 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 clamping nut for use on Metabo angle grinders with Autobalancer / brake

Diameter mm	Flange nut	Maximum speed /min	Sales unit / packing unit	Order no.
112	M 14	13,300	1/1	623279000*
122	M 14	12,200	1/1	623278000*
122	M 14	12,200	1/1	626418000*
175	M 14	8,500	1/1	623275000*
220	M 14	6,600	1/1	623280000*
112	5/8 "	13,300	1/1	623283000*
122	5/8 "	12,200	1/1	623284000*
175	5/8 "	8,500	1/1	623281000*
220	5/8 "	6,600	1/1	623282000*

**Backing pads 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.
112	M 14	13,300	1/1	623290000*
122	M 14	12,200	1/1	623291000*
175	M 14	8,500	1/1	623292000*

**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*

\* Self-service packaging

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 metal processing, e.g. smoothing weld 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



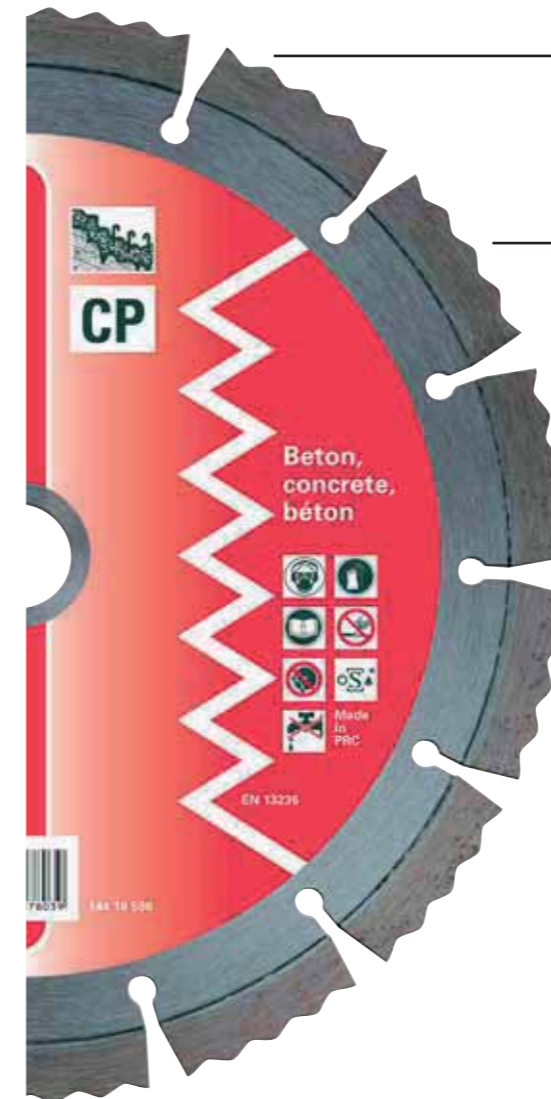
- Specially developed for the professional processing of U and V-weld seams in pipeline construction, as well as for root weld seam preparation
- Edging type: twisted steel wire
- Thickness of plait: 6.0 mm

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: Extremely easy cutting, precise and durable.

When processing concrete and natural stone you require high-quality, robust diamond discs. Metabo diamond cutting discs guarantee precise cutting as they are made from high-quality synthetic diamonds. The main disc body is made from hardened steel and thus guarantees highest safety criteria.



**Structure and function of Metabo diamond cutting discs**

**The saw blade**  
For the stability and smooth running accuracy, the steel core of the Metabo diamond cutting discs is made of hardened steel of a very high quality. The notches between the segments are for cooling purposes and give the disc the required stability.

**The cutting segments**  
The diamond studded segments consist of a mixture of diamond grit and metal powder. In manufacturing of the Metabo diamond cutting discs, only synthetic diamonds of the best quality are used. The mixture of diamonds and bonding agent is compacted under high pressure and temperature. During this process the cutting segment obtains its form. It is thicker than the basic blade so that a relief clearance is obtained.

**Quality and area of application**  
The bond between the cutting segments and main disc body is a distinct aspect which you can use to measure for quality and/or the application in which the disc was designed for use:

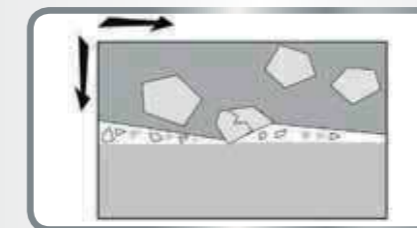
**Soldering:**  
The connection between segment tips and the main disc is bonded with a silver solder. These discs are only utilized when cutting with water coolant. Due to the high temperatures generated when dry-cutting, segments can become detached. **Increased risk of accidents!**

**Sintering:**  
The cutting segments are bonded to the disc body with temperature and pressure. This bond is so strong that sintered cutting discs can be used for dry-cutting without a problem.

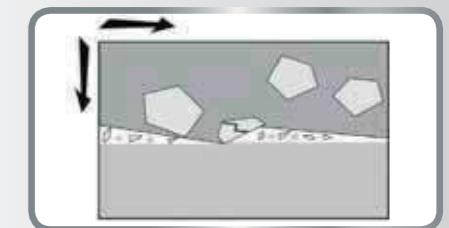
**Laser welding:**  
The best bond is presently obtained with the laser welding process. With the laser beam a strong micro bond between segment and the main disc body is obtained.  
**Laser welding gives safety of the highest level.**



**Mode of operation**  
Each Metabo diamond cutting disc is sharpened at the factory for immediate use. During the sharpening process, the residues between the individual diamonds on the cutting segment are removed.



The metal bond holds all diamonds in place. During the cutting process the exposed diamonds slice through the contact material, leaving only a fine dust afterwards.



During the cutting process the diamonds splinter or break off. The harder the contact material the greater the wear. Simultaneously the material in the segment bond also wears off and bit by bit new diamonds are exposed.


Which diamond cutting disc is suitable for which application?


	Quality class »Professional«					Quality class »Classic«				
	UP Universal	UP-T ...Turbo	CP Concrete	AP Abrasive	TP Tiles	UC Universal	UC-T ...Turbo	CC Concrete	AC Abrasive	TC Tiles
Segment height	12 mm	10 mm	12 mm	12 mm	10 mm	7 mm	8 mm	7 mm	7 mm	8 mm
Material										
Asbestos cement	■	■		■		■	■		■	
Basalt	■	■	■			■	■	■		
Concrete	■	■	■			■	■	■		
Reinforced concrete	■	■	■			■	■	■		
Concrete, curb stones	■	■	■			■	■	■		
Concrete plate	■	■	■			■	■	■		
Concrete roof tiles	■	■	■	■		■	■	■	■	
Concrete industrial floors			■					■		
Roof tiles, red	■	■	■	■	■	■	■	■	■	■
Screed	■	■		■		■	■		■	
Fibre cement	■	■		■		■	■		■	
Glazed tiles					■					■
Non-glazed tiles					■					■
Gas or porous concrete	■	■		■		■	■		■	
Grey concrete	■	■		■		■	■		■	
Gneiss	■	■	■			■	■	■		
Granite	■	■	■			■	■	■		
Sand-lime brick, medium hard	■	■	■	■		■	■	■	■	
Sand-lime brick, soft	■	■		■		■	■		■	
Sand-lime brick, hard	■	■	■			■	■	■		
Ceramic					■					■
Clinkers, hard	■	■	■			■	■	■		
Clinkers, soft	■	■		■		■	■		■	
Marble, dense, not abrasive	■	■	■	■	■	■	■	■	■	■
Marble, abrasive, crystalline	■	■	■	■	■	■	■	■	■	■
Mortar	■	■		■		■	■		■	
Natural sandstone, medium hard	■	■	■	■		■	■	■	■	
Natural sandstone, soft	■	■		■		■	■		■	
Natural slate	■	■	■	■		■	■	■	■	
Proton	■	■		■		■	■		■	
Porphyry	■	■	■			■	■	■		
Sandstone, medium hard	■	■	■	■		■	■	■	■	
Sandstone, hard	■	■	■	■		■	■	■	■	
Sandstone, soft	■	■		■		■	■		■	
Fireclay, hard	■	■	■			■	■	■		
Slate stones	■	■	■			■	■	■		
Silicate stones, very abrasive				■					■	
Terrazzo	■	■	■	■		■	■	■	■	
Clay pipes	■	■		■		■	■		■	
Clay tile	■	■		■	■	■	■		■	■
Travertine	■	■		■		■	■	■	■	
Exposed aggregate concrete	■	■	■			■	■	■		
Glazed brick			■					■		
Brick, abrasive	■	■		■		■	■		■	

■■■ = highly suitable ■ = only partially suitable. The exclusive use of these materials will result in reduced service life or reduced cutting capacity ■ = well suited


Diamond Cutting Discs

Segmented for general building materials


	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »classic« / UC</b></p> <ul style="list-style-type: none"> <li>Well suited for all construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles.</li> <li>Good cutting performance, optimum tool life</li> <li>Laser welded diamond segments, segment height: 7.0 mm; Maximum working speed 80 m/s (300 - 400 mm: 100 m/s)</li> </ul>	115 x 22.23	32 x 2.15 x 7	8	13,200	1	628156000*
	125 x 22.23	32 x 2.15 x 7	9	12,200	1	628157000*
	150 x 22.23	38 x 2.15 x 7	10	10,200	1	628158000*
	180 x 22.23	38 x 2.3 x 7	14	8,500	1	628159000*
	230 x 22.23	40 x 2.5 x 7	15	6,600	1	628160000*
	300 x 20 / 22.23 / 25.4	40 x 3.2 x 7	20	6,300	1	628161000*
	350 x 20 / 22.23 / 25.4	40 x 3.2 x 7	24	5,400	1	628164000*
400 x 20	40 x 3.2 x 7	28	4,700	1	628166000*	

	Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »professional« / UP</b></p> <ul style="list-style-type: none"> <li>Best suited for general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles.</li> <li>The universal disc with high quality diamonds for optimal cutting performance and a long tool life.</li> <li>Laser welded diamond segments</li> <li>Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 400 mm: 100 m/s)</li> </ul>	115 x 22.23	32 x 2.15 x 12	8	13,200	1	628111000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	1	628112000*
	125 x 22.23	32 x 2.15 x 12	9	12,200	2	628113000*
	150 x 22.23	38 x 2.15 x 12	10	10,200	1	628114000*
	180 x 22.23	40 x 2.3 x 12	14	8,500	1	628115000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	1	628116000*
	230 x 22.23	40 x 2.5 x 12	15	6,600	2	628117000*
	300 x 20 / 22.23 / 25.4	40 x 3.2 x 12	20	6,300	1	628118000*
	350 x 20 / 22.23 / 25.4	40 x 3.2 x 12	24	5,400	1	628121000*
	400 x 25.4	40 x 3.2 x 12	28	4,700	1	628123000*


For general building materials, closed edge »Turbo«


	Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »classic« / UC-T</b></p> <ul style="list-style-type: none"> <li>Well suited for all construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone and clay tiles.</li> <li>The circumferentially closed cutting edge provides a clean cutting edge without material chipping, good cutting performance and optimal tool life.</li> <li>Laser welded diamond segments, segment height: 8.0 mm; Maximum working speed 80 m/s</li> </ul>	115 x 22.23	2 x 8	13,200	1	628167000*
	125 x 22.23	2 x 8	12,200	1	628168000*
	150 x 22.23	2 x 8	10,200	1	628169000*
	180 x 22.23	2.3 x 8	8,500	1	628170000*
	230 x 22.23	2.5 x 8	6,600	1	628171000*

\* Self-service packaging


Diameter x bore mm	Segment dimensions mm	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »professional« / UP-T</b></p> <ul style="list-style-type: none"> <li>Best suited for general construction/building site materials such as concrete, exposed aggregate concrete, hard sandstone, clay tiles.</li> <li>The circumferentially closed »Turbo« cutting edge provides a clean cutting edge without material chipping, providing optimal cutting performance and long tool life.</li> <li>Sintered cutting edge</li> <li>Segment height: 9.6 mm; Maximum working speed 80 m/s</li> </ul>				
115 x 22.23	2.2 x 9.6	13,200	1	628124000*
125 x 22.23	2.2 x 9.6	12,200	1	628125000*
150 x 22.23	2.2 x 9.6	10,200	1	628126000*
180 x 22.23	2.5 x 9.6	8,500	1	628127000*
230 x 22.23	2.7 x 9.6	6,600	1	628128000*


Segmented; for hard materials

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »classic« / CC</b></p> <ul style="list-style-type: none"> <li>Ideal for all hard materials such as concrete (including reinforced), concrete pipes, kerbstones, granite, hard sandstone, facing stones, exposed aggregate concrete.</li> <li>High diamond quality with soft bond for good cutting performance and optimal tool life</li> <li>Laser welded diamond segments, segment height: 7.0 mm; Maximum working speed 80 m/s (300 - 350 mm: 100 m/s)</li> </ul>					
115 x 22.23	32 x 2.15 x 7	8	13,200	1	628172000*
125 x 22.23	32 x 2.15 x 7	9	12,200	1	628173000*
150 x 22.23	38 x 2.15 x 7	10	10,200	1	628174000*
180 x 22.23	38 x 2.3 x 7	14	8,500	1	628175000*
230 x 22.23	40 x 2.5 x 7	15	6,600	1	628176000*
300 x 20	40 x 2.8 x 7	20	6,300	1	628177000*
350 x 20	40 x 3.2 x 7	24	5,400	1	628180000*


 <p><b>Quality class »professional« / CP</b></p> <ul style="list-style-type: none"> <li>Ideal for all hard building materials such as concrete (including reinforced), concrete pipes, granite, hard sandstones, facing stones, exposed aggregate concrete.</li> <li>The diamond quality and soft bond provides optimal cutting performance and long tool life</li> <li>Laser welded diamond segments</li> <li>Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 350 mm: 100 m/s)</li> </ul>					
115 x 22.23	32 x 2.15 x 12	8	13,200	1	628129000*
125 x 22.23	32 x 2.15 x 12	9	12,200	1	628130000*
125 x 22.23	32 x 2.15 x 12	9	12,200	2	628131000*
150 x 22.23	38 x 2.15 x 12	10	10,200	1	628132000*
180 x 22.23	40 x 2.3 x 12	14	8,500	1	628133000*
230 x 22.23	40 x 2.5 x 12	15	6,600	1	628134000*
230 x 22.23	40 x 2.5 x 12	15	6,600	2	628135000*
300 x 20 / 22.23 / 25.4	40 x 3.2 x 12	20	6,300	1	628136000*
350 x 20 / 22.23 / 25.4	40 x 3.2 x 12	24	5,400	1	628139000*


Segmented for abrasive materials

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »classic« / AC</b></p> <ul style="list-style-type: none"> <li>For all soft and abrasive materials such as fresh concrete, sand-lime brick, sand stone</li> <li>High diamond quality with hard bond for good cutting performance and optimal tool life</li> <li>Laser welded diamond segments, segment height: 7.0 mm; Maximum working speed 80 m/s (300 - 350 mm: 100 m/s)</li> </ul>					
115 x 22.23	32 x 2.15 x 7	8	13,200	1	628182000*
125 x 22.23	32 x 2.15 x 7	9	12,200	1	628183000*
150 x 22.23	38 x 2.15 x 7	10	10,200	1	628184000*
180 x 22.23	38 x 2.3 x 7	14	8,500	1	628185000*
230 x 22.23	40 x 2.5 x 7	15	6,600	1	628186000*
300 x 20	40 x 3.2 x 7	20	6,300	1	628187000*
350 x 20	40 x 3.2 x 7	24	5,400	1	628190000*

 <p><b>Quality class »professional« / AP</b></p> <ul style="list-style-type: none"> <li>For best cutting performance in soft, abrasive materials, such as fresh concrete, sand-lime brick, sand stone</li> <li>High diamond quality with soft bond ensures optimal cutting performance and long tool life</li> <li>Laser welded diamond segments</li> <li>Segment height: 12.0 mm; maximum working speed 80 m/s (300 - 350 mm: 100 m/s)</li> </ul>					
115 x 22.23	32 x 2.15 x 12	8	13,200	1	628141000*
125 x 22.23	32 x 2.15 x 12	9	12,200	1	628142000*
150 x 22.23	38 x 2.15 x 12	10	10,200	1	628143000*
180 x 22.23	40 x 2.3 x 12	14	8,500	1	628144000*
230 x 22.23	40 x 2.5 x 12	15	6,600	1	628145000*
300 x 20 / 22.23 / 25.4	40 x 3.2 x 12	20	6,300	1	628146000*
350 x 20 / 22.23 / 25.4	40 x 3.2 x 12	24	5,400	1	628149000*

For tiles; enclosed edge

Diameter x bore mm	Segment dimensions mm	Number of segments	Maximum speed /min	Sales unit	Order no.
 <p><b>Quality class »classic« / TC</b></p> <ul style="list-style-type: none"> <li>Special disc for all types of tiles, glazed and unglazed, natural stone slabs</li> <li>Good cutting performance and optimal tool life</li> <li>Diamond disc with a good price / performance ratio</li> <li>Sintered cutting edge, segment height: 7.0 mm; Maximum working speed 80 m/s</li> </ul>					
115 x 22.23	1.7 x 7		13,200	1	628192000*
125 x 22.23	1.7 x 7		12,200	1	628193000*
150 x 22.23	1.7 x 7		10,200	1	628194000*
180 x 22.23	1.7 x 7		8,500	1	628195000*
230 x 22.23	1.7 x 7		6,600	1	628196000*

 <p><b>Quality class »professional« / TP</b></p> <ul style="list-style-type: none"> <li>Special disc to meet the highest demands for all types of tiles, glazed and unglazed, natural stone slabs, fine earthenware</li> <li>Optimal cutting quality and long tool life.</li> <li>Sintered cutting edge</li> <li>Segment height: 10.0 mm; Maximum working speed 80 m/s</li> </ul>					
115 x 22.23	1.7 x 10		13,200	1	628151000*
125 x 22.23	1.7 x 10		12,200	1	628152000*
150 x 22.23	1.7 x 10		10,200	1	628153000*
180 x 22.23	1.7 x 10		8,500	1	628154000*
230 x 22.23	1.7 x 10		6,600	1	628155000*

\* Self-service packaging

## Diamond Cup Wheels

## For hard materials, quality class concrete »professional«



- Powerful diamond grinding wheel. Particularly suited for grinding of thick concrete layers, levelling of concrete, preparation of concrete, removal of sludge residue and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed, levelling of granite, natural stone and other very hard materials, for clean processing of edges, without chipping
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	16	1	628205000*

## For abrasive materials, quality class abrasive »professional«



- Powerful diamond grinding cup wheel. Particularly 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	Sales unit	Order no.
125 x 22.23	16	1	628206000*

## For protective concrete coatings, quality class »professional«



- Powerful specialized cup wheel. Ideally suited for spot grinding and removal of elastic protective coatings (on soft and hard surfaces), 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.
- Cup wheel equipped with PCD segments (poly-crystalline diamonds). By virtue of the PCD segments, particularly problematic coatings are removed quickly and effectively without bonding.
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	12	1	628208000*

## For hard materials, quality class concrete »classic«



- Double-coated diamond cup wheel for grinding of thick concrete layers, levelling of concrete, preparation of concrete, removal of sludge skins and formwork seams on concrete, removal of hard cement, chalk-cement-plaster, hard screed, levelling of granite, natural stone and other very hard materials
- Maximum working speed 80 m/s

Diameter x bore mm	Number of segments	Sales unit	Order no.
125 x 22.23	20	1	628209000*

## Diamond Drill Bits

## Diamond drill bits for tiles »Dry«, M14





- M14 Thread for use on angle grinders
- Vacuum hard soldered diamonds for a long service life and quick drilling progress
- Aperture in the shank for easy removal of the drilled core
- Developed for dry application, no extra cooling required. 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!


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 sets for tiles

- M14 Thread for use on angle grinders
- Vacuum hard soldered diamonds for a long service life and quick drilling progress
- Aperture in the shank for easy removal of the drilled core
- Developed for dry use, no separate cooling required

	Order no.
 <b>Diamond drill bit set for tiles »Dry« 7 pieces</b> Set consisting of: each 1 x Ø 6 mm, 8 mm, 14 mm, 35 mm, 40 mm, 50 mm, 68 mm; 1 x Plusbox	628317000
 <b>Diamond drill bit set for tiles »Dry« 3 pieces</b> Set consisting of: each 1 x Ø 35 mm, 50 mm, 68 mm; 1 x Plusbox L 623581000	628322000

## Adapter for diamond drill bits

	Order no.
 <b>Connector</b> ■ For using »dry« diamond drill bits on a drill Receptacle: hexagonal 10 mm, M 14 male thread	630859000*





# Which system accessories are suitable for which angle grinder?

Model	Order no.	Bench cut-off stand Order no. 635000000	Cutting-blade guard, semi-enclosed	Guard	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)	606418		630386000	631166000	■	■	■	■
W 22-180 MVT	606461		630356000	631166000	■	■	■	■
WE 22-180 MVT	606463		630356000	631166000	■	■	■	■
W 24-180 MVT	606466		630356000	631166000	■	■	■	■
WE 24-180 MVT	606468		630356000	631166000	■	■	■	■
WEA 24-180 MVT Quick	606471		630356000	631166000	■	■	■	■
W 26-180 MVT	606473		630356000	631166000	■	■	■	■
W 2000 (230)	606418	■	630387000	631167000	■	■	■	■
WX 2000	606421	■	630387000	631167000	■	■	■	■
W 2200-230	606420	■	630387000	631167000	■	■	■	■
WX 2200-230	600397	■	630387000	631167000	■	■	■	■
W 2400-230	600378	■	630387000	631167000	■	■	■	■
WX 2400-230	600379	■	630387000	631167000	■	■	■	■
W 22-230 MVT	606462	■	630357000	631167000	■	■	■	■
WE 22-230 MVT	606464	■	630357000	631167000	■	■	■	■
WE 22-230 MVT Quick	606465	■	630357000	631167000	■	■	■	■
W 24-230 MVT	606467	■	630357000	631167000	■	■	■	■
WE 24-230 MVT	606469	■	630357000	631167000	■	■	■	■
WE 24-230 MVT Quick	606470	■	630357000	631167000	■	■	■	■
WEA 24-230 MVT Quick	606472	■	630357000	631167000	■	■	■	■
WEP 24-230 MVT	606477	■	630357000	631167000	■	■	■	■
W 26-230 MVT	606474	■	630357000	631167000	■	■	■	■
WE 26-230 MVT Quick	606475	■	630357000	631167000	■	■	■	■
WEA 26-230 MVT Quick	606476	■	630357000	631167000	■	■	■	■

Model	Order no.	Clip for cut-off guard	Cutting-blade guard, semi-enclosed	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	■	■
WP 18 LTX 115 Quick	613071	630351000		627361000	■	■
WPB 18 LTX BL 115	613074	630351000		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	■	■
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.	Clip for cut-off guard	Metabo VibraTech (MVT) side handle Order no. 627361000	Bail 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	■				■	■

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Other Accessories for Angle Grinders

Cutting guard clip



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

Grinding wheel Ø mm	Order no.
100	630346000
115	630351000
125	630352000
150	630353000

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	630355000
230	Metabo cordless angle grinder Ø 230 mm	630363000
125	WEF 15-125 Quick, WEVF 10-125 Quick	630372000
125	WQ 1000	630373000
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

Cutting blade guards, semi enclosed, with holding bolt



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

Grinding wheel Ø mm	Suitable for	Order no.
100	W 6-100	630813000
115	W 6-115	630814000
150	WE 1450-150 RT	630362000
125	W 1080-125	630364000
180	W 2000 / WX 2000	630386000
230	W 2000 / WX 2000	630387000

Bench cut-off stand



- 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: also suitable for mitre cuts up to 45°
  - Largest cut depth when using an angle grinder with 230 mm 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 stop, 6 mm Allen key
- Weight: 9.7 kg

Order no.  
635000000

Cutting blade guards with cutting guides



- Cutting extraction hood CED 125**
- Extraction hood with plunge function and optimised flow channel for particularly low-dust cutting both indoors and outdoors
  - Compact construction form table can be removed without tools for more flexibility when working close to walls and 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..; WE..15-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400(only 6.00346); WE 14-1..; Not suitable for angle grinder with Autobalancer; scope of delivery incl. nut with two holes 5/8" and M14.
- Grinding disc Ø: 115/125 mm  
Maximum cutting depth: 27 mm

Order no.  
626730000



- Cutting extraction hood CED 125 Plus**
- Extraction hood with plunge function and optimised flow channel for particularly low-dust cutting both indoors and outdoors
  - Compact construction form table can be removed without tools for more flexibility when working close to walls and 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..; WE..15-1..; WE..17-1..; W..8-1..; WE 9-125 Quick; W..11-1..; WQ 1400(only 6.00346); WE 14-1..; Not suitable for angle grinder with Autobalancer; scope of delivery incl. nut with two holes 5/8" and M14.
- Grinding disc Ø: 115/125 mm  
Maximum cutting depth: 27 mm

Order no.  
626731000



- Guard 180 mm**
- With nozzles for vacuuming dust from cutting stone slabs
- For Metabo angle grinders 180 mm, except W 17-180 and WX 17-180; for angle grinders with tool-free guard adjustment, the clamping lever has to be removed  
Grinding disc Ø: 180 mm  
Maximum cutting depth: 42 mm

Order no.  
631166000










- Guard 230 mm**
- With nozzles for vacuuming dust from cutting stone slabs
- For Metabo angle grinders 230 mm; for angle grinders with tool-free guard adjustment, the clamping lever has to be removed  
Grinding disc Ø: 230 mm  
Maximum cutting depth: 68 mm

Order no.  
631167000

Cup wheel guards with accessories		Order no.
	<b>Grinding extraction hood GED 125</b> <ul style="list-style-type: none"> <li>Quick, tool-free installation of the extraction hood on a compatible angle grinder</li> <li>Integrated sliding segment for quick, tool-free access even when wearing gloves, for working close to walls.</li> <li>Extraction hood with flexible brush rim and optimised extraction channel for particularly low-dust grinding indoors and outdoors</li> <li>Anti-static plastic prevents electric charges and dust accumulations ensuring constantly high suction power. Connection for dust extraction Ø 35/41 mm</li> <li>Suitable for angle grinder with disc-Ø 125 mm: W..9-1.; WEV 10-125 Quick; W..12-1.; 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</li> </ul>	626732000
	<b>Replacement brush rim GED 125</b> <ul style="list-style-type: none"> <li>Replacement brush rim for replacement on the extraction hood GED 125</li> </ul>	626733000
	<b>Cup wheel guard Ø 80 mm</b> <ul style="list-style-type: none"> <li>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</li> <li>For angle grinders with tool-free guard adjustment the clamping lever must be removed. Please pay attention to operating instructions!</li> <li>Adjustable</li> </ul>	623276000
	<b>Cup wheel guard Ø 110 mm</b> <ul style="list-style-type: none"> <li>For angle grinders with grinding wheel Ø of 180 and 230 mm for use of ceramic cup wheels Ø 110 mm</li> <li>Adjustable</li> </ul>	623140000
Support handles for angle grinders		Order no.
	<b>Metabo VibraTech (MVT) side handle, M 14</b> <ul style="list-style-type: none"> <li>Suitable for all angle grinders with M 14 thread</li> </ul>	627360000*
	<b>Metabo VibraTech (MVT) side handle, M 8</b> <ul style="list-style-type: none"> <li>Suitable for Metabo angle grinders with M 8 thread</li> </ul>	627361000*
	<b>Multi-positioning for side handle</b> <ul style="list-style-type: none"> <li>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</li> <li>The side handle can be adjusted without tools for changing working positions</li> <li>The robust hexagon shape permits folding the side handle to the rear for safe, two-handed operation in confined spaces</li> <li>Suitable for W..9-1.; except: WEF 9-125 WEV 10-125; W..12-1.; 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..</li> <li>Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT</li> </ul>	627362000
	<b>Front handle WS</b> <ul style="list-style-type: none"> <li>Front handle with ideal ergonomics, e.g. for surface grinding with fibre discs, light polishing work with diamond cup wheels etc.</li> <li>Suitable for Metabo angle grinders W..9..; WE 10..; W..12..; WE 15..; WE 17..</li> <li>Not suitable for: WP 1200-125 RT, WEV 1500-125 RT, WE 1500-125 RT, WE 1500-150 RT</li> </ul>	623262000






Hand guard		Order no.
	<b>Hand Guard</b> <ul style="list-style-type: none"> <li>For fitting under the angle grinder's side support handle when working with the backing pads</li> <li>For all angle grinders</li> </ul>	630327000
Flange nuts and inner support flanges		Order no.
	<b>Flange nut</b> <ul style="list-style-type: none"> <li>For all angle grinders with M 14-spindle thread</li> </ul>	630706000
	<b>»Quick« flange nut M 14</b> <ul style="list-style-type: none"> <li>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</li> </ul>	630800000*
	<b>10 »Quick« flange nuts M 14</b> <ul style="list-style-type: none"> <li>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</li> </ul>	626411000
	<b>Metabo »Quick« flange nut M 14</b> <ul style="list-style-type: none"> <li>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</li> </ul>	630802000*
	<b>10 quick-locking nuts M 14</b> <ul style="list-style-type: none"> <li>Especially for angle grinders up to Ø 150 mm, for tool-free disc change. Required thread connection M 14. 10 pieces in attractive counter display</li> </ul>	630832000*
Inner support flange		Order no.
	<b>Inner support flange</b> <ul style="list-style-type: none"> <li>For all angle grinders with M14 spindle thread</li> </ul>	630705000




\* Self-service packaging

Dust protection filters

- Filter against coarse particles or chips for longer service life of the machine when working e.g. with ceramic fibre, roughing 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.
 <p>Dust protection filter for all angle grinders W...12..., WE...15..., WE...17... standard (not paddle, not RT)</p>	630709000*
 <p>Dust protection filter for all angle grinders WE...17...RT, WE...19...RT</p>	630719000*
 <p>Dust protection filter for all angle grinders WP...12..., WEP...15..., WEP...17... with paddle switch</p>	630792000*

Flat-pin spanners

	Order no.
 <p><b>Flat-pin spanner</b> For angle grinders with disc diameter 100 mm - 150 mm Model: straight Grinding disc-Ø: 100/150 mm</p>	623934000*
 <p><b>Flat-pin spanner</b> For angle grinders with disc diameter 180 mm - 230 mm Model: straight Grinding disc-Ø: 180/230 mm</p>	623935000*
 <p><b>Flat-pin spanner</b> For angle grinders with disc Ø 115-230 mm Model: offset Grinding disc-Ø: 115/230 mm</p>	623910000*



Technical data

Wet Polisher PWE 11-100

For backing pad up to maximum	125 mm
Rated input power	1,100 W
Output power	620 W
No-load speed	1,700 - 6,100 /min
Revolutions at rated load	5,400 /min
Torque	2.6 Nm
Spindle threads	M 14
Weight (without mains cable)	2.2 kg
Cable length	4 m

Scope of delivery

Order no.	602050 <sup>1)</sup>
Bow-type handle	■
Front protective cap	■
PRCD safety switch	■
(without backing pad and buffing wheel)	■

<sup>1)</sup> also available in 120 V (North/Latin America)

Product advantages

- Polisher for wet processing of granite, marble and other high-quality types of rock
- Metabo Marathon-motor with patented dust protection for long service life
- Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
- Adjustable, external water supply for exact metering
- Housing cap for protection from splashes
- Adjustable front handle for safe and uniform guidance when polishing
- PRCD safety switch integrated in the mains cable
- Electronic overload protection for long service life
- Electronic soft start for smooth start-up
- Restart protection: prevents unintentional start-up after power supply interruption
- Auto-stop carbon brushes to protect the motor



NEW



Technical data	Angle Polisher PE 12-175	Angle polisher PE 15-25 set
For backing pad up to maximum	175 mm	180 mm
Rated input power	1,200 W	1,500 W
Output power	680 W	870 W
No-load speed	700 - 2,200 /min	700 - 2,500 /min
Revolutions at rated load	2,200 /min	2,250 /min
Torque	14 Nm	18 Nm
Spindle threads	M 14	M 14
Weight (without mains cable)	2.4 kg	2.4 kg
Cable length	4 m	4 m

Scope of delivery	602175	615250
Order no.	602175	615250
Hand guard	■	
Side handle	■	■
Safety goggles		■
3 Disc brushes (130 mm; P46, P60, P80)		■
Plastic carry case		■
(without buffing wheel)	■	

- Product advantages**
- Powerful polisher with two-level reduced gear for fine grinding and high-gloss polishing of stainless steel and stone surfaces
  - Rubberised front cap for optimal guidance of the polisher
  - Vario Tacho Constamatic (VTC) Full-wave Electronics with Thumbwheel: for working at customised speeds to suit the application material and speeds that remain almost constant, even under load
  - Overload protection: protects the motor from overheating
  - Electronic soft start for smooth start-up
  - Restart protection: prevents unintentional start-up after power supply interruption
  - Auto-stop carbon brushes to protect the motor
  - Renovation set with powerful polisher for restoration of beams of half-timbered houses and for restructuring wood
  - Maximum productivity thanks to powerful 1,500 Watt motor and high-performance planetary gear train
  - Tool-free adjustable bow-type handle for safe and uniform guidance when working

System components

Accessories → 171

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*

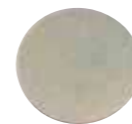
Pressure polishing sponges, fine



- 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*

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 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<sup>-1</sup>

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.
	<b>Extension piece M 14/ M 14</b> ■ 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*
	<b>Arbor</b> ■ For 2 buffing mops with flanges and adjusting nut	623107000*
	<b>Vienna lime chalk</b> ■ For cleaning, caring and polishing of smooth surfaces, especially stainless steel, silver, brass, glass, ceramic etc. ■ Contents: 300 g, shaker	626399000

\* Self-service packaging