

metabo®

POWER TOOLS - ACCESSORIES - ABRASIVES



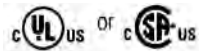
metabo®
work. don't play.

OSHA U.S. Department of Labor Occupational Safety and Health Act

Metabo Power Tools are manufactured in compliance with all applicable standards and their latest amendments. Specifically, 1910 allowance for industrial use, and 1926 allowance for construction use.

Listed Tools

Metabo Power Tools bearing the symbol of Underwriters' Laboratories, Inc. or Canadian Standards Association are listed by the testing laboratories as having complied with their standards for safety.



For more information concerning the conformance of our tools, please contact Metabo Technical Services at techserv@metabousa.com, or by calling 800-638-2264.

Trade Associations

Metabo is associated with the following trade associations:



Recommended Extension Cords

Metabo Power Tools operate efficiently within 110-120 volts. Improper cord sizing will cause a drop in voltage, resulting in loss of power, overheating, and possible damage to the tool. Determine the rated amp listing of your tool from the specification label on the tool, then use the chart below to determine the proper gage and length of cord to use.

Amp Rating	Cord Length (ft.)									
	25	50	100	150	200	250	300	400	500	
0-2	18	18	18	16	16	14	14	12	12	
2-3	18	18	16	14	14	12	12	10	10	
3-4	18	16	14	14	12	12	10	10		
4-5	18	16	14	12	10	10	10			
5-6	18	16	12	12	10	10				
6-8	16	14	12	10	10					
8-10	16	14	12	10						
10-12	16	14	10							
12-15	12	12	10							
15-20	10	10	10							

Metabo Power Tools: Service and Warranty Program

All Metabo Power Tools have been carefully tested and inspected before shipment and are warrantied to the original purchaser to be free from defects in workmanship and materials for period of 3-years (36 months) from original user's date of purchase. This limited warranty does not apply to damage that Metabo determines to be from misuse, alterations, abuse, normal wear and tear, lack of maintenance, accidents, or repairs made by or attempted by anyone other than Metabo authorized personnel. Valid Proof of Purchase such as a sales receipt is required to qualify for warranty programs.

30 Day Performance Guarantee

If in the first 30 days from purchase, a tool fails to perform to Metabo's specifications⁽¹⁾ it should be sent pre-paid⁽²⁾ postage to the Metabo Corporate Service Center*. If the tool is found by Metabo to contain defects in workmanship or materials, Metabo will replace the tool free of charge.

3-Year Limited Warranty

After the first 30 days from purchase, Metabo will repair or replace a power tool which upon inspection is determined to be defective in either workmanship or materials for a period of three 3-years (36 months) from original date of purchase. If a tool fails to perform to Metabo's factory specifications⁽¹⁾, it should be sent pre-paid postage⁽²⁾ to Metabo's Corporate Service Center* or one of our regionally located Authorized Service Centers**.

Metabo MAX Repair Program

To help maintain the performance of your Metabo power tools and to reduce possible downtime, Metabo publishes⁽³⁾ a maximum repair cost for their tools. The MMR program guarantees⁽⁴⁾ that you will not pay more than the published "MAX Repair" rate for that tool (the fee could be less if the repair is minor). The MMR program is independent of the Metabo warranty and applies to tools that are sent to Metabo's Corporate Service Center*. MMR services include:

- Teardown inspection
- Cleaning and lubrication
- Replacement of any worn and/or damaged parts with genuine Metabo replacement parts
- Full performance and safety tests

Metabo Power Tools: Service and Warranty Program -continued...

Metabo reserves the right to replace your tool with one of equal or higher value ⁽⁵⁾ should the repair cost exceed Metabo's MAX Repair threshold. Additionally, we reserve the right to refuse to repair a tool at the Metabo MAX Repair price if the tool is assessed as unrepairable, for example: missing parts, damaged or worn beyond reasonable repair, tool is obsolete, or is not included in the published Max Repair Program list.

3-Year Warranty: Ultra-M Battery and Charger

Metabo's patented Ultra-M Technology features an intelligent monitoring system in which the tool, battery and charger communicate to assure the battery cells are properly and safely charged and discharged. For these reasons, Metabo provides a 3-year warranty on the battery and charger - regardless of the number of recharges. If the battery fails to charge due to defects in materials or workmanship, Metabo will replace that battery free of charge. This warranty applies to all Metabo Lithium-Ion 18V batteries that are 3.0 Ah and higher.

Warranty registration is not required for Metabo power tools sold in the United States.

The 3-year warranty period is based on a valid proof-of-purchase and only applies to products purchased on or after October 1, 2013. Products purchased prior to 10/1/13 will be covered under the previous 1-year standard warranty.



*Metabo Corp. Repair Center
1231 Wilson Drive
West Chester, PA 19380

** For a complete list of Regional Service Centers, visit www.metabousa.com

- (1) Original manufactures specifications can be found at www.metabousa.com or in this catalog.
- (2) Customer is responsible for shipping all products to Authorized Service Centers and return charges for non-warranty repairs. Return of products repaired under warranty will be paid by Metabo.
- (3) The MMR list can be found on www.metabousa.com or by contacting your local Metabo Rep.
- (4) The Metabo Corp Repair Center makes final decision on MMR eligibility. Customer has option to repair their Metabo tools outside of the MMR program, however if repairs are attempted or performed by an unauthorized Metabo facility, then any existing tool warranty is voided.
- (5) We will replace with same model if that model is still current and in stock. A new model will be substituted if original model is out of production.

Rev 13.1-10/1/13

We create

VALUE

for our customers and employees

metabo[®]
work. don't play.



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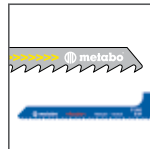
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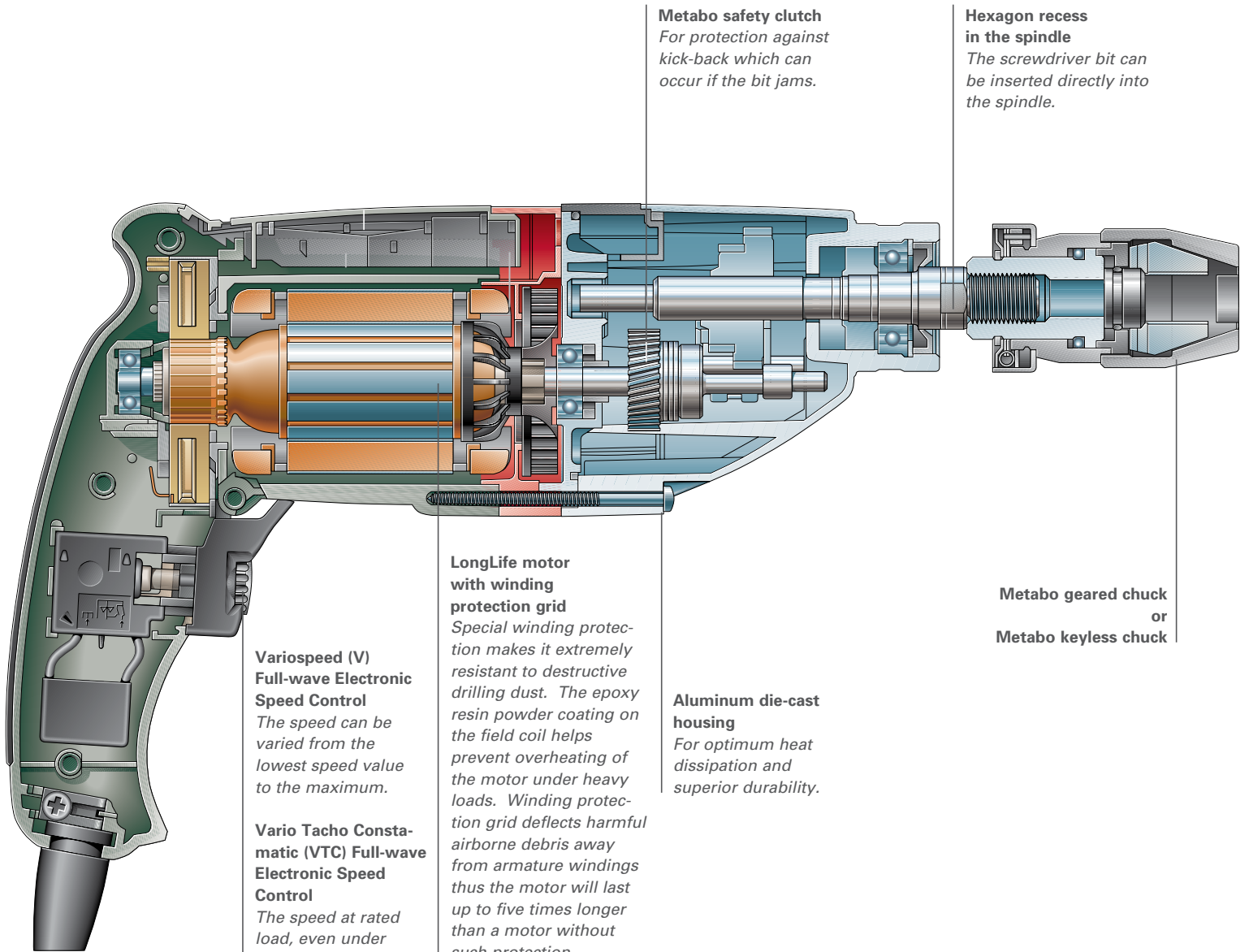
Product specifications and power tool standard equipment are subject to change without notice.



POWER TOOLS BUILT BY PROFESSIONALS FOR PROFESSIONALS

Metabo drills are designed and built to meet the needs of the professional user. Whether drilling wood, metal, plastic, ceramic or masonry, Metabo has a drill to fit the application. This versatility results from quality components, tight manufacturing tolerances and high standards throughout the manufacturing process. You can be sure that a Metabo drill is engineered to meet the toughest demands. **Metabo. Work. Don't play.**





Metabo safety clutch
For protection against kick-back which can occur if the bit jams.

Hexagon recess in the spindle
The screwdriver bit can be inserted directly into the spindle.

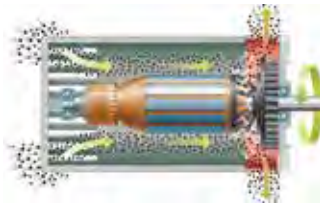
Variospeed (V) Full-wave Electronic Speed Control
The speed can be varied from the lowest speed value to the maximum.

Vario Tacho Constant (VTC) Full-wave Electronic Speed Control
The speed at rated load, even under heavy operating conditions is equal to the no-load speed.

LongLife motor with winding protection grid
Special winding protection makes it extremely resistant to destructive drilling dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads. Winding protection grid deflects harmful airborne debris away from armature windings thus the motor will last up to five times longer than a motor without such protection.

Aluminum die-cast housing
For optimum heat dissipation and superior durability.

Metabo geared chuck or Metabo keyless chuck



Double insulation
Double insulation protects against electric shock by creating a non-conducting barrier between the operator and the electric components inside the tool.



Special applications
Even when working in hard to reach places, Metabo drills can be used without difficulty.



Special areas of application
Drills with high torque are suitable for heavy rotary applications such as stirring of paints, dry wall compound / plaster, and adhesives.



Ergonomic design
Optimum tuning of the design to the user's needs enables safe, comfortable and fatigue-free work.

Which drill for which job?

Drilling	Applications	Type and output	Page
Wood Steel and cast iron Sheet metal	Light carpentry Plant maintenance Sheet metal fabricator	BE561 560 Watt 4.5 Amps	10
Wood Steel	Carpentry, wood and metal construction Metal fabrication Machine construction/repair	BE751 750 Watt 6.5 Amps	10
Ceramic, tiles Application in drilling stands Service and assembly job	Fastening Stirring paint Application as driving machine	BE1100 1,100 Watt 9.6 Amps	10
Drilling stainless steel Hard woods Drilling with auger bits and Forstner bits	Fastening Stirring paint Stirring materials Paints, adhesives, fillers	BE75-16 750 Watt 6.7 Amps	11
Wood joists Close quarter drilling in all materials	Plumbing, electrical, HVAC installations	AD75-16 750 Watt 6.7 Amps	11

At commercial and residential

CONSTRUCTION SITES

we satisfy the most
stringent demands



BE561
3/8" Drill



BE751
2-speed 1/2" Drill



BE1100
2-speed 1/2" Drill

Model #	BE561	BE751	BE1100
Order #	601162420	600581420	600582420
Variospeed (V) electronics	●	●	
Vario tacho constamatic (VTC) electronics			●
Aluminum die-cast gear housing		●	●
2-speed gear-box		●	●
Rubber coated comfort grip	●	●	●
Safety non-slip Side handle		●	●
Reversing switch	●	●	●
Chuck	3/8" Geared	1/2" Geared	1/2" Geared
Metabo slip clutch		●	●
Swivel cord connection		●	●
Auto-stop carbon brushes		●	●
Winding protection grid		●	●
Maximum speed can be controlled by adjusting dial			●
Thermal overload protection			●
Current interruption protection			●
Maximum tightening torque	44 inch lbs. Inquire about 220V availability	265 inch lbs. Inquire about 220V availability	389 inch lbs. Inquire about 220V availability
Capacity			
- in mild steel	3/8"	1/2"	5/8"
- in softwood	3/4"	1 9/16"	1 9/16"
No-load speed (RPM)	0-2800	0-1000/0-3100	0-900/0-2800
Amps	4.5	6.5	9.6
Rated input watts	560	750	1100
Chuck capacity	3/8"	1/2"	1/2"
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight	4.8 lbs.	7.25 lbs.	7.5 lbs.
Shipping weight	6 lbs.	8.5 lbs.	8.7 lbs.
Length	10 3/4"	14 1/2"	14 1/2"
Carrying case	344452990 (optional-plastic) 656304000 (optional-metal)	344454110 (optional-plastic) 656304000 (optional-metal)	344454110 (optional-plastic) 656304000 (optional-metal)
Standard Equipment:	3/8" chuck (635252000) Chuck key (635167000)	1/2" chuck (635250000) Chuck key (635167000) Side handle (314001030)	1/2" chuck (635250000) Chuck key (635167000) Side handle (314001020)
Optional Equipment:		Side handle (631052000)	



BE75-16
1/2" Triple Gear
Reduction Drill



AD75-16
1/2" Triple Gear Reduction
Angle Drill

Model #	BE75-16	AD75-16
Order #	600580420	US600580761
Order # (non-locking deadman switch)	US600580760	US600580763
Variospeed (V) electronics	●	●
Aluminum die-cast gear housing	●	●
High torque, e.g. for use with auger bits up to 2" in dia.	●	●
Triple gear reduction	●	●
Reversing facility	●	●
Chuck	1/2" Geared	1/2" Geared
Metabo slip clutch	●	●
Auto-stop carbon brushes	●	●
Extra long, safety non-slip Side handle	●	●
Switch locking catch, equally accessible to right & left hand	●	●
Winding protection grid	●	●
Particularly suitable for drilling in confined areas		●
Maximum tightening torque	664 inch lbs.	664 inch lbs.
Capacity		
- in mild steel	5/8"	5/8"
- in softwood	1 31/32"	1 31/32"
No-load speed (RPM)	0-650	0-650
Amps	6.7	6.7
Rated input watts	750	750
Chuck capacity	1/2"	1/2"
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight	6.75 lbs.	8.0 lbs.
Shipping weight	9.5 lbs.	11.7 lbs.
Length	11 3/4"	14"
Carrying case	344454110 (optional-plastic) 656304000 (optional-metal)	656304000 (standard-metal)
	Inquire about 220V availability	Inquire about 220V availability
Standard Equipment:	1/2" chuck (635250000) Chuck key (635167000) Side handle (314001020)	1/2" chuck (635250000) Chuck key (635167000) Side handle (314001020) Rt. angle drive (631078000)

MAG32
1-1/4" Electromagnetic
Drill Press













MAG50
2" Electromagnetic
Drill Press

NEW



Model #	MAG32	MAG50
Order #	600330620	600636620
Vario tacho constamatic (VTC) electronics		●
LongLife motor	●	●
Aluminum die-cast gear housing	●	●
2-speed gear-box		●
Variable speed dial		●
Reversing switch (for tapping)		●
Electronic overload protection		●
Power interruption protection		●
Integrated coolant container	●	●
Maximum torque	443 inch lbs. Inquire about 220V availability	797 inch lbs. / 443 inch lbs. Inquire about 220V availability
Capacity		
- with annular cutter	1-1/4"	2"
- with twist drill	1/2"	13/16"
Maximum drilling depth	2"	2"
Thread cutting		5/8" Max.
No-load speed (RPM)	700	100-250/200-450
Amps	9.0	11.9
Rated input watts	1010	1200
Bit retention	Weldon 3/4"	Morse taper MT2, Weldon 3/4"
Dimensions of magnetic base	3-5/16" x 6-5/8"	3-9/16" x 7-1/2"
Stroke	6-5/16"	6-5/16"
Height at highest position	19"	24"
Height at lowest position	14-9/16"	18"
Tool weight	24.5 lbs	28 lbs
Shipping weight	37 lbs.	36 lbs.
Carrying case	344453960 (standard)	344453960 (standard)
Standard Equipment:	Safety strap (341148140) Allen wrench (344163630) Weldon 3/4" chuck	Safety strap (341148140) Allen wrench (344163620) MT2 drift key (642395000) Weldon 3/4" industrial tool holder (316046240) Chip guard (626607000) Centering pin 3" (626608000) Centering pin 4" (626609000)
Optional Equipment:	Chip guard (626607000) Universal cutting spray (626606000) Weldon 3/4" to 1/2" chuck adaptor (626611000) Adaptor for Weldon to FEIN Quick IN (626600000) Centering pin 3" (626608000)	Universal cutting spray (626606000) Weldon 3/4" to 1/2" chuck adaptor (626611000) Adaptor for Weldon to FEIN Quick IN (626600000) Quick change Weldon 3/4" tool holder (626604000)

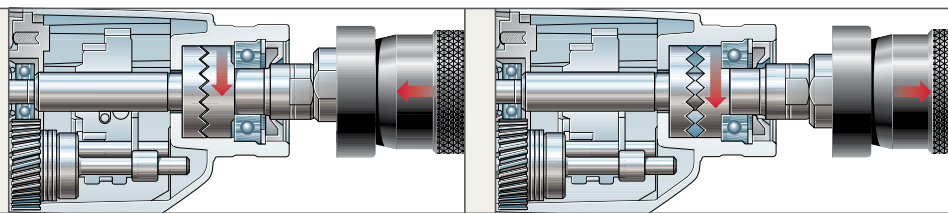
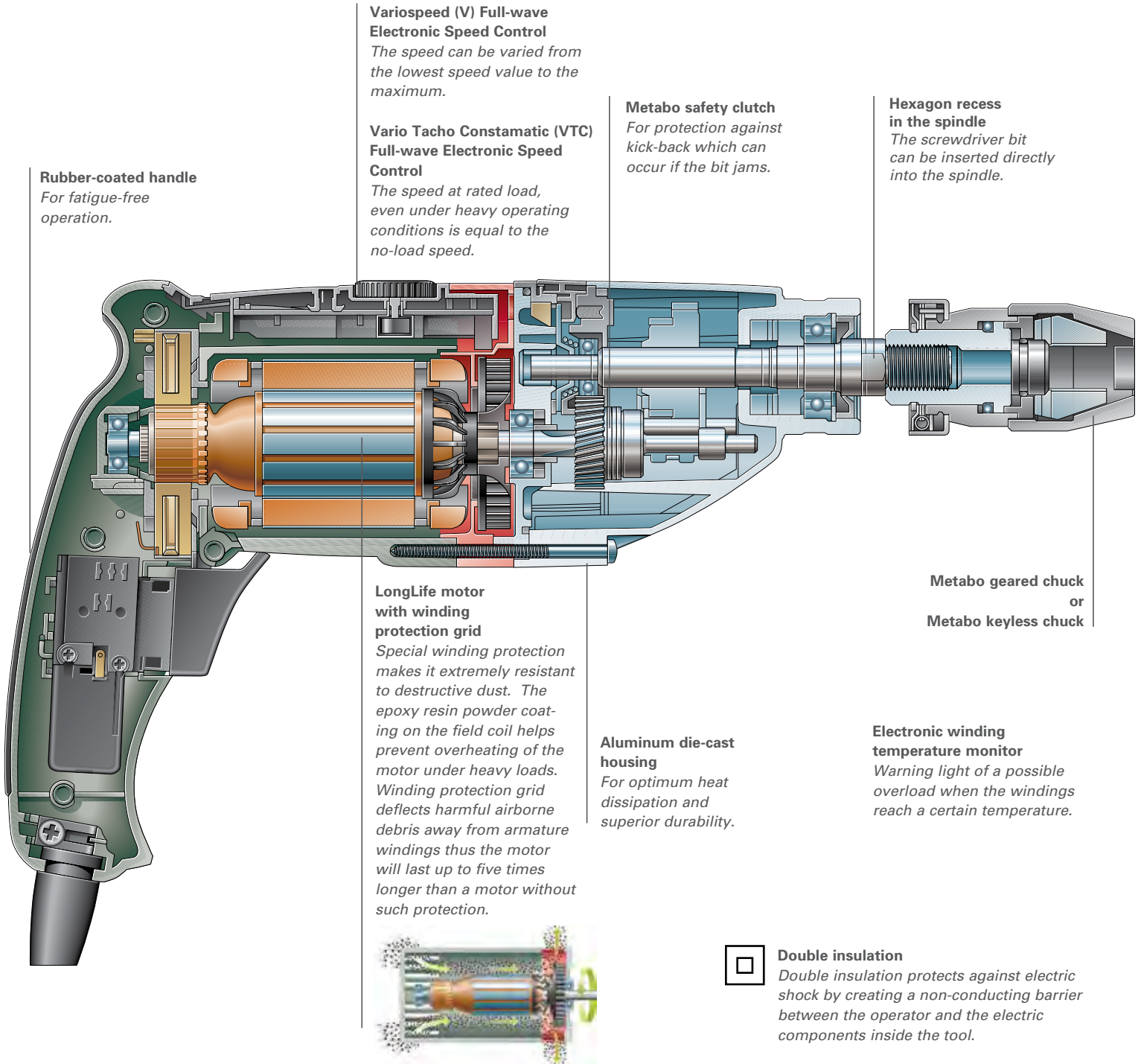
Accessories											
	<p>631078000 Right Angle Drive</p> <table border="1" data-bbox="500 428 805 520"> <tr> <td>Drive Ratio:</td> <td>1:1</td> </tr> <tr> <td>Thread size:</td> <td>1/2" x 20 UNF</td> </tr> <tr> <td>Weight:</td> <td>1 1/4 lbs.</td> </tr> <tr> <td>Length:</td> <td>4"</td> </tr> </table> <ul style="list-style-type: none"> • Converts all Metabo pistol grip drills and hammer drills with side handles to right angle tools (can be used on hammer drills in drilling mode only) • Right angle drive allows access for hard to reach application 	Drive Ratio:	1:1	Thread size:	1/2" x 20 UNF	Weight:	1 1/4 lbs.	Length:	4"		<p>626606000 Universal Cutting Spray Speeds drilling. Lengthens cutter life.</p>
Drive Ratio:	1:1										
Thread size:	1/2" x 20 UNF										
Weight:	1 1/4 lbs.										
Length:	4"										
 <p>631043000 631044000</p>	<p>Mixers</p> <p>631043000 Heavy-duty Mixer 5 1/2" diameter stirrer useable for mixing materials of heavy consistency. Overall length is 24 inches</p> <p>631044000 Mini-mixer 4" diameter stirrer suitable for medium consistency materials. Overall length is 23 inches</p>		<p>626611000 Weldon 3/4" to 1/2-20 Chuck Adaptor Allows use of any chuck with 1.2-20 mounting threads.</p>								
	<p>600890000 Drill Stand Adjustable depth guide. Tool clamp dia.: 43 mm Stroke: 2 9/16" Distance - center to column: 6 1/2" Base dimensions: 8 5/8" x 8 3/8"</p>		<p>626600000 Adaptor for Weldon to FEIN Quick IN</p>								
	<p>627253000 X3 Attachment Multiplies torque by 3 times for tasks that demand more power. Fits the BS18LTX Quick, BE1100, and BE75-16.</p>		<p>626608000 Centering pin 3" 626609000 Centering pin 4"</p>								
	<p>626607000 Chip Guard</p>		<p>626604000 Quick change Weldon 3/4" tool holder Tool-less cutter change.</p>								



THE JOBSITE WORKHORSE.

Metabo developed the world's first mass manufactured hammer drill. It cements our reputation as a leading manufacturer of durable, robust and technically sophisticated hammer drills. Metabo hammer drills are designed using state-of-the-art technology and ergonomic standards. Metabo hammer drills are standard equipment on every jobsite. **Metabo. Work. Don't play.**





Optimized impact mechanism
Perfectly adapted to the powerful Longlife Motor with up to 59,000 impacts per minute.

For what job? Which hammer drill?

Hammer drilling in concrete/stone (inches)												Metal	Drilling in		Type and output	Page
5/32"	3/16"	7/32"	5/16"	3/8"	15/32"	1/2"	9/16"	5/8"	11/16"	3/4"	max. inches		Wood			
Optimum range												3/8"	3/4"	SBE561 560 Watt 4.5 Amps	18	
Possible range												1/2"	1 9/16"	SBE710 710 Watt 5.8 Amps	19	
Possible range												1/2"	1 9/16"	SBE751 750 Watt 6.5 Amps	19	
Possible range												5/8"	1 9/16"	SBE1100 1,100 Watt 9.6 Amps	19	

For larger diameters you should choose a Metabo rotary hammer: see Page 20-29

- Optimum range
- Possible range

We are always a step

AHEAD

of others



SBE561
1/2" Hammer Drill

Model #	SBE561
Order #	601160420
Variospeed (V) electronics	●
Maximum speed controlled by adjusting dial	●
Reversing switch	●
Rubber coated comfort handle	●
Chuck	1/2" Geared
Maximum tightening torque	40 inch lbs.
	Inquire about 220V availability
Capacity	
- in concrete	1/2"
- in mild steel	3/8"
- in softwood	3/4"
No-load speed (RPM)	0-2800
No-load blows per minute (BPM)	0-50000
Amps	4.5
Rated input watts	560
Chuck capacity	1/2"
Spindle thread	1/2 x 20 UNF
Tool weight	5.3 lbs.
Shipping weight	7 lbs.
Length	10 3/4"
Carrying case	344452990 (standard)
Standard Equipment:	1/2" chuck (636614000) Side handle (631052000) Depth gauge (341511630) Chuck key (635167000)

Optional Equipment:

630828000 Dust extraction kit

For bit diameters up to 3/4". Precise depth stop. 15' hose allows wide area use. Fits SBE561, SBE710, SBE751, SBE1100.

(See page 33 for straight shank hammer drill bits)



SBE710
1/2" Hammer Drill



SBE751
1/2" Hammer Drill



SBE1100 Plus
1/2" Hammer Drill

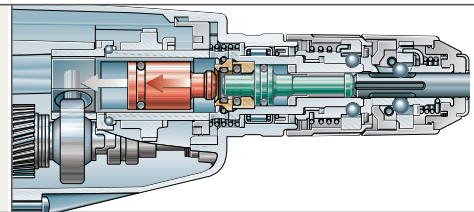
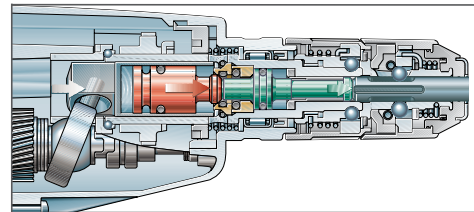
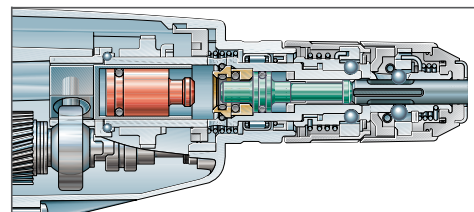
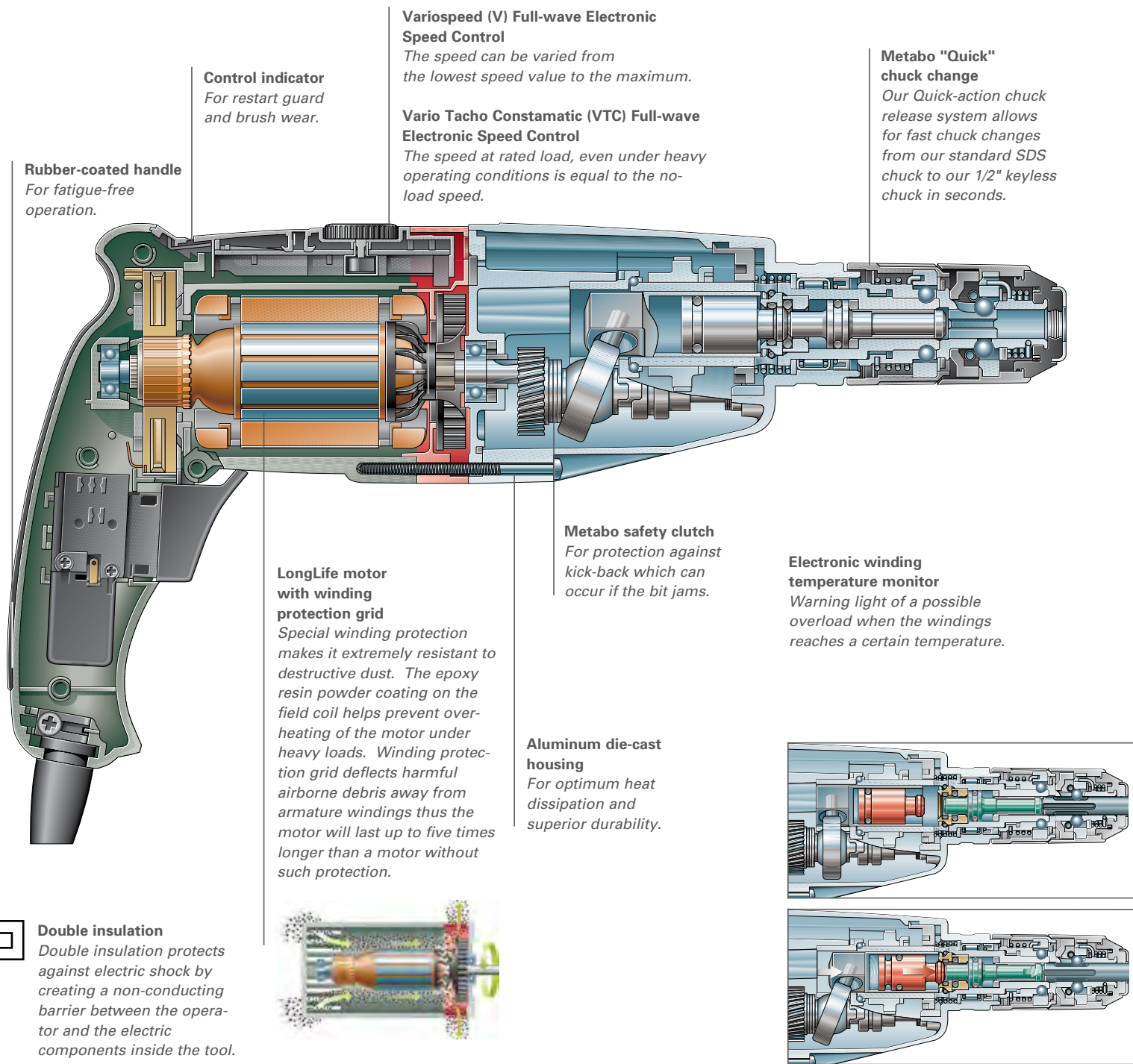
Model #	SBE710	SBE751	SBE1100 Plus
Order #	600862620	600863620	600867620
Variospeed (V) electronics	●	●	
Vario tacho constamatic (VTC) electronics			●
LongLife motor	●	●	●
Electronic winding-temperature monitor			●
Aluminum die-cast gear housing	●	●	●
Safety non-slip Side handle	●	●	●
2-speed gear-box	●	●	●
Electronic soft start feature			●
Max. speed controlled by adjusting dial			●
Current interruption protection			●
Maintenance reminder light			●
Swivel cord connection	●	●	●
Reversing switch	●	●	●
Chuck	1/2" Geared	1/2" Geared	1/2" Keyless
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum tightening torque	248 inch lbs.	265 inch lbs.	389 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
Rubber coated handle	●	●	●
Capacity			
- in concrete	3/4"	3/4"	3/4"
- in mild steel	1/2"	1/2"	5/8"
- in softwood	1 9/16"	1 9/16"	1 9/16"
No-load speed (RPM)	0-1000/0-3100	0-1000/0-3100	0-900/0-2800
No-load blows per minute (BPM)	0-59,000	0-59,000	0-53,000
Amps	5.8	6.5	9.6
Rated input watts	710	750	1100
Chuck capacity	1/2"	1/2"	1/2"
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight	6.8 lbs.	7.0 lbs.	7.4 lbs.
Shipping weight	11.5 lbs.	11.7 lbs.	12.1 lbs.
Length	14 1/2"	14 1/2"	14 1/2"
Carrying case	344454110 (standard)	344454110 (standard)	344454110 (standard)
Standard Equipment:	1/2" chuck (635250000) Side handle (314001030) Depth gauge (341511630) Chuck key (635167000)	1/2" chuck (635250000) Side handle (314001030) Depth gauge (341511630) Chuck key (635167000)	1/2" chuck (636226000) Side handle (314001020) Depth gauge (341511630)
Optional Equipment:	Dust extraction kit (631600000)	Dust extraction kit (631600000)	Dust extraction kit (631600000)



THE TOUGHEST TOOLS IN TOWN.

At Metabo when we do something, we do it right. That is why our rotary hammers are made the way tools should be for professionals; sturdy, powerful and durable. Check out our complete range of rotary hammers. You are certain to find the power you need for the toughest applications. **Metabo. Work. Don't play.**















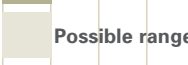
Relaxed working due to ergonomic design

Optimum tuning of the design to the user's needs enables safe, comfortable and fatigue-free work.

High Performance Elektro-Pneumatic Hammer Mechanism

Delivers high impact energy with every blow, allowing for faster drilling and increased operator comfort. The high output design allows Metabo rotary hammers to be lightweight yet extremely powerful. Minimal pressure is required even to drill large diameter holes.

Which is the right rotary hammer for you?

Hammer drilling in concrete/stone (inches)														Drilling in Metal max. inches		Drilling in Wood max. inches		Chiselling Light Heavy		Type and output	Variations	Page												
5/32"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-9/16"	1-3/4"	2"																					
Multi-hammers																																		
														1/2"-5/16"	2 5/8"-3/4"			● ● ●	○ ○ ○	UHE2850 2.7 J													26	
Rotary hammers																																		
														1/2"	1 3/16"			○ ○ ○	○ ○ ○	BHE2243 2.3 J														24
Combination rotary hammers																																		
														1/2"	1 3/16"			● ● ○	○ ○ ○	KHE2243 2.3 J														24
														1/2"	1 3/16"			● ● ○	○ ○ ○	KHE-D24 2.2 J														25
														1/2"	1 9/16"			● ● ●	○ ○ ○	KHE-D28 2.5 J														25
														1/2"	1 3/8"			● ● ●	● ○ ○	KHE3250 3.1 J														26
														-	-			● ● ●	● ● ○	KHE56 14 J														27
														-	-			● ● ●	● ● ●	KHE76 16 J														27
														-	-			● ● ●	● ● ●	KHE96 27 J														27
Chipping hammers																																		
														-	-			● ● ●	● ● ●	MHE56 14 J														28
														-	-			● ● ●	● ● ●	MHE96 27 J														28

We are also

DEMANDING

of our business partners



BHE2243
7/8" SDS Rotary Hammer



KHE2443
1" SDS Rotary Hammer
with Rotostop

Model #	BHE2243	KHE2443
Order #	604480420	600597420
Single blow energy (measured in joules)	2.3	2.3
Variospeed (V) electronics	●	●
LongLife motor	●	●
Suitable for light chiselling work		●
Percussion stop for drilling only operations	●	●
Aluminum die-cast gear housing	●	●
Reversing switch	●	●
Metabo slip clutch	●	●
Rubber coated handle	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Maximum tightening torque	133 inch lbs. Inquire about 220V availability	133 inch lbs. Inquire about 220V availability
Capacity		
- in concrete using solid bits	7/8"	1"
- in mild steel	1/2"	1/2"
- in softwood	1 3/16"	1 3/16"
No-load speed (RPM)	0-1150	0-1150
No-load blows per minute (BPM)	0-5400	0-5400
Amps	7.1	7.0
Rated input watts	800	800
Tool weight	6.8 lbs.	7.0 lbs.
Shipping weight	11.0 lbs.	11.2 lbs.
Length	13"	13 5/8"
Carrying case	344454110 (standard) 656304000 (optional metal)	344454110 (standard) 656304000 (optional metal)
Standard Equipment:	Side handle (314000840) Depth gauge (341511630)	Side handle (314000840) Depth gauge (341511630)
Optional Equipment:	Dust extraction kit (631600000)	Dust extraction kit (631600000)



KHE-D24
1" SDS Rotary Hammer
w/Rotostop



KHE-D28
1 1/8" SDS Rotary Hammer
w/Rotostop

D-Stroyer™ Rotary Hammers

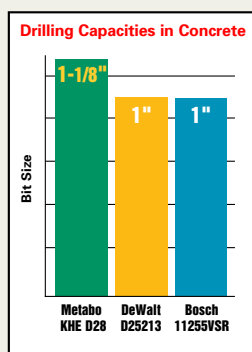
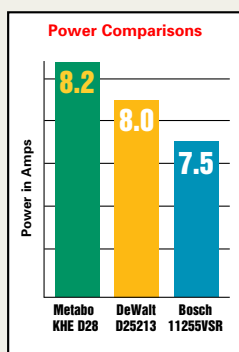
*The most powerful SDS
D-handle rotary hammer.*

KHE-D28

- Most powerful D-handle tool...
8.2 Amps vs. Bosch Bulldog
Extreme 7.5 Amps
- Greatest drilling capacity...
1-1/8" vs. Bosch Bulldog
Xtreme and others at 1"
- Metabo VTC Speed Stabilization
makes the KHE-D28 the fastest
in its class!

KHE-D24

- 1" drilling capacity in concrete
- Compact and lightweight
- Metabo Premium Power motor



Model #	KHE-D24	KHE-D28
Order #	600223420	600224420
Single blow energy (measured in joules)	0-2.2	0-2.5
Variospeed (V) electronics	●	
Vario tacho constamatic (VTC) electronics		●
LongLife motor	●	●
Quick-change chuck system		●
Chisel positions	● 12 settings	● 12 settings
Percussion stop for drilling only operations	●	●
Rotation stop for chiseling operations	●	●
Aluminum die-cast gear housing	●	●
Reversing switch	●	●
Metabo slip clutch	●	●
Rubber coated handle	●	●
Carbon brush wear indicator		●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Maximum tightening torque	106 inch lbs.	177 inch lbs
Capacity		
- in concrete using solid bits	1"	1 1/8"
- in brickwork using thin wall core bits	3 1/8"	3 1/2"
- in mild steel	1/2"	1/2"
- in softwood	1 3/16"	1 9/16"
No-load speed (RPM)	0-1000	0-1000
No-load blows per minute (BPM)	0-4600	0-4600
Amps	5.6	8.2
Rated input watts	720	1010
Tool weight	7.4 lbs.	8.1 lbs.
Shipping weight	12.3 lbs.	13.0 lbs.
Length	16 3/4"	18"
Carrying case	344454120 (standard)	344454120 (standard)
Standard Equipment:	Side handle (314000770)	Side handle (314000770)
	Depth gauge (341511630)	Depth gauge (341511630)
Optional Equipment:	Dust extraction kit (631600000)	1/2" Keyless 3-jaw chuck (631921000) Dust extraction kit (631600000)

(See page 31 for SDS-Plus masonry bits and page 34 for SDS-Plus chisels)



UHE2850 Multi
1 1/8" Multi-purpose Hammer
w/Rotostop



KHE3250
1 1/8" SDS Rotary Hammer
w/Rotostop

NEW

UHE2850 Multi Hammer

3 Tools in 1

1- 2 Speed Drill

2- 1-1/8" Rotary Hammer

3- Chipping Gun

...all in a single unit!

This versatile, powerful rotary hammer lets you perform drilling, impact drilling or rotation-only operations with a single tool.

Unique to this tool is a rotary hammer function that allows for effective drilling of concrete, brick, and other masonry materials. A chiseling function allows chiseling of the same materials. By switching to the two speed drill mode you can effectively drill into virtually any non-masonry material: wood, steel, plastic, glass, etc. All materials, one tool!

To further enhance versatility and functionality, the UHE Multi Hammer is furnished with a quick-change SDS chuck... and an additional quick-change three-jawed chuck that accepts a full range of non-masonry bits and allows bit changes without the use of tools.

SDS chuck



Quick-change,
three-jawed chuck



When you're looking for on-the-job versatility and long-lasting performance, the Metabo UHE2850 Multi Hammer gives you more...much more!

Model #	UHE2850 Multi	KHE3250
Order #	600712420	600637420
Single blow energy (measured in joules)	0-2.75	0-3.1
Vario tacho constamatic (VTC) electronics	●	
Variospeed (V) electronics		●
LongLife motor	●	●
2-speed gear-box for drilling wood or metal	●	
Quick-change chuck system	●	
Chisel positions	● 30 settings	● 12 settings
Percussion stop for drilling only operations	●	●
Rotation stop for chiseling operations	●	●
Aluminum die-cast gear housing	●	●
Reversing switch	●	●
Metabo slip clutch	●	●
Rubber coated handle	●	●
Carbon brush wear indicator	●	
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic speed stabilization	●	
Variable speed controlled by adjusting dial	●	
Winding temperature monitor	●	
Swivel cord connection	●	●
Maximum tightening torque	195 inch lbs.	177 inch lbs.
	Inquire about 220V availability	
Capacity		
- in concrete using solid bits	1 1/8"	1 1/4"
- in brickwork using thin wall core bits	3 1/8"	3 1/8"
- in mild steel	1/2" - 5/16"	1/2"
- in softwood	2 5/8" - 3/4"	1 3/8"
No-load speed (RPM)	0-950/0-2600	0-1150
No-load blows per minute (BPM)	0-4400	0-4470
Amps	9.0	8.5
Rated input watts	1010	800
Tool weight	8.1 lbs.	7.3 lbs.
Shipping weight	13.5 lbs.	12.5 lbs.
Length	15 9/16"	12.5"
Carrying case	344454110 (standard)	344454080 (standard)
Standard Equipment:	Side handle (314001230) Depth gauge (343398230) 1/2" Keyless 3-jaw chuck (631930000) SDS chuck (316046990)	Side handle (314000880) Depth gauge (341511630)
Optional Equipment:	Dust extraction kit (631600000)	



KHE76
2" SDS-Max Rotary Hammer



KHE56
1 3/4" SDS-Max Rotary Hammer



KHE96
2" SDS-Max Rotary Hammer

Model #	KHE56	KHE76	KHE96
Order #	600340420	600341420	600596420
Single blow energy (measured in joules)	1-14.0	1-16.0	1-27.0
Vario tacho constamatic (VTC) electronics	●	●	●
Suitable for chiselling work w/rotation stop	●	●	●
Chisel positions	● 12 settings	● 12 settings	● 16 settings
MVT vibratex handles	●	●	●
Active vibration control		●	
Metal die-cast gear housing	● magnesium	● magnesium	● aluminum
Impact reduction switch	●	●	
Metabo slip clutch	●	●	●
Carbon brush wear indicator	●	●	●
Variable speed controlled by adjusting dial			●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Electronic speed stabilization	●	●	●
360° Support handle	●	●	●
Maximum tightening torque	796 inch lbs.	796 inch lbs.	1062 inch lbs.
Capacity	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
- in concrete using solid bits	1 3/4"	2"	2"
- in concrete using core bits	4"	6"	6"
No-load speed (RPM)	0-450	0-300	125-250
Blows per minute (BPM)	0-2840	0-2735	0-1950
Amps	14	15	15
Rated input watts	1300	1500	1700
Tool weight	17.75 lbs.	18.5 lbs.	28 lbs.
Shipping weight	25.75 lbs.	28.25 lbs.	40.2 lbs.
Length	18"	19 5/16"	27 3/4"
Carrying case	344453630 (standard)	344453760 (standard)	344453190 (standard)
Standard Equipment:	Anti-vibration Side handle (314001080) Depth gauge (331050750) Grease (631800000) Cleaning cloth	Anti-vibration Side handle (314001150) Depth gauge (331050750) Grease (631800000) Cleaning cloth	Anti-vibration Side handle (314001130) "D" support handle (316042080) Grease (631800000) Cleaning cloth

(See page 32 for SDS-Max masonry bits and page 34 for SDS-Max chisels)






MHE56
SDS-Max Demolition Hammer



MHE96
SDS-Max Demolition Hammer

Model #	MHE56	MHE96
Order #	600366420	600396420
Single blow energy (measured in joules)	1-14.0	1-27.0
Vario tacho constamatic (VTC) electronics	●	●
Lock on switch	●	●
Chisel positions	● 12 settings	● 16 settings
MVT Vibration damping construction	●	●
Metal die-cast gear housing	● magnesium	● aluminum
Impact reduction switch	●	
Carbon brush wear indicator	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic speed stabilization	●	●
Variable speed controlled by adjusting dial		●
360° Support handle	●	●
	Inquire about 220V availability	Inquire about 220V availability
Blows per minute (BPM)	0-2840	0-1950
Amps	14	15
Rated input watts	1300	1600
Tool weight	16.75 lbs.	26.5 lbs.
Shipping weight	24.8 lbs.	38.6 lbs.
Length	18"	27 3/4"
Carrying case	344453630 (standard)	344453190 (standard)
Standard Equipment:	"D" Support handle (316042550) Grease (631800000) Cleaning cloth	Anti-vibration Side handle (314001050) "D" Support handle (316042080) Grease (631800000) Cleaning cloth

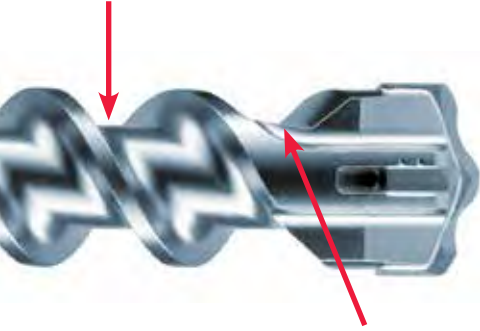
(See page 34 for SDS-Max chisels)

Accessories	
 <p>630828000 Dust extraction kit for corded and cordless drills, hammer drills and SDS-Plus rotary hammers. Includes handle, hose and 2 vacuum adaptors.</p>	 <p>623371000 SDS-Max to SDS adaptor</p>
 <p>631591000 Dust extraction device for hammer drills and SDS hammers with depth stop for 5/8" - 1 9/16" diameter bits. Requires 631594000.</p>	 <p>676137000 Spline to SDS-Max adaptor</p>
 <p>631594000 Support handle (goes with 631590000 & 631591000) for fitting the dust-extraction devices on the collar of the tool.</p>	 <p>630276000 Spline to SDS-Plus adaptor</p>
 <p>631592000 Vacuum hose 15' long with 30mm internal diameter and 35mm external diameter connecting pieces. Requires 630316000 or 631593000 adaptor.</p>	 <p>630928000 SDS chuck adaptor 1/2 x 20 threads. Use it to mount specialty chucks and accessories on Metabo SDS rotary hammers.</p>
 <p>630316000 Adaptor Used for connecting 631592000 vacuum hose to standard 2 1/4" vacuum inlets.</p>	 <p>631285000 SDS chuck adaptor Suitable for drilling applications only. For use with most 1/2 x 20 thread chucks on all Metabo SDS rotary hammers (includes clamping bushing for 1/4" hex accessories).</p>
 <p>631593000 Adaptor Used for connecting 631592000 vacuum hose to standard 1 1/4" vacuum inlets.</p>	 <p>631921000 Quick-action drill chuck For use with the KHE-D28.</p>
 <p>600890000 Drill Stand Adjustable depth guide. Tool clamp dia.: 43 mm Stroke: 2 9/16" Distance - center to column: 6 1/2" Base dimensions: 8 5/8" x 8 3/8"</p>	 <p>631930000 Quick-action drill chuck For use with the UHE2850.</p>
	 <p>631920000 SDS Plus chuck For use with the KHE-D28.</p>
	 <p>316046990 SDS Plus chuck For use with the UHE2850.</p>

4-Cutter Design

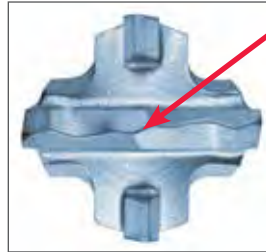
Flute Design:

Enhances the vibration characteristics of the drill bit. The impact energy of the rotary hammer is transferred efficiently into drilling performance and thus provides less strenuous drilling. The flute geometry provides best dust removal, especially when working vertically. The friction in the hole is minimized when the dust is ejected quickly.



Shortened Entrance Groove:

The head with short dust entrance grooves ensures that the drill bit dust is removed quickly from the hole.



Centering Point:

For improved centering on hard or smooth surfaces. The aggressive carbide tip geometry optimizes the cutting characteristic when drilling through reinforcement bars. The centering point keeps the hole straight so there is less friction and wear on the sides of the flutes.

Both the 4-Cutter & 2-Cutter Design feature 4 Flute Construction



- **Two additional flutes** reduces the vibration and improves the effect of the hammer action.
- **Thicker cross-section** transfers more impact directly to the cutting tip.
- **The patented four fluted design** provides faster, easier drilling with less strain on operator and tool

2-Cutter Design

Aggressive Cutting Edge for

- extremely fast penetration
- drilling through very hard stone
- cutting through rebar
- quickly and smoothly penetrating tile and other hard surfaces



Ground Flute for

- fast penetration
- best drill dust removal

High Alloy Steel for

- long tool life
- improved impact transfer to cutting tip
- less wear on flute edges and hammer contact end

Distinctive Centering Point for

- precise spot drilling
- effective guidance of drill bit to minimize flute wear
- precise start on very hard surfaces

Ultra-X Design

Flute design for

- minimizing vibration and maximizing bit life

High volume:

- fast spiral quickly removes dust



4-Cutter

- Unique solid carbide head
- Optimal performance in reinforced concrete



Dia. (inches)	Drilling Depth (inches)	Total Length (inches)	2-Cutter	Bulk Packs	Qty. (per pack)	4-Cutter	Ultra-X
5/32	2	4	674505000 (Pro 4)	676276000	25		
5/32	4	6	674605000 (Pro 4)	674652000	25		
5/32	2-3/8	5	688067000 (Tapcon)				
5/32	3-1/8	6	688068000 (Tapcon)				
5/32	4-1/8	7	688069000 (Tapcon)				
3/16	2	4	674506000 (Pro 4)	676277000	25		674840000
3/16	4	6	674606000 (Pro 4)	674656000	25		674841000
3/16	6	8	676127000 (Pro 4)				674842000
3/16	8	10	676147000 (Pro 4)				674843000
3/16	10	12	674706000 (Pro 4)				674844000
3/16	12	14	676148000 (Pro 4)				
3/16	2-3/8	5	688070000 (Tapcon)				
3/16	3-1/8	6	688071000 (Tapcon)				
3/16	4-1/8	7	688072000 (Tapcon)				
3/16	14	16	676507000 (Pro 4)				
7/32	4-1/4	6-1/4	676132000 (Pro 4)				
7/32	6-1/4	8-1/4	676129000 (Pro 4)				
7/32	9	11	676130000 (Pro 4)				
7/32	12	14	676149000 (Pro 4)				
7/32	14	16	676131000 (Pro 4)				
1/4	2	4	674508000 (Pro 4)	674558000	25		674845000
1/4	4	6	674708000 (Pro 4)	674758000	25		674846000
1/4	6	8	674808000 (Pro 4)	676281000	25		674847000
1/4	8	10					674848000
1/4	9	11	674908000 (Pro 4)	674908100	25		
1/4	10	12					674849000
1/4	12	14	676150000 (Pro 4)				
1/4	14	16	676151000 (Pro 4)				
1/4	18	20	674909000 (Pro 4)				
9/32	6	8	676152000 (Pro 4)				
5/16	4	6	674510000 (Pro 4)	676282000	25		674850000
5/16	6	8	674710000 (Pro 4)				674851000
5/16	10	12	674810000 (Pro 4)				674852000
5/16	16	18					674853000
3/8	4	6	674512000 (Pro 4)	674562000	20		
3/8	6-1/4	8-1/4	676125000 (Pro 4)	676283000	25		
3/8	8	10	674712000 (Pro 4)				
3/8	10-1/4	12-1/4	676123000 (Pro 4)				674854000
3/8	16	18	674713000 (Pro 4)				674855000
3/8	22	24	674714000 (Pro 4)				
7/16	4	6	674514000 (Pro 4)				674856000
7/16	8-1/4	10-1/4	676153000 (Pro 4)				
7/16	10-1/4	12-1/4	676133000 (Pro 4)				674857000
7/16	16	18	676154000 (Pro 4)				674858000
1/2	4	6	674516000 (Pro 4)	674566000	25		674859000
1/2	8	10	674716000 (Pro 4)				
1/2	10-1/4	12-1/4	688062000 (Pro 4)				674860000
1/2	16	18	674816000 (Pro 4)				674861000
1/2	22	24	674818000 (Pro 4)				
9/16	4-1/4	6-1/4	674819000 (Pro 4)				674862000
9/16	8-1/4	10-1/4	676155000 (Pro 4)				
9/16	10-1/4	12-1/4	676156000 (Pro 4)				674863000
9/16	16	18	676157000 (Pro 4)				674864000
5/8	4-1/4	6-1/4	676158000 (Pro 4)				
5/8	6	8	674520000 (Pro 4)	676286000	10	688074000	
5/8	8	10				676173000	
5/8	10	12	674620000 (Pro 4)			676174000	
5/8	16	18	674720000 (Pro 4)			676177000	
5/8	22	24	676159000 (Pro 4)				
11/16	6	8	676166000 (Pro 4)				
11/16	10	12	676167000 (Pro 4)				
3/4	6	8	674524000 (Pro 4)	676288000	15		
3/4	8	10	676126000 (Pro 4)			676181000	
3/4	10	12	674624000 (Pro 4)			676183000	
3/4	16	18	674724000 (Pro 4)			676185000	
3/4	22	24	676168000 (Pro 4)				
7/8	6	8	676169000 (Pro 4)			676191000	
7/8	8	10	674528000 (Pro 4)			676192000	
7/8	10-1/4	12-1/4	676170000 (Pro 4)			676193000	
7/8	16	18	674728000 (Pro 4)			676196000	
1	6	8	676171000 (Pro 4)				
1	8	10	674600000 (Pro 4)			676199000	
1	10	12	676172000 (Pro 4)			676201000	
1	16	18	674800000 (Pro 4)			676205000	
1-1/8	8	10				674804000	
1-1/8	16	18				688065000	
1-1/4	16	18				688066000	
Assortment bit kit			688073000 (Tapcon)				

SDS-Plus Shank

Fits Metabo KHE-D24, KHE-D28, BHE2243, KHE2443, KHE3250, UHE2650, BHA18, KHA24 and all SDS-Plus Rotary Hammers

>Pro 4< Design
Bit diameters 5/32" - 5/8"

ADVANTAGES



- Unique tip design provides easy centering and fast drilling
- Chisel-shaped bit head penetrates material rapidly
- Multifluted spiral shaft quickly removes concrete dust from the hole for faster drilling and longer bit life
- Reinforced flute geometry reduces vibration and transfers more impact power to the tip, further enhancing drilling speed and life expectancy

Standard 2-Cutter Design

Bit diameters 11/16" - 1"

ADVANTAGES



- Chisel-shaped bit head penetrates material rapidly
- Dust and debris removed quickly by the asymmetrical double fluted shaft
- Reinforced linear core improves stability and maximizes power transmission from the rotary hammer to the bit's tip
- Narrow lands reduce friction and vibration, relieving strain on user and rotary hammer

4-Cutter Design

Bit diameters 5/8" - 1 1/4"

ADVANTAGES



- Drills precise round holes for ease of anchor installation and stronger anchor holding
- Lowest vibration for greater user comfort and reduced strain on the rotary hammer
- Maximum drilling speed from additional carbide in tip
- Double spiral flute for fast dust extraction maximizes bit life and drilling speed

Ultra-X

Bit diameters 3/16" - 9/16"

ADVANTAGES



- One piece 4-cutter solid carbide head for optimal performance in reinforced concrete
- 4 x 90° solid head; low vibration, precise holes
- Chisel-shaped bit head penetrates material rapidly
- Fast spiral flutes for rapid removal of dust
- Optimized flute core strength

SDS-Max Shank - Fits Metabo KHE56, KHE76, KHE96 and all SDS-Max Rotary Hammers

2-Cutter Design 1/2"-9/16"

4-Cutter Design 5/8"-2"



ADVANTAGES

- Unique head design reduces friction in the hole resulting in faster drilling speed and maximum bit life
- Large volume double spiral flutes provide rapid dust removal further enhancing bit life and drilling speed
- Drills precise round holes for ease of anchor installation and stronger anchor holding
- Patented flute design minimizes vibration and noise thus protecting both tool and operator



SDS-Max	Order No.	Diameter (inches)	Drilling Depth (inches)	Total Length (inches)
2 Cutter	676516000	1/2	8	13
	676616000	1/2	12	17
	676716000	1/2	16	21
	676258000	9/16	8	13
	676134000	9/16	16	21
	676620000	5/8	12	17
	676259000	5/8	31	36
	676520000	5/8	8	13
	676720000	5/8	16	21
	676260000	11/16	16	21
	676524000	3/4	8	13
	676624000	3/4	12	17
	676724000	3/4	16	21
	676261000	3/4	31	36
	676262000	13/16	16	21
	676263000	27/32	8	13
	676264000	27/32	16	21
	676528000	7/8	8	13
	676628000	7/8	12	17
	676728000	7/8	16	21
4 Cutter	676265000	7/8	31	36
	676700000	1	8	13
	676800000	1	12	17
	676900000	1	16	21
	676266000	1	31	36
	676267000	1-1/16	18	23
	676804000	1-1/8	12	17
	676904000	1-1/8	16	21
	676268000	1-1/8	31	36
	676269000	1-3/16	18	23
	676270000	1-1/4	10	15
	676808000	1-1/4	12	17
	676908000	1-1/4	18	23
	676271000	1-1/4	31	36
	676709000	1-3/8	12	17
	676912000	1-3/8	18	23
	676272000	1-3/8	31	36
	676273000	1-7/16	18	23
	676274000	1-1/2	12	17
	676916000	1-1/2	18	23
676275000	1-9/16	18	23	
676924000	1-3/4	18	23	
676135000	2	18	23	




Spline Shank - Fits Metabo KHE54 and all Spline Drive Rotary Hammers

2-Cutter Design 3/8"-2"
4-Cutter Design 5/8"-1 1/2"



ADVANTAGES

- Unique head design reduces friction in the hole resulting in faster drilling speed and maximum bit life
- Large volume double spiral flutes provide rapid dust removal further enhancing bit life and drilling speed
- Drills precise round holes for ease of anchor installation and stronger anchor holding
- Patented flute design minimizes vibration and noise thus protecting both tool and operator

					
		Order No.	Diameter	Drilling Depth	Overall Length
SPLINE SHANK	4-Cutter	676020000	5/8	5	10
		676120000	5/8	11	16
		676119000	5/8	17	22
		676247000	5/8	24	29
		676248000	5/8	31	36
		676249000	3/4	5	10
		676124000	3/4	11	16
		676324000	3/4	17	22
		676250000	3/4	31	36
		676128000	7/8	11	16
		676328000	7/8	17	22
		676200000	1	11	16
	676400000	1	17	22	
	676254000	1	24	29	
	676253000	1	31	36	
	676404000	1-1/8	17	22	
	676408000	1-1/4	17	22	
	676255000	1-1/4	24	29	
	676257000	1-1/4	31	36	
	676412000	1-3/8	17	22	
	676416000	1-1/2	17	22	

Straight Shank - Fits Metabo Hammer Drills SBE561, SBE710, SBE751, SBE1100 and all Hammer Drills with 3-Jaw Chucks

>Pro VX2< Design
 Bit diameters 1/8"-1"





ADVANTAGES

- Special carbide tip has low wear, high life expectancy, and improved resistance to damage when hitting rebar
- Aggressive carbide cutting edge provides rapid penetration and makes drilling possible even through hard aggregate
- Centering point on tip reduces bit "walking"
- 30% more holes per charge when used with cordless impact drills
- Premium alloy steel construction maximizes life expectancy

Note: Other sizes available on a special order basis

*without centering point on tip

					
		Order No.	Diameter	Drilling Depth	Overall Length
SPLINE SHANK	2-Cutter	676122000	3/8	5	10
		676222000	3/8	8	13
		676223000	3/8	11	16
		676224000	7/16	8	13
		676016000	1/2	5	10
		676116000	1/2	11	16
		676118000	1/2	17	22
		676225000	1/2	24	29
		676226000	1/2	31	36
		676227000	9/16	5	10
		676228000	9/16	8	13
		676229000	9/16	11	16
		676230000	9/16	18	23
		676231000	9/16	24	29
		676232000	5/8	8	13
		676121000	5/8	16	22
		676234000	5/8	24	29
		676233000	5/8	31	36
		676235000	11/16	11	16
		676236000	3/4	5	10
		676237000	3/4	8	13
		676251000	3/4	11	16
		676252000	3/4	17	22
		676239000	3/4	24	29
		676238000	3/4	31	36
		676240000	7/8	8	13
		676241000	7/8	31	36
		676242000	1	8	13
		676031000	1	11	16
		676033000	1	17	22
		676244000	1	24	29
		676243000	1	31	36
		676037000	1-1/8	11	16
		676039000	1-1/8	17	22
676041000	1-1/4	11	16		
676043000	1-1/4	17	22		
676047000	1-3/8	17	22		
676245000	1-1/2	11	16		
676246000	1-3/4	17	22		
676136000	2	17	22		

					
		Order No.	Diameter	Drilling Depth	Overall Length
STRAIGHT SHANK	2-Cutter	674004000*	1/8	1-3/8	3
		676290000	5/32	4	6
		674006000	3/16	1-5/8	3-1/2
		674206000	3/16	4	6
		676291000	7/32	4	6
		674008000	1/4	2	4
		674108000	1/4	4	6
		676138000	1/4	10	12
		676139000	1/4	22	24
		676140000	9/32	2	4
		674010000	5/16	2-3/4	4-3/4
		674210000	5/16	4	6
		674410000	5/16	10	12
		674012000	3/8	4	6
		674412000	3/8	10	12
		674213000	3/8	18	20
		676141000	3/8	22	24
		674014000	7/16	4	6
		674016000	1/2	4	6
		674416000	1/2	10	12
		674216000	1/2	18	20
		676142000	1/2	22	24
		676143000	9/16	4	6
		674020000	5/8	4	6
		674420000	5/8	10	12
		676144000	5/8	22	24
		674024000	3/4	4	6
		674424000	3/4	10	12
		674028000	7/8	4	6
		676145000	7/8	10	12
		674100000	1	4	6
		674300000	1	10	12
		676146000	1	22	24

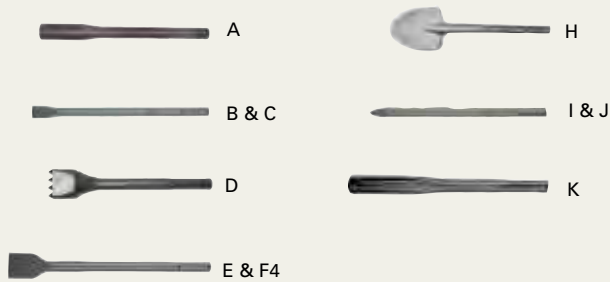
SDS Plus Shank Chisels

- Precisely sharpened, they will retain their cutting edge over a long time
- Made of specially tough breakage resistant steel
- Easy to reforge

Order No.		Description	Width (inches)	Total Length (inches)	Pcs/Pk
631420420	A	COLD CHISEL	3/4	10	1
631425420	B	SCALING CHISEL	1 1/2	10	1
631421420	C	BULL POINT	---	10	1
631422420	D	GROOVING CHISEL	15/16	9 1/2	1
630992000	E*	CIRC POINTED	---	10	1

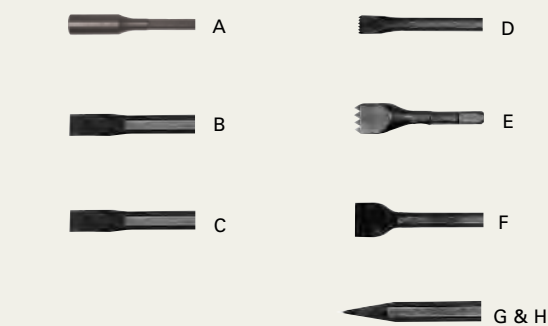


Chisels for SDS-Max Rotary Hammers



Order No.		Description	Width (inches)	Total Length (inches)	Pcs/Pk
655054000	A	GROUND ROD DRVR	7/8	10 1/4	1
623353420	B	COLD CHISEL	1	12	1
623354420	C	COLD CHISEL	1	18	1
655079000	D	BUSHING TOOL	1 3/4	9 1/2	1
623355420	E	SCALING CHISEL	2	12	1
676002000	E	SCALING CHISEL	2	16	1
623384420	F	ASPHALT CHISEL	3 1/2	16	1
623356420	G	SCALING CHISEL	3	12	1
676001000	H	CLAY SPADE	4 1/4	16	1
623351420	I	BULL PT CHISEL	---	12	1
623352420	J	BULL PT CHISEL	---	18	1
623357420	K	GROOVING CHISEL	1	12	1

Chisels for Spline Rotary Hammers



Order No.		Description	Width (inches)	Total Length (inches)	Pcs/Pk
655053000	A	GROUND ROD DRIVER	7/8	10 1/4	1
623361420	B	COLD CHISEL	1	12	1
630381420	C	COLD CHISEL	1	18	1
623364420	D	SLOTTING CHISEL	1 1/8	12	1
655078000	E	BUSHING TOOL	1 3/4	9 1/4	1
623363420	F	SCALING CHISEL	2	12	1
623360420	G	BULL PT CHISEL	---	12	1
630380420	H	BULL PT CHISEL	---	18	1

Floor Scraper for Spline and SDS-Max Rotary Hammers



Order No.		Description	Width (inches)	Total Length (inches)	Pcs/Pk
655020000	A	FLOOR SCRAPER HEAD	6	8	1
655021000	B	SPLINE SHANK	---	15	1
655022000	C	SDS-MAX SHANK	---	15	1
655023000	D	REPLACEMENT BLADE WITH HARDWARE	---	---	1

Core Bits



- Patented design with body clearance drills faster
- Tooth geometry provides better centering, improved resistance to rebar and longer bit life

Diameter	Length	Order No.
1 1/2"	4"	675716000
2"	4"	675720000
2 5/8"	4"	675726000
3 1/8"	4"	675730000
3 1/2"	4"	675736000
4"	4"	675740000
5"	4"	675750000

Individually packaged in plastic twist-off tubes.

Threaded Bolt and Centering Bit

	Description	Order No.
A	6" x 1/2" CENTERING BIT	675701000
B	THREADED BOLT	675703000



Note: Core bit attaches to bit holder or bit holder extension with either the 675701000 centering bit or 675703000 threaded bolt.

- For core bits.

	Description	Overall Length	Order No.
A	SDS-MAX*	7"	675915000
B	SPLINE	7"	675910000

Individually packaged in plastic twist-off tubes.
*Registered trade mark of Robert Bosch Inc.



Bit Holder Extension



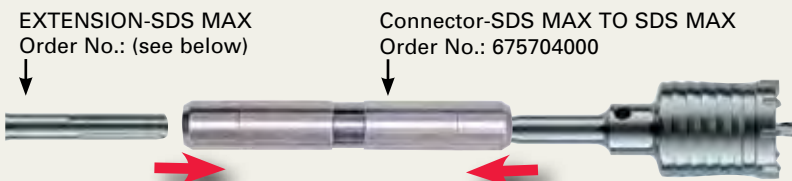
- Bit holder extension for deep hole drilling, multiple extensions possible

Description	Order No.
EXTENSION 1" X 11"	675702000

Individually packaged in plastic tubes.

SDS-MAX Drill Bit adaptor/extension system

- Inexpensive system will extend drilling depth up to 43" (even longer by attaching additional connectors and extensions)
- Simple to use/no energy loss
- 1 3/16" Minimum hole diameter for through drilling
- Universal adaptors available for SDS-Max, Spline, SDS-Plus



Description	Order No.
CONNECTOR-SDS MAX TO SDS MAX	675704000
EXTENSION-SDS MAX 43"	675705000
EXTENSION-SDS MAX 30"	675706000
EXTENSION-SDS MAX 12.5"	675707000

One piece construction Core Bits - SIMPLIFIED USE

Diameter	Overall Length	Drilling Depth	SDS-Max Shank	Spline Shank
1-1/2"	12	6-1/4"	675800000	675820000
1-1/2"	22	16-3/4"	675801000	675821000
1-3/4"	12	6-1/4"	675802000	675822000
1-3/4"	22	16-3/4"	675803000	675823000
2"	12	6-1/4"	675804000	675824000
2"	22	16-3/4"	675805000	675825000
2-5/8"	12	6-1/4"	675806000	675826000
2-5/8"	22	16-3/4"	675807000	675827000
3-1/8"	12	6-1/4"	675808000	675828000
3-1/8"	22	16-3/4"	675809000	675829000
3-1/2"	12	6-1/4"	675810000	675830000
3-1/2"	22	16-3/4"	675811000	675831000
4"	12	6-1/4"	675812000	675832000
4"	22	16-3/4"	675813000	675833000
5"	12	6-1/4"	675814000	675834000
5"	22	16-3/4"	675815000	675835000
6"	22	16-3/4"	675816000	675836000



Replacement Pilot Drill*
675891000

Replacement Drift Key, Round*
675892000

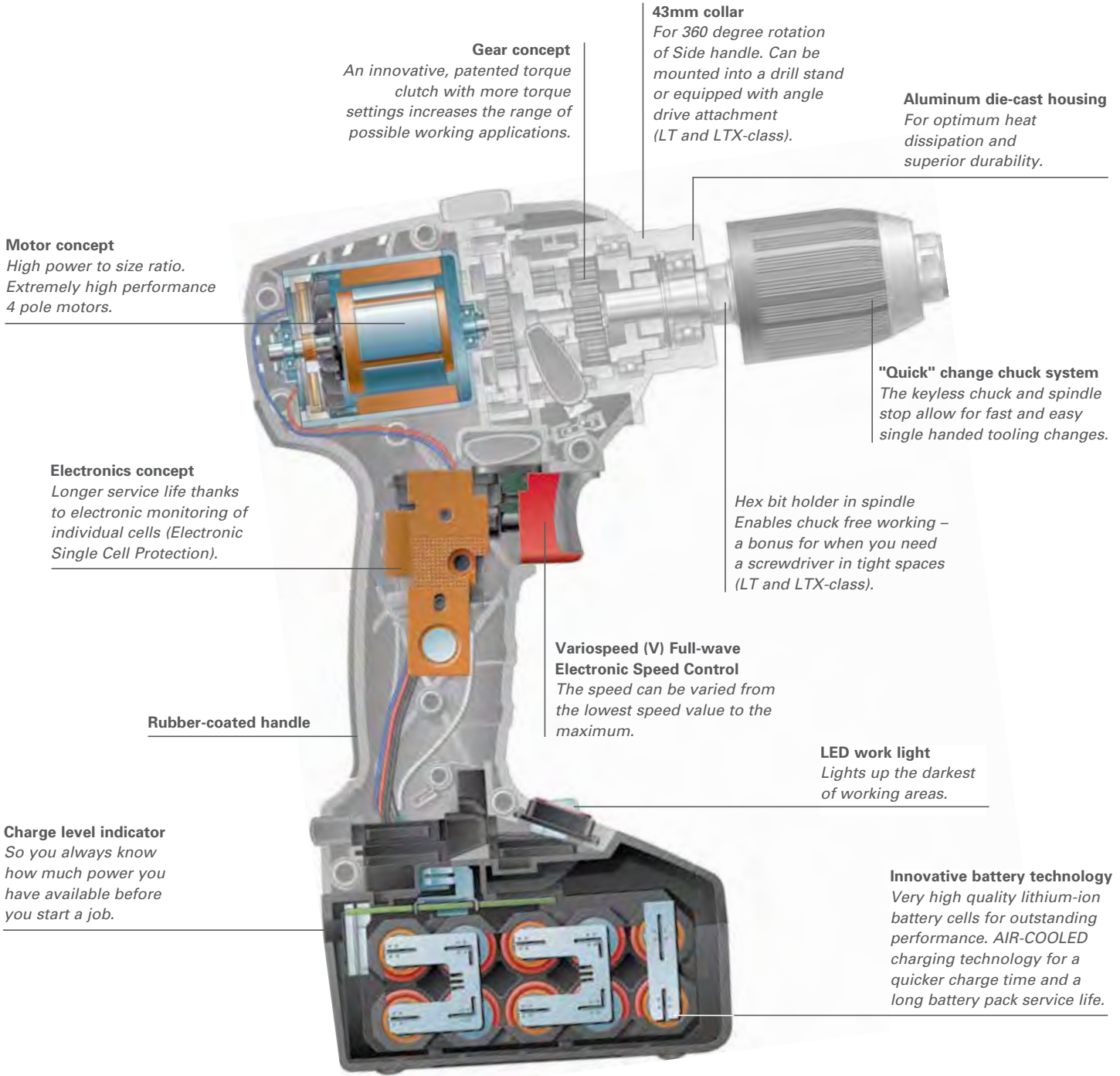
*included with one piece core bits



METABO CORDLESS, DESIGNED TO EXCEED EXPECTATIONS.

Metabo has developed a range of cordless tools designed to exceed the requirements that tradesmen bring to the job every day. Our motor, transmission, and battery concept allows tools with the highest torque, lightest handling, longest run time, and most compact size available. ESCP (electronic single cell protection) protects your investment in the latest lithium-ion battery technology. Designed for rugged, long service life, the tools as well as the batteries and chargers are covered by our 3 year warranty. **Metabo. Work. Don't play.**





Gear concept
An innovative, patented torque clutch with more torque settings increases the range of possible working applications.

43mm collar
For 360 degree rotation of Side handle. Can be mounted into a drill stand or equipped with angle drive attachment (LT and LTX-class).

Aluminum die-cast housing
For optimum heat dissipation and superior durability.

Motor concept
High power to size ratio. Extremely high performance 4 pole motors.

"Quick" change chuck system
The keyless chuck and spindle stop allow for fast and easy single handed tooling changes.

Electronics concept
Longer service life thanks to electronic monitoring of individual cells (Electronic Single Cell Protection).

Hex bit holder in spindle
Enables chuck free working – a bonus for when you need a screwdriver in tight spaces (LT and LTX-class).

Variospeed (V) Full-wave Electronic Speed Control
The speed can be varied from the lowest speed value to the maximum.

Rubber-coated handle

LED work light
Lights up the darkest of working areas.

Charge level indicator
So you always know how much power you have available before you start a job.

Innovative battery technology
Very high quality lithium-ion battery cells for outstanding performance. AIR-COOLED charging technology for a quicker charge time and a long battery pack service life.



Flexible Ergonomics
The unique gearbox and motor design allow a very compact, lightweight tool for extended operation time without tiring. The ability to remove the chuck and drive fasteners with the hex recessed spindle, creates a unique tool with perfect balance!

The Longest Running 18V Battery in The World!

Designed for the Professional Metalworker, the NEW Ultra-M 5.2Ah 18V battery allows you to drill, cut, grind and polish more metal than ever.

75% MORE RUN TIME

5.2 Ah batteries will run up to 75% longer than a 3.0 Ah battery and 30% longer than a 4.0 Ah battery.

Same Size, Same Weight

Through unique engineering, the footprint and weight of the 5.2 is the same as existing 3.0 and 4.0 batteries.

Resistance to Extreme Temperatures

A fully charged Ultra-M 5.2 Ah battery pack will deliver 100% of its power in temperatures ranging from 5°F to 122°F.

100% Compatibility

5.2 Ah battery pack is completely compatible with all existing and any future Metabo 18 Volt tools and chargers.

Charge Capacity Indicator

Real time charge indication at the touch of a button.



**3-Year Unconditional Warranty
on Metabo Batteries**

for more information, visit www.metabousa.com



BS18 LT
18V Drill/Driver



SB18 LT
18V Hammer Drill/Driver



SSD18 LT
1/4" Hex Impact Driver



SSW18 LT
1/2" Impact Wrench



Model #	BS18 LT	SB18 LT
Order No.: 5.2 Kit	602102520	602103520
ASC30-36 Chgr + 2 Li-Ion 5.2 Ah Batteries		
Order No.: 1.5 Kit	602102620	602103620
ASC30-36 Chgr + 2 Li-Ion 1.5 Ah Batteries		
Order No.: Bare Tool	602102890	602103890
Variospeed (V) electronics	●	●
2-speed gearbox	●	●
One-hand chuck	●	●
ESCP: Electronic single cell protection	●	●
Planetary gearing	●	●
Instant stop clutch	●	●
Electronic brake	●	●
LED light	●	●
Spindle Lock for ease of tightening chuck	●	●
Dual range torque adjustment (inch lbs.)	6-71	6-71
Max tightening torque (inch lbs.)		
Soft Case (continuous)	300	300
Hard Case (maximum)	531	531
Chuck Capacity (Max.)	1/2"	1/2"
Capacity		
- in mild steel	1/2"	1/2"
- in softwood	1 1/2"	1 1/2"
- in brick/block	n/a	1/2"
No-load speed (RPM)	0-450/0-1650	0-450/0-1650
Max. impacts/min.	n/a	0-28000
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight	4.0 lbs.	4.0 lbs.
Shipping weight (charger, 2 batteries) - depending on version		
5.2 Ah	9.6 lbs.	9.8 lbs.
1.5 Ah	8.5 lbs.	8.6 lbs.
Length	7 7/8"	8 3/8"
Carrying case*	344455010 (standard)	344455010 (standard)
Standard Equipment (depending on version):		
2-18V 5.2 Ah Li-Ion ext. batteries*	(625592000)	(625592000)
2-18V 1.5 Ah Li-Ion ext. batteries*	(625589000)	(625589000)
Charger*	(627046000)	(627046000)
Belt hook*	(316052120)	(316052120)
Bit depot*	(316052130)	(316052130)

*Note: Above standard equipment is only available with kits

Model #	SSD18 LT	SSW18 LT
Order No.: 5.2 Kit	602196520	602195520
ASC30-36 Chgr + 2 Li-Ion 5.2 Ah Batteries		
Order No.: 1.5 Kit	602196620	n/a
ASC30-36 Chgr + 2 Li-Ion 1.5 Ah Batteries		
Order No.: Bare Tool	602196850	602195850
Variospeed (V) electronics	●	●
3-speed range	●	●
Aluminum die-cast gear housing	●	●
"AIR COOLED" battery pack	●	●
ESCP: Electronic single cell protection	●	●
Reversing switch	●	●
LED light	●	●
Drive	1/4" Hex	1/2" Square
No-load speed (RPM)	0-1000/ 0-1850/ 0-2500	0-900/ 0-1650/ 0-2300
Tightening torque (in. lbs.)	664/ 1062/ 1328	885/ 1240/ 1859
Max. impacts/min.	3300	3000
Tool weight	3.4 lbs.	3.5 lbs
Shipping weight (charger, 2 batteries) - depending on version		
5.2 Ah	9.2 lbs.	9.2 lbs.
1.5 Ah	8.0 lbs.	8.0 lbs.
Length	5 3/4"	5 3/4"
Carrying case*	344454370 (standard)	344454370 (standard)
Standard Equipment (depending on version):		
2-18V 5.2 Ah Li-Ion ext. batteries*	(625592000)	(625592000)
2-18V 1.5 Ah Li-Ion ext. batteries*	(625589000)	(625589000)
Charger*	(627046000)	(627046000)
Belt hook*	(316052120)	(316052120)
Bit depot*	(316052130)	(316052130)

*Note: Above standard equipment is only available with kits



5.2 Ah Version



5.2 Ah Version



5.2 Ah Version

BRUSHLESS



5.2 Ah Version

BRUSHLESS



BS18 LTX Impuls
18V Drill/Driver

NEW



SB18 LTX Impuls
18V Hammer Drill/Driver

NEW



BS18 LTX BL
18V Drill/Driver

NEW



SB18 LTX BL
18V Hammer Drill/Driver

NEW

Model #	BS18 LTX Impuls	SB18 LTX Impuls
Order No.: 5.2 Kit	602191520	602192520
ASC30-36 Chgr + 2 Li-Ion		
5.2 Ah Batteries		
Order No.: Bare Tool	602191890	602192890

Variospeed (V) electronics	●	●
2-speed gearbox	●	●
Aluminum die-cast gear housing	●	●
One-hand chuck	●	●
ESCP: Electronic single cell protection	●	●
Planetary gearing	●	●
Electronic brake	●	●
Reversing switch	●	●
LED light	●	●
Spindle Lock for ease of tightening chuck	●	●
Dual range torque adjustment (inch lbs.)	13-212	13-212
Max tightening torque (inch lbs.)		
Soft Case (continuous)	488	488
Hard Case (maximum)	974	974
Chuck Capacity (Max.)	1/2"	1/2"
Capacity		
- in mild steel	1/2"	1/2"
- in softwood	2 9/16"	2 9/16"
- in brick/block		5/8"
No-load speed (RPM)	0-450/0-1600	0-450/0-1600
Max. impacts/min.		0-32,300
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight (kit/bare)	4.0 / 3.5 lbs.	4.0 / 3.5 lbs.
Shipping weight (chgr, 2 batts) kit/bare	10.7 / 5.4 lbs.	9.6 / 5.6 lbs.
Length	8 1/8"	9 1/4"
Carrying case*	344455010 (standard)	344455010 (standard)

Standard Equipment (depending on version):

2-18V 5.2 Ah Li-Ion ext. batteries*	(625592000)	(625592000)
Charger*	(627046000)	(627046000)
Belt hook*	(316052120)	(316052120)
Bit depot*	(316052130)	(316052130)

*Note: Above standard equipment is only available with kits

Model #	BS18 LTX BL	SB18 LTX
BL Order No.: 5.2 Kit	602197520	602199520
ASC30-36 Chgr + 2 Li-Ion		
5.2 Ah Batteries		
Order No.: Bare Tool	602197890	602199890

Variospeed (V) electronics	●	●
2-speed gearbox	●	●
Aluminum die-cast gear housing	●	●
One-hand chuck	●	●
ESCP: Electronic single cell protection	●	●
Planetary gearing	●	●
Electronic brake	●	●
Reversing switch	●	●
LED light	●	●
Spindle Lock for ease of tightening chuck	●	●
Dual range torque adjustment (inch lbs.)	7-173	7-173
Max tightening torque (inch lbs.)		
Soft Case (continuous)	389	389
Hard Case (maximum)	797	797
Chuck Capacity (Max.)	1/2"	1/2"
Capacity		
- in mild steel	1/2"	1/2"
- in softwood	2"	2"
- in brick/block		5/8"
No-load speed (RPM)	0-600/0-2050	0-600/0-2050
Max. impacts/min.		0-38,950
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight (kit/bare)	4.2 / 3.7 lbs.	4.4 / 3.8 lbs.
Shipping weight (chgr, 2 batts) kit/bare	10.4 / 5.4 lbs.	10.9 / 5.8 lbs.
Length	7 1/2"	8 3/4"
Carrying case*	344455010 (standard)	344455010 (standard)

Standard Equipment (depending on version):

2-18V 5.2 Ah Li-Ion ext. batteries*	(625592000)	(625592000)
Quick change chuck	(627240000)	(627240000)
Charger*	(627046000)	(627046000)
Belt hook*	(316052120)	(316052120)
Bit depot*	(316052130)	(316052130)

*Note: Above standard equipment is only available with kits

Optional Equipment:

Power X3 torque multiplier	(627256000)	(627256000)
Quick right angle attachment	(627242000)	(627242000)



BHA18 LT / LTX
3/4" SDS Rotary Hammer



KHA36
3/4" SDS Rotary Hammer

NEW

Model #	BHA18 LT / LTX	KHA36
Order # with 2 Li-Ion batteries	n/a	600795520
Order # "Bare" Tool	600203850	n/a
Single blow energy (measured in joules)	1.8	3.1
Variospeed (V) electronics	●	
Vario tacho constamatic (VTC) electronics		●
Reversing switch	●	●
Metabo slip clutch	●	●
Rotation stop for chiseling		●
Battery pack voltage/capacity	Accepts 18V 4.0 Ah extreme Li-Ion batteries	36V/4.0 Ah
Maximum Tightening Torque	80 inch lbs.	142 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability
Rubber coated rear handle	●	●
360° Anti-vibration Side handle	●	●
Capacity		
- in concrete using solid bits	3/4"	1 1/4"
- in mild steel (using chuck adaptor)	3/8"	1/2"
- in softwood	7/8"	1 3/16"
No-load speed (RPM)	0-1100	0-1100
No-load blows per minute (BPM)	0-4900	0-4500
Tool weight	7.3 lbs.	9.9 lbs.
Shipping weight	8.4 lbs.	17.8 lbs.
Length	11 3/8"	12 3/8"
Carrying case	344454130 (optional)	344453260 (standard)
Standard Equipment:	Side handle (314001010) Shoulder strap (316040370) Depth gauge (341511630)	Side handle (314001380) 3-jaw keyless quick chuck (631968000) 2-36V batteries (625528000) Charger (627046000) Depth gauge (341511630)
Optional Equipment:	SDS-Plus to 1/2"-20 Chuck adaptor (631285000) see page 31 for full range of SDS-Plus carbide bits Dust extraction kit (630828000)	see page 31 for full range of SDS-Plus carbide bits Dust extraction kit (630828000)

(See page 31 for SDS-Plus masonry bits)



STA18 LTX
Cordless Jig Saw



STA18 LTX 140
Cordless Jig Saw



ASE18 LTX
18V Cordless Reciprocating Saw



Model #	STA18 LTX	STA18 LTX 140
Order # "Bare" Tool	602298850	601405850
Vario tacho constamatic (VTC) electronics		●
"Quick" Toolless blade change	●	●
Die-cast aluminum gear housing	●	●
4-stage orbital blade stroke	●	●
Rubber coated handle	●	●
LED illuminates cut line	●	●
Chip blower	●	●
Bevel cutting stops at 15°, 30°, 45°	●	●
Removable surface protective base plate	●	●
Battery pack voltage/capacity	Accepts 18V 4.0 Ah Li-Ion Extreme Batteries	
ESCP: Electronic single cell protection	●	●
Automatic acceleration for easy starts		●
Electronic speed stabilization		●
Variable speed dial		●
Max material thickness		
- in wood	5 1/4 "	5 1/4 "
- in non-ferrous metal	1 3/8"	1 3/8"
- in sheet steel	3/8"	3/8"
No-load strokes per minute (SPM)	0-2700	0-3000
Tool Weight (including battery pack)	6.1 lbs	6.4 lbs
Shipping weight	6.4 lbs.	6.7 lbs.
Length	8 1/2"	10 1/4"
Carrying Case	344454150 (optional)	344454440 (optional)
Standard Equipment:	Anti-splintering insert (343395480) Protective base cover (343375130) Allen wrench (344161530)	Anti-splintering insert (631208000) Protective base cover (623595000)
Optional Equipment:		Dust extraction set (623669000) Circle-cutting and parallel guide (623591000)

Model #	ASE18 LTX
Order # "Bare" Tool	602269850
Aluminum die-cast gear housing	●
Metabo Quick tool-less blade change system	●
Adjustable depth shoe	●
Cutting guide	●
"AIR COOLED" battery pack	●
Ergonomic handle with rubber coating	●
Battery pack voltage/capacity	Accepts 18V 1.5, 3.0, or 4.0 Ah Li-Ion Extreme Batteries
ESCP: Electronic single cell protection	●
No-load speed (SPM)	0-2,700
Stroke length	1 1/16"
Tool weight	5.9 lbs.
Shipping weight	8.4 lbs.
Length	18"
Carrying case	344453830 (optional)



W18 LTX-115 5.2
Cordless Angle Grinder

NEW



KSA18 LTX
18V Cordless Circular Saw

Model #	W18 LTX-115 5.2
Order # with 2 Li-Ion batteries	602170530
Order # "Bare" Tool	602170860
Order # (non-locking deadman switch)	US602170761
Switch with lock on capability	●
Spindle lock	●
Aluminum die-cast gear housing	●
Burst proof guard	●
Ergonomic Side handle	●
External carbon brush access	●
Rotatable battery pack	●
Detachable dust filter	●
Electronic winding and battery temperature monitor with led	●
Power interruption protection	●
Electronic clutch	●
Battery pack voltage/capacity	18V/5.2 Ah
ESCP: electronic single cell protection	●
	Inquire about 220V availability
Maximum wheel diameter	4 1/2"
No-load speed (rpm)	8000
Arbor size	7/8
Spindle thread	5/8"-11
Tool weight (including battery pack)	5.3 lbs.
Shipping weight (with battery)	12.0 lbs.
Length	13" (with battery)
Carrying case	344454180 (standard)

Standard Equipment:	Inner flange (341031290) Outer nut (341101480) Spanner wrench (623934000) Type 27 Guard (339203480) Side handle (314000540) Dust filter (343398890) 2-18V 5.2 Ah Li-Ion extreme batteries (625592000) Charger (627046000)
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Optional Equipment:	Type 1 cut-off wheel guard (630374000)
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Model #	KSA18 LTX
Order # "Bare" Tool	602268850
Aluminum die-cast gear housing	●
Rubber-coated on/off switch	●
Ergonomic handle with rubber coating	●
RIP fence	●
Cutting depth indicator	●
Battery pack voltage/capacity	Accepts 18V 1.5, 3.0, or 4.0 Ah Li-Ion Ext. Batteries
Dust extraction outlet	●
Chip blower and led light	●
Spindle lock	●
ESCP: Electronic single cell protection	●
Saw blade diameter/arbor	6 1/2" / 5/8"
Carbide-tipped saw blade teeth	18
Cutting depth 90°	2 7/64"
Cutting depth 45°	1 5/8"
Angle setting	0-50°
No-load speed (SPM)	2700
Tool weight (without battery)	7.8 lbs.
Tool weight (with battery)	9.2 lbs.
Shipping weight	9.8 lbs.
Length	12 3/16"



MAG28 LTX
25.2V Cordless
Magnetic Drill Press



Model #	MAG28LTX
Order # w/ AS-S15 chgr. & 2 Li-Ion batteries	600334520
Aluminum die-cast gear housing	●
2-Speed permanently lubricated gear-box	●
Adjustable permanent magnet for precise alignment	●
V-base for mounting to flat or curved surfaces (min. Pipe diameter: 3-1/2")	●
Dimensions of magnetic base	2-3/4" x 7-1/2"
Magnetic pull away force	2500 lbs.
External carbon brush access	●
LED electronic overload protection	●
Electronic safety lockout	●
Integrated coolant container	●
Battery pack voltage/capacity	25.2V/3.0 Ah Extreme battery
ESCP: electronic single cell protection	●
	Inquire about 220V availability
No-load speed (rpm)	380/680
Bit retention	Morse taper MT2, Weldon 3/4"
Capacity	
- With annular cutter	1-1/4"
- With twist drill	1/2"
Maximum drilling depth	2"
Stroke	6-5/16"
Height at highest position	24-1/4"
Height at lowest position	18"
Size	22-1/4" x 17-5/32" x 8-37/64"
Tool weight (with battery)	32 lbs.
Shipping weight	48.5 lbs.
Carrying case	344454310 (standard)
Standard Equipment:	2-25.2V Li-Ion batteries (625437000) Charger (627285000) Weldon 3/4" industrial tool holder (316046240) Allen wrench (344163620) 1/2" Keyed chuck (635036000) Chuck key (635167000) MT2 arbor (635115000) Drift key (642395000) Safety strap (341148140) Centering pin 3" (626608000)
Optional Equipment:	Chip guard (626607000) Universal cutting spray (626606000) Weldon 3/4" to 1/2" chuck adaptor (626611000) Adaptor for Weldon to FEIN quick in (626600000) Quick change Weldon 3/4" tool holder (626604000)

Accessories

Metabo Rapid Cut Annular Cutters

Order No.	Description
626550000	9/16 x 1-3/16
626551000	11/16 x 1-3/16
626552000	13/16 x 1-3/16
626553000	15/16 x 1-3/16
626554000	1-1/16 x 1-3/16

- 30% Faster
- Highest Quality HSS
- Weldon 3/4" Shank






Order No.	Description
626555000	6 pc. set

(1 ea. above plus centering pin)



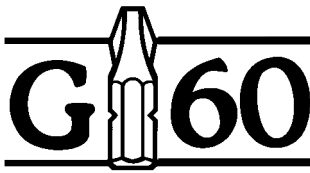
ULA 14.4-18
Halogen Flashlight

Model #	ULA 14.4-18
Order # "Bare" Tool	602311000
Hand lantern with 4.4W halogen bulb	●
Works up to 9.8 hours on a charge!	●
Focusable light beam for illuminating the exact area you are working	●
Swivel head can be locked in 6 positions	●
Compact and handy for all sorts of use	●
Ergonomic, easy to-grip shape	●
Suitable for Metabo battery packs 18V	●
The lantern is supplied without battery pack or charger.	
Replacement bulb part #343074560	

Cordless Accessories		
	Small bag for 2 tools/flashlight	Order # 638530000
	Rolling duffel bag for 4 tools/flashlight	638531000
	Right angle drive attachment <div style="border: 1px solid black; padding: 5px; width: fit-content;"> Drive Ratio: 1:1 Thread size: 1/2"x t20 UNF Weight: 1 1/4 lbs. Length: 4" </div> <p>Converts all corded Metabo pistol grip drills and hammer drills with Side handles and cordless models BS18 LT, BS18 LTX, SB18 LT, BS18 LTX to right angle tools (can be used on hammer drills in drilling mode only). Right angle drive allows access for hard to reach applications.</p>	631078000
 	X3 attachment <p>Multiplies torque by 3 times for tasks that demand more power. Fits the BS18LTX Quick, BE1100, and BE75-16.</p>	627253000

Battery and Charger Compatibility				
				
Batteries	ASC30-36	ASC15	AS S15	LC60
	18V-36V	14.4V-18V	24V	7.2V
Order No.	627046000	627294000	627285000	627308000
Approx. Charging Time (1.4Ah bat.)	30 min.	15 min.	15 min.	60 min.
Lithium Ion				
LT/LTX models AIR-COOLED  Capacity Item # Li-Power Extreme 18V, 5.2Ah 625592000 18V, 4.0Ah 625591000 Li-Extreme  Li-Compact Capacity Item # Li-Compact 18V, 1.5Ah 625589000	X	X		
KHA36 model AIR-COOLED  Capacity Item # 36V, 4.0Ah 625528000	X			
MAG28 LTX / KHA24 model AIR-COOLED  Capacity Item # 25.2V, 3.0Ah 625437000			X	
PowerGrip II model  Capacity Item # 7.2V, 2.2Ah 625487000				X

Screwdriver Bits, Bit Holders, Nutsetters & Bit Sets



Cold forged from premium S2 tool steel, fully hardened and tempered for optimum hardness and toughness. G-60 screwdriver tooling fits better and lasts longer even when used on heat-treated and case hardened screws.

Proper Bit Selection

The most important factor when using screwdriver bits is proper fit. Using the correct point size reduces rounding and breaking of the bits.

Why is hardness important?

Bits are manufactured at various hardness to accommodate different screws and applications. For example medium hard bits are best suited for driving standard (soft) screws and extra hard bits are best for driving heat-treated or case hardened screws.

Screwdriver Bits

1" Phillips Bits 1/4" Hex. Shank



Overall Length	Point Size	Bits/Pkg.	Order No.
1"	P-1	25	678101000
1"	P-2	25	678102000
1"	P-3	25	678103000
1"	P-2 reduced	25	678142000

1" Square Recess Bits 1/4" Hex. Shank



Overall Length	Point Size	Bits/Pkg.	Order No.
1"	R-0	25	678150000
1"	R-1	25	678151000
1"	R-2	25	678152000
1"	R-3	25	678153000

Phillips Recess Power Bits 1/4" Hex. Shank





Overall Length	Point Size	Bits/Pkg.	Order No.
2"	P-1	10	678201000
2"	P-2	10	678202000
2"	P-3	10	678203000
3"	P-1	10	678301000
3"	P-2	10	678302000
3"	P-3	10	678303000
4"	P-1	10	678401000
4"	P-2	10	678402000
4"	P-3	10	678403000
6"	P-1	5	678601000
6"	P-2	5	678602000
6"	P-3	5	678603000

Square Recess Power Bits 1/4" Hex. Shank




Overall Length	Point Size	Bits/Pkg.	Order No.
2"	R-1	10	678251000
2"	R-2	10	678252000
2"	R-3	10	678253000
3"	R-1	10	678351000
3"	R-2	10	678352000
3"	R-3	10	678353000
4"	R-1	10	678451000
4"	R-2	10	678452000
4"	R-3	10	678453000
6"	R-1	5	678651000
6"	R-2	5	678652000
6"	R-3	5	678653000

Magnetic Bit Holders

Extra powerful magnet holds screws firmly on tip. The Quick-Release bit holder holds and locks regular bits.	Style	Overall Length	Qty/ Pack	Order No.
	Universal	3"	1	678055000
	Quick-Release	3"	1	678056000

Magnetic Nutsetters

Precisely forged & carefully hardened alloy steel to drive more hexagon & sheet metal screws. Powerful permanent magnet holds screws firmly in place. Designed for even the most demanding jobs.

	Overall Length	Hexagon Opening	Qty/ Pack	Order No.
	1 5/8"	1/4"	5	678001000
	1 5/8"	5/16"	5	678002000
	1 3/4"	3/8"	5	678003000
	1 3/4"	7/16"	5	678004000
	2 9/16"	1/4"	5	678011000
	2 9/16"	5/16"	5	678012000
	2 9/16"	3/8"	5	678013000
2 9/16"	7/16"	5	678014000	

Pocket G-60 Bit Boxes



20 PC- 1" PRO SET
Contains the following 1" 1/4" Hex bits:

- 1 x Square Recess # 0
- 2 x Square Recess # 1
- 5 x Square Recess # 2
- 2 x Square Recess # 3
- 2 x Phillips # 1
- 3 x Phillips # 2
- 3 x Phillips # P2R
- 2 x Phillips # 3

Order No.: 678958000



10 PC- 2" PRO SET
Contains the following 2" 1/4" hex power bits:

- 1 x Square Recess # 1
- 4 x Square Recess # 2
- 2 x Square Recess # 3
- 1 x Phillips # 1
- 1 x Phillips # 2
- 1 x Phillips # 3

Order No.: 678959000

Professional Bit Sets

1" Phillips Bits	1" Square Recess Bits	Bit Holder	Order No.
2 of P-1	2 of R-0	3" Quick-Release Magnetic Bit Holder 1/4" Shank	678955000
5 of P-2	3 of R-1		
5 of P-2R	10 of R-2		
3 of P-3	5 of R-3		

G60 Pro Set

Contains 35 selected insert bits and quick-release magnetic bit holder. Comes in a sturdy pocket size metal case.



1" Torx Bits	1" Phillips Bits	Bit Holder	Order No.
5 of T-10	4 of P-1	3" Quick-Release Magnetic Bit Holder 1/4" Shank	678957000
5 of T-15	5 of P-2		
4 of T-20	4 of P-3		
4 of T-25	-		
4 of T-30	-		

G60 Pro Torx Set

Contains 35 selected insert bits including 22 Torx bits and quick-release magnetic bit holder. Comes in a sturdy pocket size metal case.


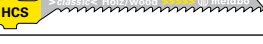
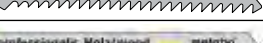
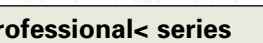




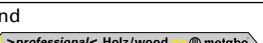

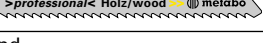
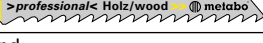

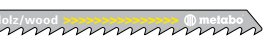


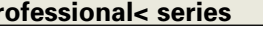






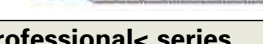



Bit Size	Phillips Bits	Square Recess Bits	Mag.Nutsetters 2 9/16" O/L	Bit Holder	Order No.
1" Insert Bits	P-1, P-2, P-2R	R-0, R-1, R-2, R-3	1/4" hex.	3" Quick-Release Magnetic Bit Holder 1/4" Shank	678953000
2" Power Bits	P-1, P-2, P-3	R-1, R-2, R-3	5/16" hex.		
4" Power Bits	P-2	R-2	3/8" hex.		
-	-	-	7/16" hex.		



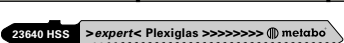

G60 Pro Installer's Kit

Contains 20 selected bits. Offers the professional a complete assortment of insert bits, power bits and nutsetters. Comes in a sturdy plastic case.








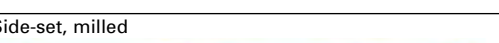

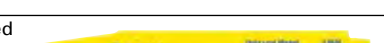
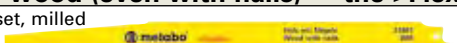



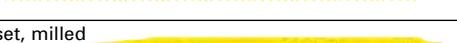

These blades fit : Metabo, AEG, Atlas Copco, Black & Decker, Bosch, DeWalt, Elu, Festo, Hitachi, Holz-Her, Kress, Makita, Skil ...

Saw-blade/Type	Material	Cutting Edge	Teeth Per Inch	Uses	Corr. Bosch Type	Pcs./ Pk.	Order No.
For wood the >Classic< series low-price and reliable				HCS milled			
Wavy-set, milled 	HCS	2"	12	Hardwood, softwood, chip-board, block-board, fibre-board, 7/64"-9/16" in., plastics, insulation materials	T119B	5	623631000
Wavy-set, milled 	HCS	2"	12	As above, 7/64"-3/4" in. , specially for curved cuts	T119BO	5	623646000
Wavy-set, milled 	HCS	3"	8	For quick, rough cuts in hardwood, softwood, plastics, 7/32"-2" in.	T111C	5	623632000
Wavy-set, milled 	HCS	3 1/2"	10	For quick, rough cuts in hardwood, softwood, plastics, 7/32"-2" in.	U101B	5	623943000
For wood the >Professional< series quick, clean, accurate cuts				HCS ground			
Side-set, ground 	HCS	3"	6	Hardwood, softwood, chip-board, block-board, 7/32"-2" in., for quick cuts	T144D	5	623633000
Side-set, ground 	HCS	5"	6	Hardwood, softwood, chip-board, block-board, fibre-board, structural timber, 1/4"-4" in., for quick cuts	T344D	5	623678000
Tapered, ground 	HCS	2"	18	Softwood, plywood, plastics, 1/16" - 9/16" in., for a non-splintering cut, specially for curved cuts	T101AO	5	623651000
Clearance - angle, teeth ground 	HCS	6"	6	Hardwood, softwood up to 5 1/4" in., chip-board, block-board	T744D	5	623603000
Clearance - angle, teeth ground 	HCS	3"	10	Hardwood, softwood, chip-board, block-board, fibre-board, plastics, 1/8"-1 3/16" in., for a really clean cut	T101B	5	623634000
Clearance - angle, teeth Ground, reversed-toothed 	HCS	3"	10	Hardwood, softwood, chip-board, block-board, fibre-board, coated boards, 1/8"-1 3/16" in., for a really clean cut	T101BR	5	623650000
Clearance - angle, teeth ground 	HCS	3"	6	Hardwood, softwood, chip-board, block-board, fibre-board, 3/8"-1 3/4" in., for a really clean cut	T101D	5	623635000
Clearance - angle, teeth ground 	HCS	3 1/2"	8	Hardwood, softwood, chip-board, block-board, fibre-board, 3/8"-2 3/8" in., for a really clean cut	T301CD	5	623654000
Clearance - angle, teeth ground 	HCS	4"	6	Extra thick, for accurate, precisely angled cuts in hardwood, softwood, chip-board, block-board, fibre-board, 7/32"-4" in.	T344DP	5	623679000
For wood the >Pionier< series quick, clean cuts in wood of all thicknesses				HCS ground			
Clearance - angle, teeth ground, progressive tooth pitch 	HCS	3 1/2"	progres- sive	Straight, clean cuts in wood-based materials, thick or thin, 7/64"-2 9/16" in., for quick cuts	T234X	5	623675000
For wood the >Professional< series quick, clean, accurate cuts - and a long useful life				BiM ground			
Clearance - angle, teeth ground 	BiM	3"	10	Hardwood, softwood, laminates, coated boards, plastics, 1/8"-1 3/16" in., for a really clean cut	T101BF	5	623975000
Universal the >Pionier< series for wood, metal, plastic				BiM milled			
Side-set, milled 	BiM	4"	progres- sive	Universal blade for wood (even with nails), metals, non-ferrous metals, and plastics	T345XF	5	623677000
For metal the >Classic< series low-price and reliable				HSS milled			
Wavy-set, milled 	HSS	2"	36	Sheet-steel, up to 1/16" in., non-ferrous metals	T118G	5	623636000
Wavy-set, milled 	HSS	2"	24	Sheet-steel, 3/64"-1/8" in., non-ferrous metals	T118A	5	623637000
Wavy-set, milled 	HSS	4"	24	Sheet-steel, 3/64"-1/8" in., non-ferrous metals, sandwich materials	T318A	5	623629000
Wavy-set, milled 	HSS	2"	12	Sheet-steel, 1/8"-1/4" in., non-ferrous metals	T118B	5	623638000
Wavy-set, milled 	HSS	2 1/4"	13	Sheet-steel, 1/8"-1/4" in., non-ferrous metals	U118B	5	623940000
For metal the >Professional< series shatter-proof, long useful life				BiM milled			
Wavy-set, milled 	BiM	6"	12	Sheet-steel, 1/8"-1/4" in., sandwich materials up to 4" in.	T718BF	5	623604000
Wavy-set, milled 	BiM	2 1/4"	24	Sheet-steel, , 3/64"-1/8" in., non-ferrous metals	T118AF	5	623971000
Wavy-set, milled 	BiM	2 1/4"	12	Sheet-steel, 1/8"-1/4" in., non-ferrous metals	T118BF	5	623973000
For metal the >Pionier< series quick, clean cuts in materials of all thicknesses				HSS milled			
Side-set, milled 	HSS	3"	progres- sive	Universal blade for thick / thin sheet-steel, 1/16"-3/8" in., non-ferrous metals up to 1 3/16" in.	T123X	5	623676000

Jig Saw Blades - bayonet fitting (continued)

Saw-blade/Type	Material	Cutting Edge	Teeth Per Inch	Uses	Corr. Bosch Type	Pcs./ Pk.	Order No.
For Aluminum and non-ferrous metals the >Expert< series				Aluminum HSS/BiM			
Side-set, milled 	HSS	3"	8	Aluminum, 1/8"-9/16" in., non-ferrous metals, 1/6"-3/4" in., plastics for quick cuts	T127D	5	623639000
For plastics the >Expert< series				plastics HM ground			
Ground 	HM	3 1/2"	8	Glass-fibre-reinforced plastics, 7/32"-2 3/8" in.	T301CHM	3	623687000
For plexiglass the >Expert< series				plexiglass HSS ground			
Ground 	HSS	3"	12	Plexiglass, polycarbonate, 7/64"-3/4" in., non-ferrous metals, 7/64"-3/8" in.	T101A	5	623640000
For ceramic materials the >Expert< series				ceramics HM grit			
	HM grit	2"	Fine	Ceramics, glass, glass-fibre-reinforced plastics, cast-iron	T150 TC Coated	1	623658000

Reciprocating Saw Blades - with 1/2 inch universal fitting

Saw-blade/Type	Material	Length x Width x Thickness	Teeth Per Inch	Uses	Corr. Bosch Type	Pcs./ Pk.	Order No.
For metal the >Classic< series				low-price and reliable HSS milled			
Wavy-set, milled 	HSS	6" x 5/8" x .035 9" x 5/8" x .035	14 14	Sheets, 7-64"-5/16" in., sections, 3/8"-4" in.	S 918 B S 1122 BF	2	631130000 631494000
For metal the >Flexible< series				shatter-proof, flexible BiM milled			
Side-set, milled 	BiM	6" x 3/4" x .035	18	Sheets, 1/32"-1/8" in., pipes, sections, 1/32"-4" in.	S 922 EF	5	631454000
Side-set, milled 	BiM	9" x 3/4" x .035	18	Sheets, 1/16"-7/32" in., pipes, sections, 7/32"-7" in., flush cuts	S 1122 EF	5	631493000
Side-set, milled 	BiM	6" x 3/4" x .035	14	Sheets, 1/8"-5/16" in., pipes, sections, 3/8"-4" in.	S 922 BF	5	631491000
Side-set, milled 	BiM	4" x 1/4" x .035	14	Sheets, 1/16"-1/4" in., curved cuts	S 422 BF	5	631990000
For metal the >Professional< series				stable, precise, for really tough jobs BiM milled			
Side-set, milled 	BiM	9" x 3/4" x .063	9	Sheets, 7/32"-3/8" in.; pipes, sections, 3/4"-7" in., ideal for pipe-cutting equipment, for demolition work	S 1120 CF	5	631993000
For wood and metal the >Flexible< series				shatter-proof, flexible BiM milled			
Side-set, milled 	BiM	6" x 3/4" x .035 8" x 3/4" x .050	10-14 PROG	Wood, wood with nails or metal inserts 7/32"-4" in., sheets, pipes, sections, 1/8"-3/8", plastics, 1/8"-4"	S 922 VF S 3456 XF	5	631492000 631915000
Side-set, milled 	BiM	12" x 3/4" x .035	10-14	Wood, wood with nails or metal inserts 7/32"-10" in., sheets, pipes, sections, 1/8"-3/8" in., plastics, 1/8"-10" in.	S 1222 VF	5	631407000
For wood and metal the >Professional< series				quick, stable, for really tough jobs BiM milled			
Side-set, milled 	BiM	6" x 3/4" x .063	6	Wood, wood with nails or metal inserts 3/8"-4" in., plastics, reconstruction work demolition and reconstruction work	S 610 DF	5	631925000
Side-set, milled 	BiM	9" x 3/4" x .063 10" x 3/4" x .060	6 5	Wood, wood with nails or metal inserts 3/8"-4" in., plastics, demolition and reconstruction work	S 1110 DF S 1531 L	5	631926000 631488000
For wood (even with nails) the >Flexible< series				stable, quick BiM milled			
Side-set, milled 	BiM	12" x 3/4" x .050	5-8	Wood (even with nails), plastics, chip-board, 3/8"-10" in.	S 1411VF	5	631987000
Side-set, milled 	BiM	12" x 3/4" x .050	6	Wood (even with nails), plastics, chip-board, 3/8"-10" in.	S 1344 D	5	631472000
Side-set, milled 	BiM	9" x 3/4" x .050	5-8	Wood (even with nails), plastics, chip-board, 3/8"-8" in.	S 1111 VF	5	631986000
Side-set, milled 	BiM	6" x 3/4" x .050	6	Wood (even with nails), plastics, chip-board, 3/8"-4" in.	S 644 D	5	631470000
Side-set, milled 	BiM	6" x 3/4" x .050	5-8	Wood (even with nails), plastics, chip-board, 3/8"-4" in.	S 611 VF	5	631984000
For special applications the >Expert< series							
Side-set, carbide-tipped 	BiM	6" x 5/8" x .050	6	Plaster-board, 5/16"-4" in., for a really clean cut	S628DF	5	631907000



METABO STAINLESS STEEL FINISHING, FASTEST TO THE FINISH.

Metabo tools have a reputation for outstanding quality, high performance and longevity. These qualities are apparent in our new tools designed to speed the finishing of all metals, particularly stainless steel.



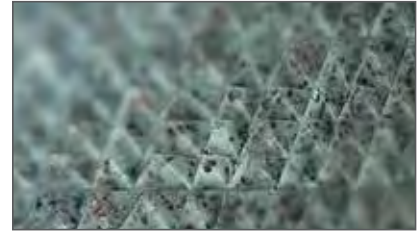
Time is money. Job by job, time saved is profit gained. Metabo tools are engineered just for that reason to give the greatest return on your investment.

A perfect match. Metabo INOX tools with VTC Electronic Speed Stabilization and Metabo Pyramid Abrasives. Finer finishes faster! The VTC electronics maintain the speed of the tools even when fully engaged in the work, so your job is completed in the shortest time. Metabo Pyramid Abrasives shorten the time required to get to the final finish. The structured geometric placement of the abrasives allow finer grit sizes to remove more material while giving a consistent finish; eliminating steps required to get to the required finish. **Metabo. Work. Don't play.**



Metabo Pyramid: The perfect abrasive!

Finest finish. Fastest finish.



Unique structured abrasive delivers consistent finishes with higher cut rates while remaining cool under pressure. Suited for finishing mild steels, stainless steels, nickel alloys, titanium, aluminum and non-ferrous metals.

Higher cut rates even with the finer grit sizes allows for reduction in steps to reach the final finish. Result, lower overall cost.



Preparation for Polishing; Metabo WE14-125 INOX 5" grinder, 5" 'cling fit' Pyramid sanding discs in grit range from A160 (120 grit) to A30 (600 grit) with 5" backing pad 623298000.



The RBE12-180 Pipe and Tube sander for a uniform even finish on hand rails using Pyramid sanding belts from A160 (120 grit) to A6 (2000 grit).



Preparation for mirror polishing: Metabo SE12-115 Burnisher with expansion roller, and Pyramid sanding belts from A160 (120 grit) to A6 (2000 grit).



WE14-125 Inox Plus
4 1/2" Angle Grinder

Model #	WE14-125 Inox Plus
Order #	602131420
Vario tacho constamatic (VTC) electronics	●
LongLife motor	●
Quick wheel change system	●
Switch with lock on capability	●
Current interruption protection	●
Spindle lock	●
Low profile aluminum die-cast gear housing	●
Variable speed dial	●
Burst-proof guard w/ 7 stops	●
Anti-vibration Side handle	●
Electronic winding temperature monitor with LED display	●
Metabo slip clutch	●
Auto-stop carbon brushes	●
Winding protection grid	●
Electronic soft start feature	●
Electronic speed stabilization	●
Maximum torque	37.2 inch lbs.
	Inquire about 220V availability
Maximum wheel diameter	5"
No-load speed (RPM)	2000-7000
Amps	12.2
Rated input watts	1400
Arbor size	7/8"
Spindle thread	5/8"-11
Tool weight	6.2 lbs.
Shipping weight	7.2 lbs.
Length	12.25"
Carrying case	344454180 (optional)

Standard Equipment:	Side handle (314000970) Wheel guard (339203010) Inner flange (341031290) Outer nut (316031310)
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SE12-115
Burnisher

NEW

Model #	SE12-115
Order #	602115620
Order # "Bare" Tool w/case	US602115110
Maximum size	4.5" dia. x 4" length
Double insulated	●
Vario tacho constamatic (VTC) electronics	●
LongLife motor	●
Quick wheel change system	●
Spindle lock	●
Winding protection grid	●
High performance spiral bevel gears	●
Variable speed controlled by adjusting dial	●
Auto-stop carbon brushes	●
Maximum torque	98 inch lbs.
	Inquire about 220V availability
No-load speed (RPM)	900-2800
Amps	10.0
Rated input watts	1200
Spindle thread	5/8"-11
Tool weight	6.25 lbs.
Shipping weight	23.5 lbs.
Length	13.5"
Carrying case	344453120 (standard)

Standard Equipment:	Case (344453120) 3 - P80 Sanding belt (623474000) 2 - 2" x 4" P180 Interleaved (623528000) 1 - Expansion roll for grinding and polishing sleeves (623470000) 1 - Set of spacer rings (623511000) 1 - 4" x 4" P280 Non-woven nylon wheel (623514000) 1 - P80 Flap wheel (623479000) 1 - Spindle extension kit (US90357014)
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Optional Equipment:	2" Spindle (626413000)
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RBE12-180
Pipe / Tube Sander



KNSE12-150
Fillet Weld Grinder

Model #	RBE12-180	KNSE12-150
Order #	602132620	602133620
Vario tacho constamatic (VTC) electronics	●	●
LongLife motor	●	●
Switch with lock on capability	●	●
Current interruption protection	●	●
Spindle lock	●	●
Low profile aluminum die-cast gear housing	●	●
Variable speed dial	●	●
Adjustable guard		●
Ergonomic Side handle	●	●
Electronic winding temperature monitor with LED display	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic soft start feature	●	●
Electronic speed stabilization	●	●
	Inquire about 220V availability	Inquire about 220V availability
Maximum pipe or disc diameter	7"	6"
Dimensions of grinding belt	1-1/2" x 30"	n/a
Wrap angle (maximum)	270°	n/a
No-load speed	521-1,673 ft./min	1,300-4,000 RPM
Amps	10.0	10.0
Rated input watts	1200	1200
Arbor size	n/a	1"
Spindle thread	n/a	5/8"-11
Tool weight	9.1 lbs.	7.75 lbs.
Shipping weight	29.3 lbs.	20.1 lbs.
Length	20 1/4"	22 1/2"
Carrying case	344453970 (standard)	344453990 (standard)
Standard Equipment:	Side handle (316046590) 10 Zirconia alumina sanding belts P80 (626306000)	Side handle (316046590) Wheel guard (339203590) Flange set (316047400) Hex wrench (344161510) Spanner wrench (623934000) Fleece compact disc (6" x 1/4" x 1", medium) (626402000)



Band File
BFE9-90



Shown with optional backing pad (655143000)

PE12-175
Variable Speed High Torque Mini Polisher

Model #	BFE9-90
Order #	602134620
Vario constamatic (VC) electronics	●
LongLife motor	●
Quick belt change system	●
Switch with lock on capability	●
Spindle lock	●
Low profile aluminum die-cast gear housing	●
Ergonomic Side handle	●
Metabo slip clutch	●
Auto-stop carbon brushes	●
Winding protection grid	●
Maximum torque	22 inch lbs.
	Inquire about 220V availability

Sanding belt size	1/4", 1/2", 3/4" x 18"
No-load belt speed	750-1770
Amps	8.5
Rated input watts	900
Useful length of grinding belt arm	3-1/2"
Tool weight	5.5 lbs.
Shipping weight	17.4 lbs.
Length	18 1/8"
Carrying case	344453980 (standard)

Standard Equipment:	Side handle (316046590) 10 Zirconia alumina sanding belts (P120, 1/4" in width) (626347000) Grinding arm - for belt widths of 1/4" and 1/2" (626379000)
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Model #	PE12-175
Order #	602175420
Maximum pad diameter	7"
Double insulated	●
Vario tacho constamatic (VTC) electronics	●
LongLife motor	●
Spindle lock	●
Winding protection grid	●
High performance spiral bevel gears	●
Variable speed controlled by adjusting dial	●
Auto-stop carbon brushes	●
Maximum torque	124 inch lbs.
	Inquire about 220V availability

No-load speed (RPM)	700-2200
Amps	10.0
Rated input watts	1200
Spindle thread	5/8"-11
Tool weight	5.9 lbs.
Shipping weight	7.6 lbs.
Length	14 1/4"
Carrying case	631382000 (optional)

Standard Equipment:	Side handle (314000540) Hand guard (630327000) Spindle extension (341513050)
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WE14-125 Inox Plus Accessories

Special non-woven - VKS (with bore)



- Made from pressed fleece material on glass fiber supporting plate
- Reduces the number of working stages required. For cleaning and polishing surfaces, for smoothing weld seams
- For steel, stainless, alloy and high-alloy steels, colored and light metals, chrome and nickel steels, titanium, steels

Diameter inches	Grit	Pcs/Pkg	Order #
5" x 7/8"	Very fine	1	626368000
5" x 7/8"	Very fine	5	626417000

Combi Flap disc (KLS)



- Made from high-quality pink aluminum oxide fabric in combination with high-quality nonwoven nylon abrasive
- For removal of rough material to fine polish in a single process. Very even grinding results with good material removal
- For processing weld seams on flat or rounded surfaces. For removing minor scratches and damage to the work piece
- Suitable for grinding, cleaning and finishing work on stainless steel, steel, color and light metals, titanium alloys

Diameter inches	Grit	Pcs/Pkg	Order #
5" x 7/8"	Coarse	1	626369000
5" x 7/8"	Coarse	5	626415000
5" x 7/8"	Medium	1	626370000
5" x 7/8"	Medium	5	626416000

"Pyramid" cling-fit sanding discs



- 3-dimensional structure of the grinding media (pyramid-shaped)
- High volume output with very even and fine sanding results at the same time. Long service life. Faster progress when compared to traditional sanding media, due to the reduced number of working stages
- For removing scratches, mill skin on stainless steel. Preparation for polishing
- Suitable for use on all metals; especially for stainless steels, titanium, cobalt, nickel, chrome alloys

Diameter inches	Grit	Pcs/Pkg	Order #
5"	P 120 (A 160)	5	626371000
5"	P 280 (A 65)	5	626372000
5"	P 400 (A 45)	5	626373000
5"	P 600 (A 30)	5	626374000

Special non-woven disc - VKS cling-fit



- Made of compacted fleece material hook and loop backing
- Reduces the number of working stages required. For cleaning and polishing surfaces, for smoothing weld seams
- For steel, stainless, alloy and high-alloy steels, color and light metals, chrome and nickel steels, titanium, steels

Diameter inches	Grit	Pcs/Pkg	Order #
5"	Very fine	1	626375000

Cling-fit abrasive non-woven nylon



- Non-woven nylon abrasive disc
- Suitable for use throughout the metal industry
- For grinding, cleaning and finishing jobs
- For the removal of scratches, tarnish and oxide layers
- For preparing and polishing weld seams

Diameter inches	Grit	Pcs/Pkg	Order #
5"	Medium / P 100	1	631238000
5"	Fine / P 280	1	631239000

Cling-fit backing pad



• 5" x 5/8-11

Order #
623298000

Micro fiber cloth



- 3 micro-fiber cloths
- For cleaning and evenly distributing protective spray and polishes
- For removing paste residue using talcum powder
- Suitable for all metals and hard plastics

Order #
626398000

Burnisher Accessories

Expansion roller



- For using sanding belts and abrasive sleeves. The belts / abrasive sleeves are pushed over the roller and clamped securely by centrifugal force. Aggressive metal removal.

Diameter inches	Order #
4" x 4"	623470000

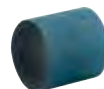
Pneumatic sanding drum



- For using sanding belts and abrasives sleeves. The sanding belts / abrasive sleeves are pushed over the drum and clamped securely by pneumatic force. Fine metal finishing.

Diameter inches	Order #
4" x 4"	623542000

Sanding belts



- Material: zirconia alumina
- Suitable for all metals and stainless steel
- For removing scratches and smoothing weld seams

Diameter inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 40	10	623512000
4" x 4"	P 60	10	623473000
4" x 4"	P 80	10	623474000
4" x 4"	P 120	10	623475000
4" x 4"	P 220	10	623476000

Nylon non-woven abrasive sleeves



- For removing scratches and oxide layers, tarnishing, graining, deburring and fine grinding

Diameter inches	Version	Pcs/Pkg	Order #
4" x 4"	Coarse	2	623519000
4" x 4"	Medium	2	623495000
4" x 4"	Fine	2	623496000

"Pyramid" sanding belts



- For all metal uses, suited for processing steel/stainless steel and aluminum
- 3-dimensional structure of the grinding media (pyramid-shaped). High removal of material with an even and fine grinding finish
- Quick progress; considerably reduces working stages compared to traditional grinding methods

Diameter inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 120 (A 160)	5	626405000
4" x 4"	P 280 (A 65)	5	626406000
4" x 4"	P 400 (A 45)	5	626407000
4" x 4"	P 600 (A 30)	5	626408000
4" x 4"	P 1200 (A 16)	5	626409000
4" x 4"	P 2000 (A 6)	5	626410000

Flap wheels



- For removing rust, oxide layers, scratches
- For texturing and graining metal

Diameter inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 40	1	623477000
4" x 4"	P 60	1	623513000
4" x 4"	P 80	1	623479000
4" x 4"	P 120	1	623480000
4" x 4"	P 180	1	623481000
4" x 4"	P 240	1	623482000

Interleaved wheels



- Pink aluminum oxide sanding flaps combined with grain-coated non-woven nylon
- For tarnishing, graining and removing scratches on metal

Diameter inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 60	1	623483000
4" x 4"	P 80	1	623484000
4" x 4"	P 180	1	623485000
4" x 2"	P 60	1	623526000
4" x 2"	P 80	1	623527000
4" x 2"	P 180	1	623528000

Non-woven nylon abrasive wheels



- Elastic grain-coated nylon web for shadow-free tarnishing, graining and polishing of stainless steel and non-ferrous metals

Diameter inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 60	1	623486000
4" x 4"	P 80	1	623487000
4" x 4"	P 180	1	623488000
4" x 4"	P 280	1	623514000
4" x 4"	P 400	1	623468000
4" x 4"	P 600	1	623469000
4" x 4"	P 900	1	623494000
4" x 2"	P 60	1	623515000
4" x 2"	P 80	1	623516000
4" x 2"	P 180	1	623517000
4" x 2"	P 280	1	623518000

Hard stripping wheel



- For cleaning and descaling weld seams
- Removing rust, oxide layers and paint
- Strong longitudinal grinding of stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 46	1	623525000

Rubberized abrasive wheels



- Rubberized silicone carbide abrasive grain coating
- For removing small scratches. For bright shining, decorative longitudinal grinding of stainless steel and non-ferrous metals

Diameter inches	Grit	Pcs/Pkg	Order #
4" x 4"	P 60	1	623510000
4" x 4"	P 180	1	623499000

Cotton web polishing rings



- For pre-polishing non-ferrous steel in conjunction with the brown polishing paste 623522000
- Size: 4" x 3/8"
- Type: hard
- Pcs/Pkg: 8



- For high-gloss polishing of all metals in conjunction with the blue polishing paste 623524000
- Size: 4" x 3/8"
- Type: soft
- Pcs/Pkg: 8

SE12-115 Burnisher Accessories

Sisal polishing rings



- For pre-polishing steel and stainless steel in conjunction with the white polishing paste 623520000
- Size: 4" x 1/2"
- Type: impregnated
- Pcs/Pkg : 5

Order #
623507000

Polishing paste, white



- For pre-polishing and polishing steel and stainless steel in conjunction with sisal polishing rings, for example, 623507000

Order #
623520000

Polishing paste, brown



- For pre-polishing and polishing non-ferrous metals in conjunction with cotton web polishing rings, for example, 623508000

623522000

Polishing paste, blue



- For high-gloss polishing of all metals in conjunction with cotton web polishing rings, for example, 623509000

623524000

Steel-wire wheel brushes



- Ideal for removing rust, deburring and cleaning metal

Diameter inches	Width inches	Wire thickness	Order #
4"	2-3/4"	.010 mm	623501000

Stainless steel-wire wheel brushes



- With stainless wire. For cleaning weld seams, deburring, removing rust, roughening

Diameter inches	Width inches	Wire thickness	Order #
4"	2-3/4"	.008 mm	623503000

Plastic wheel brushes



- Elastic, grain-coated wheel brush for roughening and deburring metal

Diameter inches	Width inches	Order #
4"	2-3/4"	623505000

3 spacer rings



- For width compensation when using grinding rollers, brushes, polishing rings

Order #
623511000

Sanding belt driver



- With corrugated surface for non-slip work with grinding belts, nylon web and felt band
- Size: 3-3/8" x 2-3/4"

623529000

Sanding belts



- Pink aluminum oxide
- For sanding/grinding, descaling, derusting and smoothing of pipe and tube
- Use in combination with the sanding belt roll 623529000
- Can be resealed with adhesive tape 623530000

Length inches	Width inches	Grit	Pcs/Pkg	Order #
23-5/8"	1-3/16"	P 40	10	623532000
23-5/8"	1-3/16"	P 60	10	623533000
23-5/8"	1-3/16"	P 120	10	623534000
23-5/8"	1-3/16"	P 240	10	623535000

Adhesive tape



- For re-closing the sanding belts

Order #
623530000

Non-woven nylon web bands



- For fine grinding or polishing, also on "closed" pipe constructions
- Recloseable by "buttonhole closure"
- Use in combination with the sanding belt roll 623529000

Length inches	Width inches	Grit	Pcs/Pkg	Order #
26"	1-3/16"	coarse (brown)	3	623536000
26"	1-3/16"	medium (maroon)	3	623537000
26"	1-3/16"	fine (blue)	3	623538000
26"	1-3/16"	super fine (grey)	3	623539000

Felt band



- For polishing work, also on "closed" pipe constructions
- Can be used on both sides
- Recloseable by "buttonhole closure"
- Use in combination with the sanding belt roll 623529000

Order #
623541000

Stainless steel adhesive tape



- 1-9/16" W x 8' 4" L, self-adhesive

626376000

RBE 12-180 Pipe / Tube Belt Sander Accessories

Aluminum oxide sanding belts



- Suitable for use throughout the metal industry
- Grinding material with sturdy cotton base
- Good cutting output with good tool life
- Even grinding results

Dimensions inches	Grit	Pcs/Pkg	Order #
1-1/2" x 30"	P 120	10	626300000
1-1/2" x 30"	P 180	10	626301000
1-1/2" x 30"	P 240	10	626302000
1-1/2" x 30"	P 320	10	626303000
1-1/2" x 30"	P 400	10	626304000

Zirconia alumina sanding belts



- For all metal uses, particularly suited to the processing of stainless steel
- Grinding material with cotton backing
- Fast cutting with good life
- For rough finishing and deburring of steel and stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order #
1-1/2" x 30"	P 60	10	626305000
1-1/2" x 30"	P 80	10	626306000
1-1/2" x 30"	P 120	10	626307000

Ceramic grain sanding belts



- For all metal uses, particularly suited to the processing of stainless steel
- Fast cutting with extremely long life thanks to the self-sharpening ceramic grain
- For rough finishing and deburring of steel and stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order #
1-1/2" x 30"	P 60	10	626308000
1-1/2" x 30"	P 80	10	626309000
1-1/2" x 30"	P 120	10	626310000

"Pyramid" sanding belts



- For all metal uses, particularly suited to the processing of stainless steel
- 3-dimensional structure of the grinding media (pyramid-shaped). High removal of material with a very even and fine grinding result for the entire lifetime of the product
- Fastest finish; considerably reduces working time compared to traditional grinding methods

Dimensions inches	Grit	Pcs/Pkg	Order #
1-1/2" x 30"	P 120 (A 160)	5	626311000
1-1/2" x 30"	P 280 (A 65)	5	626312000
1-1/2" x 30"	P 400 (A 45)	5	626313000
1-1/2" x 30"	P 600 (A 30)	5	626314000
1-1/2" x 30"	P 1200 (A 16)	5	626315000
1-1/2" x 30"	P 2000 (A6)	5	626316000

Non-woven nylon web belts



- For grinding, cleaning and finishing work
- For removing scratches, color runs and oxide layers
- For preparing, pre-grinding and polishing weld seams

Diameter inches	Grit	Pcs/Pkg	Order #
1-1/2" x 30"	Coarse	3	626319000
1-1/2" x 30"	Medium	3	626320000
1-1/2" x 30"	Very fine	3	626322000

Felt belt



- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste

Diameter inches	Grit	Pcs/Pkg	Order #
1-1/2" x 30"	Soft	1	626323000

Polishing paste, white



- For pre-polishing stainless steel

Order #
623520000

Polishing paste, blue



- For final polishing of all metals

623524000

Micro fiber cloth



- 3 micro-fiber cloths
- For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue
- Suitable for all metals and hard plastics

Order #
626398000

Fillet Weld Grinder Accessories

Compressed non-woven nylon discs - VKS



- Made of compressed nylon on a fiberglass disc
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, colored and light metals, chrome and nickel steels, titanium, stainless steels

Dimensions inches	Grit	Pcs/Pkg	Order #
6" x 1/8" x 1"	Medium	1	626400000
6" x 1/4" x 1"	Very fine	1	626401000
6" x 1/4" x 1"	Medium	1	626402000

Felt disc



- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste

Dimensions inches	Grit	Pcs/Pkg	Order #
6" x 3/16" x 1"	Soft	1	626395000

Profiling file



- For profiling of the fleece compact disc - VKS
- Incl. 2 sanding paper strips P24

Order #
626396000

Sandpaper strips for the profiling file



- Cling-fit

Dimensions inches	Grit	Pcs/Pkg	Order #
1-3/16" x 7-1/2"	P 24	25	626397000

Micro-fiber cloth



- 3 micro-fiber cloths
- For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue
- Suitable for all metals and hard plastics

Order #
626398000

Band File Accessories

Aluminum oxide sanding belts



- Suitable for use on metals or wood
- Good removal rate with good belt life
- Consistent results

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
P 40	10	626326000	626332000	626338000
P 60	10	626327000	626333000	626339000
P 80	10	626328000	626334000	626340000
P 120	10	626329000	626335000	626341000
P 240	10		626337000	

Zirconia alumina sanding belts



- For all metal uses, particularly suited to the processing of steel/stainless steel
- Excellent removal rate and long belt life
- For rough finishing and deburring

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
P 40	10	626344000	626348000	626352000
P 60	10	626345000	626349000	626353000
P 80	10	626346000	626350000	626354000
P 120	10	626347000	626351000	626355000

Ceramic grain sanding belts



- For all metal uses, particularly suited to the processing of steel/stainless steel
- Extremely high removal rate with excellent belt life due to self sharpening ceramic grains
- For rough and medium finishing and deburring

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
P 40	10	626356000	626360000	626364000
P 60	10	626357000	626361000	626365000
P 80	10	626358000	626362000	626366000
P 120	10	626359000	626363000	626367000

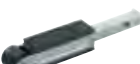
Non-woven nylon web bands




- For grinding, cleaning and finishing work
- For removing scratches, color runs and oxide layers
- For preparing, pre-grinding and polishing weld seams


Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
Coarse	5	626383000	626387000	626391000
Medium	5	626384000	626388000	626392000
Very fine	5	626386000	626390000	626394000






Band File Accessories







Sanding belt arms	
 <ul style="list-style-type: none"> • Suitable for sanding belts 1/4 x 18 in. and 1/2 x 18 in. • For sanding narrow areas, weld seams, deburring edges • Work on flat or curved surfaces 	Order # 626379000
 <ul style="list-style-type: none"> • Suitable for sanding belts 1/4 x 18 in. • For sanding narrow areas, edges, deburring pipe and tube • Work on flat surfaces 	626380000
 <ul style="list-style-type: none"> • Suitable for sanding belts 1/2 x 18 in. • For sanding edges, deburring pipes, sanding welds • Work on flat surfaces 	626381000
 <ul style="list-style-type: none"> • Suitable for sanding belts 3/4 x 18 in. • For grinding edges and surfaces • Work on flat surfaces 	626382000

Micro-fiber cloth	
 <ul style="list-style-type: none"> • 3 micro-fiber cloths • For cleaning and evenly distributing protective media and polishes • For removing pastes and cream residue • Suitable for all metals and hard plastics 	Order # 626398000

Polisher Accessories

Hook and loop backing pads		
 <ul style="list-style-type: none"> • Velcro-faced, for attaching polishing and sanding accessories 		
Diameter inches	Pcs/Pkg	Order no.
5" Soft backing pad	1	655141000
5" Medium backing pad	1	655129000
5" Hard backing pad	1	623298000
7" Hard backing pad	1	655143000

5" Hook and loop backed accessories				
	Diameter inches	Description	Pcs/Pkg	Order no.
	5"	Cling-fit intermediate disc for uneven surfaces	1	631216000
	5"	Polishing sponge	1	631222000
	5"	Lambs wool buff	1	631223000
	5"	Non-woven abrasives disc - Medium - A100	1	631238000
	5"	Non-woven abrasives disc - Fine - A280	1	631239000

Hook and loop polishing felt and paste				
	Diameter inches	Description	Pcs/Pkg	Order no.
	5"	Hard felt polishing disc	1	631242000
	7"	Hard felt polishing disc	1	624919000
	n/a	Polishing paste stick - white	1	623520000
	5"	Soft "final" felt polishing disc	1	624964000
	7"	Soft "final" felt polishing disc	1	624966000
	n/a	"Final" polishing paste stick - blue	1	623524000

Automotive / painted surfaces				
	Diameter inches	Description	Pcs/Pkg	Order no.
	7"	Lambs wool bonnet	1	655131000
	7"	Hard backing pad for bonnet	1	655130000



MADE TO WORK AS HARD AS YOU DO.

Rough work, grinding, brushing, cutting, finishing and polishing, hardly any tool is used as much as an angle grinder. Therefore, we have divided our angle grinders into three classes: compact, intermediate and full size, so you always get the right tool for the job. Metabo grinders have the latest technology to maximize productivity, safety and longevity. **Metabo. Work. Don't play.**





Double insulation

Double insulation protects against electric shock by creating a non-conducting barrier between the operator and the electric components inside the tool.

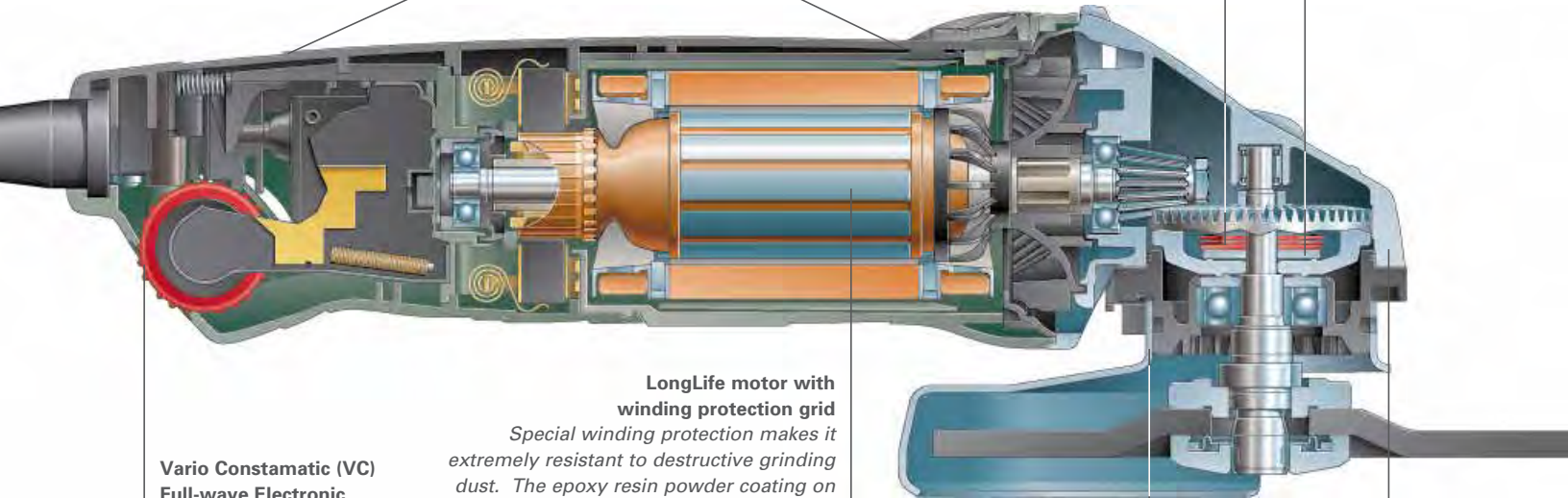
Metabo safety clutch

For protection against kick-back which can occur if the wheel jams.

Ergonomic design
2 "comfort" zones for superior grip.

Metabo "Quick" spannerless wheel change system

Metabo quick wheel change system allows for safe, tool-free wheel change.

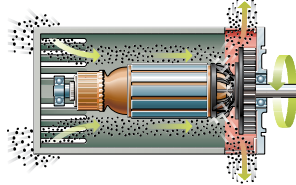


Vario Constamatic (VC) Full-wave Electronic Speed Control

The speed can be varied from the lowest speed value to the maximum. The speed remains constant under moderate load and drops under heavy load.

LongLife motor with winding protection grid

Special winding protection makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads. Winding protection grid deflects harmful airborne debris away from armature windings thus the motor will last up to five times longer than a motor without such protection.



Tacho Constamatic (TC) Full-wave Electronic Speed Control

Vario Tacho Constamatic (VTC) Full-wave Electronic Speed Control

The speed at rated load, even under heavy operating conditions is equal to the no-load speed.

Toolless guard adjustment

Quickly change the position of the guard without using tools. Easy operation increases operator safety.

Aluminum die-cast housing

For optimum heat dissipation and superior durability.

Electronic winding temperature monitor

Warning light of a possible overload when the windings approach a harmful temperature. (WE, WEP, WEPA and WEPBA models only)



Vibratex anti-vibration handle

The Vibratex handle is a response to the requests for the reduction of the cumulative problems associated with vibration to the hands and arms from the use of power tools. Vibration on the Side handle is reduced by up to 60% compared to the current handle. The risk of "White Finger Syndrome" caused by vibration exposure over the workers lifespan is reduced considerably! (see page 84)

Twister 3 position rear handle for cutting/grinding

The Metabo twister handle turns 90 degrees in either direction, without tools.



WHY METABO?

German Engineering: Precision, Longevity, Performance and Safety

- **Metabo Brake Technology***

- stops grinding wheel in under 2 seconds
- stops thin cutting wheels in under 1 second
- greatly reduces the likelihood of injury from kickback or loss of control



- **'S' Automatic Safety Slip Clutch***: Increased safety, predictable handling
Clutch helps to protect operator from kick back



- **TC / VTC Electronics***: Fastest performance, greatest productivity

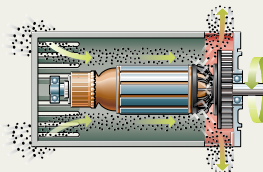
- Speed Stabilization: work done faster
- Thermal overload protection: increased longevity
- Soft Start / Power Interruption Protection: enhanced safety and ergonomics

- **'Winding Protection Grid'***: Increased motor life up to 5X in tough environments

- **'Quick' Tool-less Wheel Change System***: Keeps the operator engaged in the work

- **'LongLife' Motors***

- Protection from harmful dust and debris
- Cooler operation for best in class longevity



- **'Anti-vibration' Side handles***: Better comfort, less vibration

- **Paddle Switch Angle Grinders***: Improved safety and ergonomics

- **Vibration Damping Rear Twister Handle***: Improved handling, less fatigue

- **Metabo 'Auto-balance' System***

- 50% greater wheel life
- 50% greater tool life
- Reduced likelihood of work related disorders



*See individual tool specifications for details

The right grinder for every application.

Type Page

BASIC SERIES

Compact Class

Maximum grinding wheel dia 6"

Applications:

Edge grinding
Deburring
Weld grinding
Metal removal
Tile cutting



Rated input watts

720-1450

W780 (4 1/2") **NEW!** 69

W820 (4 1/2") **NEW!** 69

W820 (5") **NEW!** 69

WP820 (4 1/2") **NEW!** 69

WP820 (5") **NEW!** 69

W1080 (4 1/2") 70

W1080 (5") 70

W1080RT 70

WE1450-125 **NEW!** 70

WE1450-150 **NEW!** 70

Large Class

Maximum grinding wheel dia.
7", 9"

Applications:

Hard grinding
Heavy weld removal
Heavy metal removal
Cutting brick/block/pavers



Rated input watts

2000

W2000 (7") 80

W2000 (9") 80

PROFESSIONAL SERIES

Compact Class

Maximum grinding wheel dia.
4 1/2", 5", 6"

Applications:

Wire brushing
Cutting rod, angle iron, pipe
Welding preparation
Smoothing welded seams
Metal removal
Cutting tiles
Stone cutting, forming, polishing
Paint preparation



Rated input watts

850-1450

W8-115 Kit 71

W8-115 71

W8-115 Quick 71

WP8-115 Quick 72

W8-125 72

WP8-125 Quick 72

WE9-125 Quick 73

W11-125 Quick 73

WP11-125 Quick 74

W11-150 Quick 74

WP11-150 Quick 74

WE14-125 Plus 75

WE14-125 VS 75

WE14-150 Quick 75

WEP14-150 Quick 75

WA11-125 Quick 77

WEPA14-125 Quick 77

WEPA14-150 Quick 77

WEPBA14-125 Quick 78

WEPBA14-150 Quick 78

Intermediate Class

Maximum grinding wheel dia. 6"

Applications:

Cutting thick sections
Hard grinding
Heavy weld grinding



Rated input watts

1400

W14-150 Ergo **NEW!** 79

W14-150 Ergo **NEW!** 79

(DM)

Large Class

Maximum grinding wheel dia.
7", 9"

Applications:

Cutting full material
Cutting concrete and slabs
Hard grinding
Maximum material removal



Rated input watts

2400-2600

W24-180 81

W24-230 81

W26-230 81



W780
4 1/2" Angle Grinder

NEW



W820
4 1/2" Angle Grinder

NEW



W820
5" Angle Grinder

NEW



WP820
4 1/2" Angle Grinder
with non-locking
paddle switch

NEW



WP820
5" Angle Grinder
with non-locking
paddle switch

NEW

Model # Order #	W780 (4 1/2") 606725420	W820 (4 1/2") 606727420	W820 (5") 606728420	WP820 (4 1/2") 606729420	WP820 (5") 606730420
Non-locking paddle switch				●	●
Side switch with lock on capability	●	●	●		
Spindle lock	●	●	●	●	●
Low profile aluminum die-cast gear housing	●	●	●	●	●
Burst-proof guard	●	●	●	●	●
Ergonomic Side handle	●	●	●	●	●
Auto-stop carbon brushes	●	●	●	●	●
Maximum torque	14 inch lbs.	14 inch lbs.	16 inch lbs.	14 inch lbs.	16 inch lbs.
← Inquire about 220V availability →					
Maximum wheel diameter	4 1/2"	4 1/2"	5"	4 1/2"	5"
No-load speed (RPM)	11000	11000	10000	11000	10000
Amps	6.5	7.5	7.5	7.5	7.5
Rated input watts	720	820	820	820	820
Arbor size	7/8"	7/8"	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Tool weight	4.4 lbs.	4.7 lbs.	4.7 lbs.	4.7 lbs.	4.7 lbs.
Shipping weight	5.8 lbs.	6.0 lbs.	6.0 lbs.	6.0 lbs.	6.0 lbs.
Length	10 7/8"	10 7/8"	10 7/8"	10 7/8"	10 7/8"
Carrying case (optional)	344454180	344454180	344454180	344454180	344454180

Standard Equipment:					
Side handle	(314000540)	(314000540)	(314000540)	(314000540)	(314000540)
Type 27 wheel guard	(339203660)	(339203660)	(339203670)	(339203660)	(339203670)
Inner flange	(341031290)	(341031290)	(341031290)	(341031290)	(341031290)
Face spanner	(623934000)	(623934000)	(623934000)	(623934000)	(623934000)
Outer nut	(341101480)	(341101480)	(341101480)	(341101480)	(341101480)
Optional Equipment:					
Type 1 Cut-off wheel guard	(630366000)	(630366000)	(630364000)	(630366000)	(630364000)



W1080-115
4 1/2" Angle
Grinder



W1080-125
5" Angle Grinder



W1080 RT
5" Angle Grinder



WE1450-125
5" Angle Grinder

NEW



WE1450-150
6" Angle Grinder

NEW

Model #	W1080-115	W1080-125	W1080 RT	WE1450-125	WE1450-150
Order #	606721420	606722420	606724420	600680420	600683420
Ergonomic Rat Tail Design			●	●	●
AC/DC capability			●		
Side switch with lock on capability	●	●		●	●
Non-locking trigger switch			●		
Spindle lock	●	●	●	●	●
Low profile aluminum die-cast gear housing	●	●	●	●	●
Burst-proof guard	●	●	●	●	●
Ergonomic side handle	●	●	●	●	●
Electronic overload protection				●	●
Auto-stop carbon brushes	●	●	●	●	●
Electronic soft start feature				●	●
Electronic speed stabilization				●	●
Maximum torque	26 inch lbs.	26 inch lbs.	26 inch lbs.	44 inch lbs.	44 inch lbs.
← Inquire about 220V availability →					
Maximum wheel diameter	4 1/2"	5"	5"	5"	6"
No-load speed (RPM)	11000	10000	10000	9000	9000
Amps	10.0	10.0	10.0	12.0	12.0
Rated input watts	1080	1080	1080	1450	1450
Arbor size	7/8"	7/8"	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.2 lbs.	5.2 lbs.	5.4 lbs.	5.2 lbs.	5.2 lbs.
Shipping weight	6.6 lbs.	6.6 lbs.	6.8 lbs.	6.6 lbs.	6.6 lbs.
Length	12"	12"	14 3/4"	14 3/4"	14 3/4"
Carrying case (optional)	(344454180)	(344454180)	(623854000)	(623854000)	(623854000)
Standard Equipment:					
Side handle	(314000540)	(314000540)	(314000540)	(314000540)	(314000540)
Type 27 wheel guard	(339203990)	(339203970)	(339203970)	(339203970)	(339204250)
Inner flange	(341031290)	(341031290)	(341031290)	(341031290)	(341031290)
Face spanner	(623934000)	(623934000)	(623934000)	(623934000)	(623934000)
Outer nut	(341101480)	(341101480)	(341101480)	(341101480)	(341101480)
Optional Equipment:					
Type 1 Cut-off wheel guard	(630366000)	(630364000)	(630364000)	(630364000)	(630362000)



W8-115 Kit
4 1/2" Angle Grinder



W8-115
4 1/2" Angle Grinder



W8-115 Quick
4 1/2" Angle Grinder

Model # Order #	W8-115 Kit 600259850	W8-115 600259420	W8-115 Quick 600264420
LongLife motor	●	●	●
Quick wheel change system			●
Switch with lock on capability	●	●	●
AC/DC capability	●	●	●
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum torque	19.5 inch lbs.	19.5 inch lbs. Inquire about 220V availability	19.5 inch lbs. Inquire about 220V availability
Maximum wheel diameter	4 1/2"	4 1/2"	4 1/2"
No-load speed (RPM)	10000	10000	10000
Amps	8.0	8.0	8.0
Rated input watts	800	800	800
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.4 lbs.	5.4 lbs.	5.4 lbs.
Shipping weight	9.6 lbs.	6.3 lbs.	6.2 lbs.
Length	11 3/4"	11 3/4"	11 3/4"
Carrying case	344454180 (standard)	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480) 4 1/2" x .080 diamond blade	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480)	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Outer nut (316031310)
Optional Equipment:	Type 1 Cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)



WP8-115 Quick
4 1/2" Angle Grinder
with non-locking paddle switch



W8-125
4 1/2"/5" Angle Grinder



WP8-125 Quick
4 1/2"/5" Angle Grinder
with non-locking paddle switch

Model # Order #	WP8-115 Quick 600267420	W8-125 600263420	WP8-125 Quick 600268420
LongLife motor	●	●	●
Quick wheel change system	●		●
Switch with lock on capability		●	
Non-locking paddle switch	●		●
AC/DC capability		●	
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum torque	19.5 inch lbs	19.5 inch lbs	19.5 inch lbs
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
Maximum wheel diameter	4 1/2"	5"	5"
No-load speed (RPM)	10000	10000	10000
Amps	8.0	8.0	8.0
Rated input watts	800	800	800
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.3 lbs.	5.4 lbs.	5.4 lbs.
Shipping weight	6.2 lbs.	6.3 lbs.	6.3 lbs.
Length	11.75"	11.75"	11.75"
Carrying case	344454180 (optional)	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316031310)
Optional Equipment:	Type 1 cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)	Type 1 cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)



WE9-125 Quick
4 1/2"/5" Angle Grinder
Electronic Variable Speed



W11-125 Quick
4 1/2"/5" Angle Grinder

Model #	WE9-125 Quick	W11-125 Quick
Order #	600269420	600270420
Vario constamatic (VC) electronics	●	
LongLife motor	●	●
Quick wheel change system	●	●
Switch with lock on capability	●	●
AC/DC capability		●
Spindle lock	●	●
Low profile aluminum die-cast gear housing	●	●
Burst-proof guard w/ 7 stops	●	●
Anti-vibration Side handle	●	●
Metabo slip clutch	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Maximum torque	22 inch lbs. Inquire about 220V availability	26.9 inch lbs. Inquire about 220V availability
Maximum wheel diameter	5"	5"
No-load speed (RPM)	3000-10000	10000
Amps	8.5	9.6
Rated input watts	950	1100
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	5.4 lbs.	5.8 lbs.
Shipping weight	6.2 lbs.	6.8 lbs.
Length	11.75"	12.25"
Carrying case	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316031310)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)



WP11-125 Quick
4 1/2" / 5" Angle Grinder
with non-locking paddle switch



W11-150 Quick
5" / 6" Angle Grinder



WP11-150 Quick
5" / 6" Angle Grinder
with non-locking paddle switch

Model # Order #	WP11-125 Quick 600279420	W11-150 Quick 600271420	WP11-150 Quick 600280420
LongLife motor	●	●	●
Quick wheel change system	●	●	●
Switch with lock on capability		●	
Non-locking paddle switch	●		●
AC/DC capability		●	
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum torque	26.9 inch lbs.	29.2 inch lbs	29.2 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
Maximum wheel diameter	5"	6"	6"
No-load speed (RPM)	10000	9000	9000
Amps	9.6	9.6	9.6
Rated input watts	1100	1100	1100
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.6 lbs.	6.0 lbs.	5.9 lbs.
Shipping weight	6.5 lbs.	7.0 lbs.	6.8 lbs.
Length	12.25"	12.25"	12.25"
Carrying case	344454180 (optional)	656304000 (optional)	656304000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203020) Inner flange (341031290) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203020) Inner flange (341031290) Outer nut (316031310)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



WE14-125 Plus
Electronic Variable Speed
4 1/2" / 5" Angle Grinder



WE14-125 VS
Electronic Variable Speed
4 1/2" / 5" Angle Grinder



WE14-150 Quick
Electronic
5" / 6" Angle Grinder



WEP14-150 Quick "Deadman"
Electronic 6" Angle Grinder/Cut-off
Machine with non-locking paddle switch

Model # Order #	WE14-125 Plus 600281420	WE14-125 VS 600292420	WE14-150 Quick 600160420	WEP14-150 Quick 600290420
Vario tacho constamatic (VTC) electronics	●	●		
Tacho constamatic (TC) electronics			●	●
LongLife motor	●	●	●	●
Quick wheel change system	●		●	●
Switch with lock on capability	●	●	●	
Non-locking paddle switch				●
Current interruption protection	●	●	●	●
Spindle lock	●	●	●	●
Low profile aluminum die-cast gear housing	●	●	●	●
Variable speed dial	●	●		
Burst-proof guard w/ 7 stops	●	●	●	●
Anti-vibration Side handle	●	(WE14-125 VS includes standard Side handle)	●	●
Electronic winding temperature monitor with LED display	●		●	●
Metabo slip clutch	●	●	●	●
Auto-stop carbon brushes	●	●	●	●
Winding protection grid	●	●	●	●
Electronic soft start feature	●	●	●	●
Electronic speed stabilization	●	●	●	●
Maximum torque	29.2 inch lbs.	29.2 inch lbs.	31 inch lbs.	31 inch lbs.
	Inquire about 220V availability		Inquire about 220V availability	Inquire about 220V availability
Maximum wheel diameter	5"	5"	6"	6"
No-load speed (RPM)	7000-10500	2800-10500	8000	8000
Amps	12.2	12.2	12.2	12.2
Rated input watts	1400	1400	1400	1400
Arbor size	7/8"	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Tool weight	6.2 lbs.	6.2 lbs.	6.1 lbs.	6.1 lbs.
Shipping weight	7.2 lbs.	7.2 lbs.	7.6 lbs.	7.6 lbs.
Length	12.25"	12.25"	12.25"	12.25"
Carrying case	344454180 (optional)	344454180 (optional)	656304000 (optional)	656304000 (optional)
Standard Equipment: (Type 27)	Side handle (314000970) Wheel guard (339203010) Inner flange (341031290) Outer nut (316031310)	Side handle (314000540) Wheel guard (339203010) Inner flange (341031290) Outer nut (341101480) Spanner wrench (623934000)	Side handle (314000970) Wheel guard (339203020) Type 27 Inner flange (341031850) Outer nut (316031310) Flange kit (316037200)	Side handle (314000970) Wheel guard (339203020) Type 27 Inner flange (341031850) Outer nut (316031310) Flange kit (316037200)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



#1 IN SAFETY!

Safety Advantage

Metabo angle grinders are known for their longevity and safety due to the use of high quality, and innovative features. Now, with the introduction of our brake and auto-balancing features, our grinders are safer, more comfortable, offer longer wheel life, longer tool life, and ultimate safety!

THE AUTO-BALANCE ADVANTAGES



- Less fatigue, more comfort
- Reduced possibility of cumulative work related disorders
- 50% Longer Tool Life
- 50% Longer Wheel Life



Auto-balance flange
 The auto-balancer is pressed onto the spindle and replaces the traditional backing flange. No more lost backing flanges!



- The Metabo Safety Package**
- Auto-balancer System (depending on model)
 - Metabo Brake Technology (depending on model)
 - Ergonomic Anti-Vibration Side handle
 - Metabo S-Automatic Safety Clutch
 - Tool-less, Burst-proof guard
 - Non-locking Paddle Switch designs (depending on model)



WA11-125 Quick
4 1/2" / 5" Angle Grinder



WEPA14-125 Quick
Electronic 4 1/2" / 5" Angle Grinder



WEPA14-150 Quick
Electronic 5" / 6" Angle Grinder

Model #	WA11-125 Quick	WEPA14-125 Quick	WEPA14-150 Quick
Order #	601101420	600304420	600305420
Tacho constamatic (TC) electronics		●	●
LongLife motor	●	●	●
Quick wheel change system	●	●	●
Auto-balance feature	●	●	●
AC/DC lock on switch	●		
Non-locking paddle switch		●	●
Current interruption protection		●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Electronic winding temperature monitor with LED display		●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Electronic soft start feature		●	●
Electronic speed stabilization		●	●
Maximum torque	26.9 inch lbs.	29.2 inch lbs.	31 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
Maximum wheel diameter	5"	5"	6"
No-load speed (RPM)	10000	10000	8000
Amps	9.6	12.2	12.2
Rated input watts	1100	1400	1400
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.8 lbs.	6.0 lbs.	6.1 lbs.
Shipping weight	6.8 lbs.	7.1 lbs.	7.6 lbs.
Length	12.25"	12.25"	12.25"
Carrying case	344454180 (optional)	344454180 (optional)	656304000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203010) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203020) Outer nut (316031310)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



WEPBA14-125 Quick
Electronic 5" Angle Grinder



WEPBA14-150 Quick
Electronic 6" Angle Grinder



Model #	WEPBA14-125 Quick	WEPBA14-150 Quick
Order #	600166420	600322420
Tacho constamatic (TC) electronics	●	●
LongLife motor	●	●
Quick wheel change system	●	●
Auto-balance feature	●	●
Metabo brake feature	●	●
Non-locking paddle switch	●	●
Current interruption protection	●	●
Low profile aluminum die-cast gear housing	●	●
Burst-proof guard w/ 7 stops	●	●
Anti-vibration Side handle	●	●
Electronic winding temperature monitor with LED display	●	●
Metabo slip clutch	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic soft start feature	●	●
Electronic speed stabilization	●	●
Maximum torque	29.2 inch lbs. Inquire about 220V availability	31 inch lbs. Inquire about 220V availability
Maximum wheel diameter	5"	6"
No-load speed (RPM)	10,000	9,000
Amps	12.2	12.2
Rated input watts	1,400	1,400
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	6.3 lbs	6.4 lbs
Shipping weight	7.4 lbs	8.0 lbs
Length	12.75"	12.75"
Carrying case	344454180 (optional)	656304000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Outer nut (316031310)	Side handle (314000970) Type 27 wheel guard (339203020) Outer nut (316031310)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



W14-150 Ergo
6" Angle Grinder

NEW



W14-150 Ergo "Deadman"
6" Angle Grinder with
non-locking paddle type switch

NEW

Model #	W14-150 Ergo	W14-150 Ergo DM
Order #	606251420	606251440
Maximum grinding wheel diameter	6"	6"
LongLife motor	●	●
Spindle lock	●	●
Anti-vibration (3-position) Side handle	●	●
Twister 3-position rear handle for cutting/grinding	●	●
Burst-proof guard w/ 7 stops	●	●
Winding Protection Grid	●	●
Safety lock to prevent the accidental switching on of the tool	●	●
Auto-stop carbon brushes	●	●
Maximum torque	44 inch lbs. Inquire about 220V availability	44 inch lbs. Inquire about 220V availability
Maximum wheel diameter	6"	6"
No-load speed (RPM)	9700	9700
Amps	12	12
Rated input watts	1400	1400
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	8.2 lbs.	8.2 lbs.
Shipping weight	10.2 lbs.	10.2 lbs.
Length	16"	16"
Carrying case	623874000 (optional)	623874000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203020) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)	Side handle (314000970) Type 27 wheel guard (339203020) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)
Optional Equipment:	Type 1 Cut-off wheel guard (339203050)	Type 1 Cut-off wheel guard (339203050)



W2000
7" Angle Grinder



W2000
9" Angle Grinder

Model #	W2000	W2000
Order #	606418420	606420420
Order # (non-locking deadman switch)	US606418760	US606420760
Spindle lock	●	●
3-position Side handle	●	●
Aluminum die-cast gear housing	●	●
Burst proof guard	●	●
Safety lock to prevent the accidental switching on of the tool	●	●
Auto-stop carbon brushes	●	●
AC/DC capability	●	●
Maximum torque	89 inch lbs.	115 inch lbs.
Maximum wheel diameter	7"	9"
No-load speed (RPM)	8500	6600
Amps	15.0	15.0
Rated input watts	2000	2000
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	12.5 lbs.	12.75 lbs.
Shipping weight	16.7 lbs.	17 lbs.
Length	19 1/2"	19 1/2"
Carrying case	623874000 (optional)	623874000 (optional)
Standard Equipment:	Side handle (314000280) Type 27 wheel guard (316045010)	Side handle (314000280) Type 27 wheel guard (316045000)

Optional Equipment:

For mounting Type 1 and Type 27 non-hubbed wheels



655038000 Adapter kit to mount diamond blades on 7" - 9" grinders



655039000 Adapter kit to mount 7" - 9" Type 27 wheels w/o hub.
655052000 replacement nut

Dustless 7" Convertable Shroud



655154000 Dustless 7" Convertable Shroud
For concrete surface prep using 7" diamond cup wheels on W24-180, W24-230, W26-230 or W2000.

Basic Series Type 1 Cut-off Wheel Guard

630386000 Type 1 Cut-off wheel guard for 7" Grinders

630387000 Type 1 Cut-off wheel guard For 9" Grinders



W24-180
7" Angle Grinder



W24-230
9" Angle Grinder



W26-230
9" Angle Grinder

Model #	W24-180	W24-230	W26-230
Order #	606445420	606448420	606453420
Order # (non-locking deadman switch)	US606445760	US606448760	US606453760
Maximum grinding wheel diameter	7"	9"	9"
LongLife motor	●	●	●
Spindle lock	●	●	●
Anti-vibration (3-position) side handle	●	●	●
Twister 3 position rear handle for cutting/grinding	●	●	●
Burst proof guard w/ 7 stops	●	●	●
Winding protection grid	●	●	●
Safety lock to prevent the accidental switching on of the tool	●	●	●
Auto-stop carbon brushes	●	●	●
AC/DC capability	●	●	●
Maximum torque	124 inch lbs.	150 inch lbs.	159 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
Maximum wheel diameter	7"	9"	9"
No-load speed (RPM)	8500	6600	6600
Amps	15.0	15.0	15.0
Rated input watts	2400	2400	2600
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	13.3 lbs.	13.6 lbs.	14 lbs.
Shipping weight	17 lbs.	17.3 lbs.	19 lbs.
Length	18"	18"	18"
Carrying case	623874000 (optional)	623874000 (optional)	623874000 (optional)
Standard Equipment:	Side handle (314000960)	Side handle (314000960)	Side handle (314000960)
(Type 27)	Wheel guard (339204020)	Wheel guard (339204010)	Wheel guard (339204010)

Optional Equipment:

For mounting Type 1 and Type 27 non-hubbed wheels



US655038000 Adapter kit to mount diamond blades on 7" - 9" grinders



655039000 Adapter kit to mount 7" - 9" Type 27 wheels w/o hub. 655052000 replacement nut

Dustless 7" Convertible Shroud



655154000 Dustless 7" Convertible Shroud For concrete surface prep using 7" diamond cup wheels on W24-180, W24-230 or W26-230.

Professional Series Type 1 Cut-off Wheel Guard

630370000 Type 1 Cut-off wheel guard for 7" Grinders

630371000 Type 1 Cut-off wheel guard For 9" Grinders



5" Angle Grinder Surface Prep Kit
WE14-125 Plus w/Dust Control Shroud



7" Angle Grinder Surface Prep Kit
W24-230 w/Dust Control Shroud

Model #	5" Angle Grinder Surface Prep Kit WE14-125 Plus w/Dust Control Shroud	7" Angle Grinder Surface Prep Kit W24-230 w/Dust Control Shroud
Order #	US600281800	US606448800
Order # (Kit with Vacuum)	US502055420	US702055421
Order # (Kit with HEPA Vacuum)	US502055800	US702055801
Vario tacho constamatic (VTC) electronics	●	
LongLife motor	●	●
Quick wheel change system	●	
Switch w/ lock on capability	●	●
Anti-vibration Side handle	●	●
Metabo slip clutch	●	
Auto-stop carbon brushes	●	●
Winding Protection Grid	●	●
Current interruption protection	●	
Electronic speed stabilization	●	
Electronic soft start	●	
Maximum torque	29.2 inch lbs.	150 inch lbs.
Maximum wheel diameter	5"	7"
No-load speed (RPM)	7000-10500	6600
Amps	12.2	15
Rated input watts	1400	2400
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	7.2 lbs.	14.7 lbs.
Shipping weight	8.6 lbs.	18.6 lbs.
Length	12.25"	18"
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316031310) Convertible Shroud (655153000)	Side handle (314000960) Type 27 wheel guard (339203260) Loop handle w/bolts (US630342000) Convertible Shroud (655154000)



ASR35 ACP
Auto Clean
Vacuum Cleaner

NEW

Model #	ASR35 ACP
Order #	602057420*
Order # (HEPA Version)	US602057800**
Easy change pleated polyester filter cassettes	●
Soft start	●
Automatic electromagnetic vibration filter cleaning	●
Stable design	●
Extra large rear wheels	●
Integrated power inlet with Automatic Start and Current Control	●
Run on 7 sec. to clear hose	●
Air output CFM	130
Max. vacuum pressure mBar	248
Filter surface inches² total	1333
Rated input watts/amps	1400/10.2
Container capacity	9 gallons
Tool weight	33.1 lbs.

Standard Equipment:
Suction hose 1-1/2" x 16 ft (341148180)
PVC collection bag (630325000)
Standard Filter (631934000)*
HEPA Filter (630326000)**

Optional Equipment:
Transport handle (630311000)
Vacuum wand (630867000)
Crevice tool (630323000)
Floor tool (630322000)
Adaptor for hose to 2-1/4" inlet (630316000)
Paper dust bag 5pk (631935000)
Fleece pre-filter bag 5pk (630343000)

Current Control
Current control protects the main circuit from overload when using included tool outlet.



GE710 Compact
Variable Speed
13,000-34,000 RPM
Die Grinder






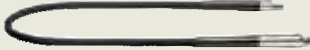

New Spindle Lock Feature
GE710 Plus
Variable Speed
10,000-30,500 RPM Die Grinder



New Spindle Lock Feature
GE950 G Plus
Variable Speed
2,500-8,700 RPM
High Torque Die Grinder

Model #	GE710 Compact	GE710 Plus	GE950 G Plus
Order #	600615420	600616420	600618420
Order # (non-locking deadman switch)		US600616760	US600618760
Switch with lock on capability	●	●	●
Soft Rubber Grip			●
Spindle lock		●	●
Aluminum die-cast gear housing	●	●	●
"Extended spindle which allows working into confined areas		●	●
High torque through gear reduction			●
Ergonomic Side handle			●
Auto-stop carbon brushes	●	●	●
Vario-constamatic (VC) electronics	●	●	●
Suitable for occasional DC use	●		
Maximum torque	5.3 inch lbs.	5.3 inch lbs.	27 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
No-load speed (RPM)	13000-34000	10000-30500	2500-8700
Amps	6.4	6.4	8.5
Rated input watts	710	710	950
Collet bore	1/4"	1/4"	1/4"
Tool Weight	3.6 lbs.	4.1 lbs.	4.3 lbs.
Shipping weight	4.4 lbs.	5.0 lbs.	5.2 lbs.
Length	10"	13 3/4"	14"
Standard Equipment:	Collet wrench (344161300) 1/4" collet (631949000) Spindle wrench (344162400)	Collet wrench (344161300) 1/4" collet (631949000) Soft rubber grip (344099150)	Collet wrench (344161300) 1/4" collet (631949000) Side handle (631052000) Soft rubber grip (344099150)
Optional Equipment:	1/8" collet (631948000) Side handle (631052000)	1/8" collet (631948000) Side handle (631052000)	1/8" collet (631948000)

(See page 109 for carbide burs)

Accessories	
	628329000 Cage Mount System For use with GE710 Plus & GA18 LTX
	627354000 Bench Mount Stand For working with the flex shaft
	627107000 Clamp For attaching 627354000 to work bench
	630980420 Flex Shaft <ul style="list-style-type: none"> • 4 ft. long, heavy-duty rubber covered flex shaft for use with both die grinder or router motor • Ball bearing construction • 1/4" collet for 1/4" shank mounted bits • Speed range 10,000 to 30,500 RPM (Not for use on tools running less than 10,000 RPM) • 1/4" Replacement Collet 630978000
	655169000 Die Grinder Cut-off Wheel Guard (Use on GE700 and GE900 Plus die grinders) Always comply with ANSI B7.1 655170000 Die Grinder Cut-off Wheel Guard (Use on GE710 and GE950) Always comply with ANSI B7.1

Accessories



623934000 Straight spanner
623910000 Offset spanner



314000970 Vibratech anti-vibration Side handle for 4 1/2"-6" angle grinders
314000960 Vibratech anti-vibration Side handle for 7"-9" angle grinders



US630342000 Loop handle for 7" - 9" angle sander & grinders
141110390 bolts to attach loop handle (2 required), sold separately



655169000 4" die grinder cut-off wheel guard. Use on GE700 and GE900.
655170000 die grinder cut-off wheel guard. Use on GE710L and GE910L. Always comply with ANSI B7.1



Flexible backing pads for using abrasive discs on angle sanders and grinders.
623279000 - 4 1/2" w/ M14-2.0 nut
623283000 - 4 1/2" w/ 5/8-11 nut
623284000 - 5" w/ 5/8-11 nut
623281000 - 7" w/ 5/8-11 nut
623282000 - 9" w/ 5/8-11 nut



655038000 Adapter kit to mount diamond blades on 7" - 9" grinders



631052000 Side handle for die grinders



655039000 Adapter kit to mount 7" - 9" Type 27 wheels w/o hub.
655052000 replacement nut



631165000 4 1/2" - 5" tuck point guard with vacuum outlet for use on 4 1/2" - 6" angle grinders.
Fits W7, W10 and prior WE14 series grinders.
631151000 fits W8, W11.
630324000 vacuum adaptor



Dustless Convertable Shroud for concrete surface prep
655140000 For 7" diamond cup wheels on W24-180, W24-230, W26-230 or W2000
655153000 For 4 1/2" or 5" diamond cup wheels on W8 - WE14 small grinders.



623276000 Cup wheel guard for mounting 3 1/8" Type 6 cup wheels on 4 1/2" - 6" angle grinders.
Fits W7, W10 and prior WE14 series grinders.



Type 1 wheel cut-off guard for use with 4 1/2" - 6" angle grinders (See information under specific model, pages 69-79).



Collets for die grinders G710, GE710 Plus, and GE950 G Plus.
631947000 - 3mm, 631948000 - 1/8"
631945000 - 6mm, 631949000 - 1/4"



655168000 Combo mandrel to mount slicers on die grinders (1/4" shank) 1/4" or 3/8" arbor



623298000 Cling-fit backing pad 5" x 5/8-11



Cup wheel guard and flange for mounting 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders
Guards: 623142000 - 4", 655174000 - 5", 655178000 - 6".
Mounting flange: 90357006



630327000 hand guard for use on all polishers, angle sanders and grinders.



'Dust Director' tuck pointing guard Accepts 4", 4/12", 5" and 6" diameter diamond blades. Port is 2". Not for use with Type 1 or Type 27 bonded abrasives.

Blade Diameter	Front Depth of Cut	Side Depth of Cut (Inside Corners)
4"	7/8"	3/8"
4 1/2"	1"	1/2"
5"	1 1/4"	3/4"
6"	1 1/2"	1 1/4"

(must be used with vacuum cleaner)

655270000 For current small grinders.

655254000 For W7, W10, earlier WE14 small grinders and WQ1000.



Quick release adjustable vise adds versatility.

CS23-355
14" Chop Saw

(AC Only)



MFE30
Wall Chaser

Model #	CS23-355
Order #	602335420
Lock-off button for safety	●
Spindle lock for convenient wheel changes	●
Pivoting wheel guard	●
All ball bearing construction for long life	●
Auto-stop carbon brushes easily accessible	●
Durable steel base	●
Maximum vise open	9 3/8"
	Inquire about 220V availability
Maximum cutting capacity	
- bar	2 1/2"
- pipe	5"
- section steel	4 1/2" x 5 1/8"
No-load speed (RPM)	4100
Amps	15
Rated input watts	2300
Arbor size	1"
Vise angle (adjustable)	0°-45°
Tool weight	38 lbs.
Shipping weight	43 lbs.

Standard Equipment: 344163520 wrench



Model #	MFE30
Order #	601119520
Order # with hose	US601119100
Double insulated	●
LongLife motor	●
Tacho-contamatic (TC) electronics	●
Winding Protection Grid	●
Metabo Slip Clutch	●
Adjustable handle	●
Maximum torque	31 in/lbs
	Inquire about 220V availability
Max. wheel diameter	5"
Chase widths:	3/8", 5/8", 7/8", 1-3/16"
Depth of cut adjustable	0-1-3/16"
No load speed (RPM)	9000
Amps	12.0
Rated input watts	1400
Arbor size	7/8"
Spindle thread	M14
Tool weight	9.7 lbs.
Shipping weight	23.5 lbs
Length	14"
Carrying case	344451650 (standard)

Standard Equipment:

- 2 - 5" x .080 diamond blades (656631000)
- 4 spacer rings (341012140)
- Clamping nut (341101650)
- Support handle (314000540)
- Hex key (344161520)
- Spanner wrench (623934000)
- Chisel (344147650)



PWE11-100
Wet Polisher



Model #	PWE11-100
Order #	602050420
Vario tacho constamatic (VTC) electronics	●
Low profile aluminum die-cast gear housing	●
Housing cover to protect surfaces	●
Splash proof ventilation slots	●
Water supply through spindle	●
LongLife motor	●
Standard 1/2" quick connect	●
Ergonomic adjustable D-handle	●
Electronic winding temperature monitor with LED display	●
GFCI included for electrical safety	●
Auto-stop carbon brushes	●
Electronic soft start feature	●
Electronic speed stabilization	●
Maximum torque	34 inch lbs. Inquire about 220V availability
Backing pad size	4"-5"
No Load Speed (RPM)	1700-5400
Amps	9.6
Rated Input Watts	1,100
Spindle thread	5/8"-11
Tool weight	5.2 lbs.
Shipping weight	7.9 lbs
Length	12 3/4"

Standard Equipment: Loop handle (343399690)

Optional Equipment: 4" Hook and loop backing pad (626149000)
Tool Bag (638530000)



DS175
7" Bench Grinder



DS200
8" Bench Grinder



DSD250
10" Bench Grinder

Model # Order #	DS175 619175420	DS200 619200420	DSD250 619250420
Magnetic switch with restart protection	●	●	●
Toolless stamped steel tool rest	●	●	●
Aluminum die-cast guard	●	●	●
Maintenance free induction motor	●	●	●
Large toolless adjustable spark guards	●	●	●
Vibration absorbing rubber mounts	●	●	●
Maximum torque	18 inch lbs.	21 inch lbs.	53 inch lbs.
	Inquire about 220V availability	Inquire about 220V availability	Inquire about 220V availability
Motor power	120V, 60 Hz, single phase	120V, 60 Hz, single phase	120V, 60 Hz, single phase
No-load speed (RPM)	3570	3570	1780
Amps	3.7	4.8	7.5
Rated input watts	500	600	900
Arbor size	1"	1"	1-1/4"
Tool weight	32 lbs.	36 lbs.	74 lbs.
Shipping weight	36.5 lbs.	41 lbs.	80 lbs.
Length	16"	17 1/4"	20 3/4"
Standard Equipment:	Hex wrench 36 Grit wheel (7" x 1" x 1") 60 Grit wheel (7" x 1" x 1")	Hex wrench 36 Grit wheel (8" x 1-1/4" x 1") 60 Grit wheel (8" x 1-1/4" x 1")	Hex wrench 36 Grit wheel (10" x 1-1/2" x 1-1/4") 60 Grit wheel (10" x 1-1/2" x 1-1/4")

Optional Equipment:

Floor Stand



623867000 Floor Stand
With storage slots and water cup.

Wall Mount Bracket



623862000 Wall Mount Bracket
Suitable for 7" or 8" bench grinders.

METABO ABRASIVES

Constant improvements to a tradition of high quality and outstanding performance means Metabo Abrasives offer the highest value.

Professional quality in a wide variety of sizes, types, abrasive materials and bonds means Metabo abrasives are job matched.

Aluminum Oxide (A) for general purpose processing of metals

Zirconia Alumina (ZA) for harder metals and longest life

Silicon Carbide (C) for non-ferrous metals, stone, concrete

The abrasive grain size determines the aggressiveness and finish.

Lower numbers (16-24) offer aggressive metal removal.

Higher numbers (30-60) offer cooler grinding and finer finishes.

The hardness of the bond determines the useful life of the abrasive grain; from A (softest) to Z (hardest)

Safety; Metabo abrasives are manufactured to meet or exceed international and national standards for safety. Fiberglass reinforced, resinoid bonding systems for maximum permissible working speeds.



Even the world's best wheels need to be used safely. Here are some dos and do not's every operator should follow: **"Do's and Don'ts"**

Do:

1. Always handle and store wheels carefully.
2. Visually inspect all wheels for possible damage before mounting.
3. Make sure the machine's operating speed never exceeds the wheel speed.
4. Always check mounting flanges for equal and correct diameter.
5. Use mounting blotters when they're supplied with wheels.
6. Make absolutely sure work rest (where required) is properly adjusted (no more than 1/8" away from wheel.)
7. Always use a safety guard covering at least half of the grinding wheel.
8. Always run newly mounted wheels at full operating speed (with guard in place) for at least one minute before grinding.
9. Always wear safety glasses and appropriate face protection when grinding.
10. Always turn coolant off before stopping wheel, to avoid an out-of-balance condition.

Don't:

1. Don't use a wheel that has been dropped.
2. Don't force a wheel onto the machine or alter the size of the mounting hole. If the wheel won't fit the machine, get one that will.
3. Don't ever exceed the maximum operating speed established for the wheel.
4. Don't use mounting flanges that are not clean, flat and designed for the wheel being used.
5. Don't tighten the mounting nut excessively.
6. Don't grind on the side of the wheel. (See ANSI B7.1 for exceptions).
7. Don't start the machine until the wheel guard is in place.
8. Don't jam work into the wheel.
9. Don't stand directly in front of a grinding wheel when a grinder is started.
10. Don't grind material for which the wheel is not designed.



Type 27 Depressed Center Grinding Wheels



Spec.

- A 24 N - - - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Good wheel life.
- A 24 R - - - Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Good stock removal. Longer wheel life.
- A 24 T - - - Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.
- A 36 O - - - Aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good stock removal. Good wheel life.
- ZA 24 T - - - Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.
- A 36 M - - - Aluminum oxide wheel formulated for aluminum grinding applications. Good stock removal. Good wheel life. Non clogging capability.
- C 24 N - - - Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. High stock removal. Good wheel life.

Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616325000	3 x 1/4 x 3/8	A 36 O	Steel/Stainless Steel	20,500	25
616735000	4 x 3/16 x 5/8	A 36 O	Steel/Stainless Steel	15,300	25
616339000	4 x 1/4 x 3/8	A 24 R	Steel	15,300	25
616791000	4 x 1/4 x 3/8	ZA 24 T	Steel / Stainless Steel	15,300	25
616745000	4 x 1/4 x 5/8	A 24 N	Steel	15,300	25
616330000	4 x 1/4 x 5/8	A 24 R	Steel	15,300	25
616797000	4 x 1/4 x 5/8	ZA 24 T	Steel / Stainless Steel	15,300	25
616746000	4 x 1/4 x 5/8	C 24 N	Masonry / Non-Ferrous	15,300	25
616726000	4-1/2 x 1/4 x 7/8	A 24 N	Steel	13,300	25
616307000	4-1/2 x 1/4 x 7/8	A 24 R	Steel	13,300	25
616275000	4-1/2 x 1/4 x 7/8	A 24 T	Steel	13,300	25
616739000	4-1/2 x 1/4 x 7/8	A 36 O	Stainless Steel	13,300	25
616785000	4-1/2 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	13,300	25
616748000	4-1/2 x 1/4 x 7/8	A 36 M	Aluminum	13,300	25
616729000	4-1/2 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	13,300	25
655726000	4-1/2 x 1/4 x 5/8-11	A 24 N	Steel	13,300	25
655307000	4-1/2 x 1/4 x 5/8-11	A 24 R	Steel	13,300	25
655275000	4-1/2 x 1/4 x 5/8-11	A 24 T	Steel	13,300	25
655785000	4-1/2 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	13,300	25
655748000	4-1/2 x 1/4 x 5/8-11	A 36 M	Aluminum	13,300	25
655729000	4-1/2 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	13,300	25
616730000	5 x 1/4 x 7/8	A 24 N	Steel	12,300	25
616308000	5 x 1/4 x 7/8	A 24 R	Steel	12,300	25
616486000	5 x 1/4 x 7/8	A 24 T	Steel	12,300	25
616747000	5 x 1/4 x 7/8	A 36 O	Stainless Steel	12,300	25
616749000	5 x 1/4 x 7/8	A 36 M	Aluminum	12,300	25
616731000	5 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	12,300	25
655730000	5 x 1/4 x 5/8-11	A 24 N	Steel	12,300	25
655308000	5 x 1/4 x 5/8-11	A 24 R	Steel	12,300	25
655486000	5 x 1/4 x 5/8-11	A 24 T	Steel	12,300	25

Type 27 Depressed Center Grinding Wheels

Small Grinders - continued

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616554000	6 x 1/4 x 7/8	A 24 N	Steel	10,200	25
616319000	6 x 1/4 x 7/8	A 24 R	Steel	10,200	25
616604000	6 x 1/4 x 7/8	A 36 O	Stainless Steel	10,200	25
616787000	6 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	10,200	25
616754000	6 x 1/4 x 7/8	A 36 M	Aluminum	10,200	25
616654000	6 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	10,200	25
655554000	6 x 1/4 x 5/8-11	A 24 N	Steel	10,200	25
655319000	6 x 1/4 x 5/8-11	A 24 R	Steel	10,200	25
655787000	6 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	10,200	25



Large Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616560000	7 x 1/4 x 7/8	A 24 N	Steel	8,500	10
616782000	7 x 1/4 x 7/8	A 24 R	Steel	8,500	10
616277000	7 x 1/4 x 7/8	A 24 T	Steel	8,500	10
616760000	7 x 1/4 x 7/8	A 36 M	Aluminum	8,500	10
616660000	7 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	8,500	10
655560000	7 x 1/4 x 5/8-11	A 24 N	Steel	8,500	10
655782000	7 x 1/4 x 5/8-11	A 24 R	Steel	8,500	10
655277000	7 x 1/4 x 5/8-11	A 24 T	Steel	8,500	10
655610000	7 x 1/4 x 5/8-11	A 36 O	Stainless Steel	8,500	10
655788000	7 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	8,500	10
655760000	7 x 1/4 x 5/8-11	A 36 M	Aluminum	8,500	10
655660000	7 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	8,500	10
616572000	9 x 1/4 x 7/8	A 24 N	Steel	6,600	10
616784000	9 x 1/4 x 7/8	A 24 R	Steel	6,600	10
616622000	9 x 1/4 x 7/8	A 36 O	Stainless Steel	6,600	10
616763000	9 x 1/4 x 7/8	A 36 M	Aluminum	6,600	10
616672000	9 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	6,600	10
655572000	9 x 1/4 x 5/8-11	A 24 N	Steel	6,600	10
655784000	9 x 1/4 x 5/8-11	A 24 R	Steel	6,600	10
655279000	9 x 1/4 x 5/8-11	A 24 T	Steel	6,600	10
655622000	9 x 1/4 x 5/8-11	A 36 O	Stainless Steel	6,600	10
655789000	9 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	6,600	10
655763000	9 x 1/4 x 5/8-11	A 36 M	Aluminum	6,600	10
655672000	9 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	6,600	10



Type 27 Pipeline Grinding/Notching/Cutting Wheels



Spec.

A 24 T - - - - Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.

ZA 24 T - - - - Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.

Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616793000	4 x 1/8 x 3/8	ZA 24 T	Steel / Stainless Steel	15,300	25
616281000	4-1/2 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	13,300	25
616792000	4-1/2 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	13,300	25
655281000	4-1/2 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	13,300	25
655792000	4-1/2 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	13,300	25
616794000	6 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	10,200	25
655794000	6 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	10,200	25

Large Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616795000	7 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	8,500	10
655282000	7 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	8,500	10
655795000	7 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	8,500	10
616284000	9 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	6,600	10
616796000	9 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	6,600	10
655284000	9 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	6,600	10
655796000	9 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	6,600	10

Type 27 Combination Grinding/Cutting Wheels



Spec.

A 46 U Aluminum oxide, contaminant free for stainless steel and other ferrous metals. Extremely long wheel life, and fast cut.

Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616500420	4-1/2 x 5/64 x 7/8	A 46 U	Steel / Stainless Steel	13,300	25
616501420	5 x 5/64 x 7/8	A 46 U	Steel / Stainless Steel	12,300	25
616502420	6 x 5/64 x 7/8	A 46 U	Steel / Stainless Steel	10,200	25

Type 27 Depressed Center Cutting Wheels

Spec.



- A 30 P - - - - Aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good rate of cut. Good wheel life.
- A 30 R - - - - Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.
- C 30 S - - - - Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. Good rate of cut. Good wheel life.



Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616328000	4 x 3/32 x 3/8	A 30 R	Steel	19,000	25
616306000	4 x 3/32 x 5/8	C 30 S	Masonry / Non-Ferrous	19,000	25
616727000	4-1/2 x 3/32 x 7/8	A 30 R	Steel	13,300	25
655727000	4-1/2 x 3/32 x 5/8-11	A 30 R	Steel	13,300	25
616737000	4-1/2 x 3/32 x 7/8	A 30 P	Stainless Steel	13,300	25
616728000	4-1/2 x 3/32 x 7/8	C 30 S	Masonry / Non-Ferrous	13,300	25
655728000	4-1/2 x 3/32 x 5/8-11	C 30 S	Masonry / Non-Ferrous	13,300	25
616310000	5 x 3/32 x 7/8	A 30 R	Steel	12,300	25
655310000	5 x 3/32 x 5/8-11	A 30 R	Steel	12,300	25
616312000	5 x 3/32 x 7/8	C 30 S	Masonry / Non-Ferrous	12,300	25
616313000	6 x 1/8 x 7/8	A 30 R	Steel	10,200	25
655313000	6 x 1/8 x 5/8-11	A 30 R	Steel	10,200	25
616314000	6 x 1/8 x 7/8	A 30 P	Stainless Steel	10,200	25



Large Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616300000	7 x 1/8 x 7/8	A 30 R	Steel	8,500	10
616299000	7 x 1/8 x 7/8	A 30 P	Stainless Steel	8,500	10
616301420	7 x 1/8 x 7/8	C 30 S	Masonry / Non-Ferrous	8,500	10
655300000	7 x 1/8 x 5/8-11	A 30 R	Steel	8,500	10
655299000	7 x 1/8 x 5/8-11	A 30 P	Stainless Steel	8,500	10
655301000	7 x 1/8 x 5/8-11	C 30 S	Masonry / Non-Ferrous	8,500	10
616302000	9 x 1/8 x 7/8	A 30 R	Steel	6,600	10
655302000	9 x 1/8 x 5/8-11	A 30 R	Steel	6,600	10
655303000	9 x 1/8 x 5/8-11	C 30 S	Masonry / Non-Ferrous	6,600	10



metabo®

The Original Slicer Wheel Company.

CHOICE CUTS™ *Thin cut-off wheels*

Original Slicer: *Fast and Flexible!*

General purpose aluminum oxide wheel for steel and stainless steel rod / rebar. Extremely fast, burr free, cool-cutting. Flexibility for flush cutting.



.045 Thick, A60TZ

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys



Long Life Original Slicer: *Longer Life/Tough!*

Engineered aluminum oxide wheel for longer life cutting pipe, thin wall steel and stainless steel tubing, sheet metal as well as bar stock. Excellent service life.



.045 Thick, A60XL

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys



Slicer-Plus: *Aggressive, Cool-Cutting!*

Specially engineered with coated aluminum oxide, proprietary bond for toughest applications, thicker sectional cuts in steels, stainless steels, heavy rebar, harder metals, heavy wall pipe and angle iron. Best choice for cutting non-ferrous metals.



.045 Thick, A60TX

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys



Super-Slicer: *Extreme Performance! Ideal for Stainless Steel!*

Blended high performance abrasive grains and bonds free of Chlorine, Sulfur and Iron specifically designed for hardened metals, stainless steels, high tensile alloys, hastalloys, inconel, titanium.



.045 Thick, A60XP

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys



■ Indicates the wheel to choose for best overall cost-efficiency



Four different slicer wheels save you **TIME AND MONEY!**

Available in a wide range of sizes; 2" to 9" diameter and in Type 1 straight and Type 27 depressed center wheels.

TYPE 1				TYPE 27			
Original Slicer - A60TZ • Fastest Cut • Flexible • Steel/Stainless Steel							
Size	Order #	Pcs./Pkg.	Max. RPM	Size	Order #	Pcs./Pkg.	Max. RPM
4-1/2" x .040 x 7/8	655331000	100	15,000	4-1/2" x .045 x 7/8	655346000	50	13,300
5" x .040 x 7/8	655334000	50	12,225				
6" x .040 x 7/8	655339000	50	10,200	6" x .045 x 7/8	655347000	50	10,200
Long Life Original Slicer - A60XL • Long Life • Tough • Steel/Stainless Steel							
4-1/2" x .045 x 7/8	655332000	100	15,000	4-1/2" x 1/16 x 7/8	655349000	50	15,000
5" x .045 x 7/8	655335000	50	12,225				
6" x .045 x 7/8	655344000	50	10,200	6" x 1/16 x 7/8	655350000	50	10,200
Slicer Plus - A60TX • Long Life • Cool Cutting • Steel/Stainless Steel/Non-Ferrous Metals							
4" x .045 x 5/8	655996000	50	15,000				
4-1/2" x .045 x 7/8	655997000	50	15,000	4-1/2" x .045 x 7/8	655351000	50	15,000
5" x .045 x 7/8	655993000	50	12,225				
6" x .045 x 7/8	655998000	50	10,185	6" x .045 x 7/8	655352000	50	10,185
Super Slicer - A60XP • Contaminant Free • Extreme Performance • Stainless Steel/ Hardened Alloys • < .1% Iron, Sulfur and Chlorine							
4-1/2" x .045 x 7/8	655994000	50	15,000				
6" x .045 x 7/8	655995000	50	10,185				

CHOICE CUTS™

Available in a wide range of sizes; 2" to 9" diameter and in Type 1 straight and Type 27 depressed center wheels.



Type 1 & 27 "Original Slicer" Cutting Wheels



A 60 TZ



A 60 XL

Spec.

- A 60 TZ- - - Aluminum oxide wheel for steel and other ferrous metals. Extremely fast rate of cut. Good wheel life.
- A 36 TZ- - - Aluminum oxide wheel for steel and other ferrous metals. Fast rate of cut. Longer wheel life.
- A 46 TZ- - - Aluminum oxide general purpose wheel for steel and other ferrous metals. Aggressive cut. Excellent wheel life.
- A 60 XL- - - Engineered aluminum oxide wheel for long life in tough applications: thin wall pipe/tube, as well as solids.

Small Grinders (Type 1)

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655348000	2 x .035 x 3/8	A 60 TZ	Steel / Stainless Steel	30,558	100
655316000	3 x .040 x 1/4	A 60 TZ	Steel / Stainless Steel	25,000	100
655317000	3 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	25,000	100
655318000	3 x 1/16 x 1/4	A 36 TZ	Steel / Stainless Steel	25,000	100
655358000	3 x 1/16 x 1/4	A 60 TZ	Steel / Stainless Steel	25,000	100
655320000	3 x 1/16 x 3/8	A 36 TZ	Steel / Stainless Steel	25,000	100
655321000	3 x 1/16 x 3/8	A 60 TZ	Steel / Stainless Steel	25,000	100
655322000	4 x .040 x 1/4	A 60 TZ	Steel / Stainless Steel	22,000	50
655323000	4 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	22,000	50
655324000	4 x .040 x 5/8	A 60 TZ	Steel / Stainless Steel	22,000	50
655325000	4 x 1/16 x 1/4	A 36 TZ	Steel / Stainless Steel	19,000	100
655327000	4 x 1/16 x 3/8	A 36 TZ	Steel / Stainless Steel	19,000	100
655328000	4 x 1/16 x 3/8	A 60 TZ	Steel / Stainless Steel	19,000	100
655329000	4 x 1/16 x 5/8	A 36 TZ	Steel / Stainless Steel	19,000	100
655330000	4 x 1/16 x 5/8	A 60 TZ	Steel / Stainless Steel	19,000	100
655999000	6 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	14,000	50
655338000	6 x .040 x 5/8	A 60 TZ	Steel / Stainless Steel	10,200	50
655342000	6 x 1/16 x 5/8	A 60 XL	Steel / Stainless Steel	10,200	25

Large Grinders (Type 27)

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655797000	9 x 1/16 x 7/8	A 46 TZ	Steel / Stainless Steel	6,600	10
655799000	9 x 1/16 x 5/8-11	A 46 TZ	Steel / Stainless Steel	6,600	10



Type 1 Cutting Wheels

Spec.

- A 30 P - - - - Aluminum oxide wheels specially formulated for harder metals such as stainless steel. Fast rate of cut. Good wheel life.
- A 30 R - - - - Aluminum oxide wheels general purpose for steel and other ferrous metals. Good cutting rate. Excellent wheel life.
- A 30 S - - - - Aluminum Oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.
- C 30 S - - - - Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. Fast rate of cut. Good wheel life.



Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616321000	3 x 1/8 x 3/8	A 30 S	Steel / Stainless Steel	20,500	25
616738000	5 x 3/32 x 7/8	A 30 P	Stainless Steel	12,300	25
616732000	5 x 3/32 x 7/8	A 30 R	Steel	12,300	25

Circular Saws

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616331000	6 x 1/8 x 5/8-Dm	A 30 S	Steel / Stainless Steel	10,200	25
616332000	6 x 1/8 x 5/8-Dm	C 30 S	Masonry / Non-Ferrous	10,200	25
616333000	7 x 1/8 x 5/8-Dm	A 30 S	Steel / Stainless Steel	8,500	10
616334000	7 x 1/8 x 5/8-Dm	C 30 S	Masonry / Non-Ferrous	8,500	10



Type 1 Cutting Wheels - High Speed Saws



Spec.

- A 24 N - - - Aluminum oxide wheels general purpose for steel and other ferrous metals. Fast rate of cut. Good wheel life
- A 30 S - - - Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.
- C 16 N - - - Silicon carbide specially formulated for asphalt and green concrete. Good cutting rate. Good wheel life.
- C 24 N - - - Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, plastic, etc. Fast rate of cut. Good wheel life.
- AC 24 R - - - Aluminum oxide and Silicon carbide combination wheel specially formulated for ductile iron. Excellent rate of cut. Excellent wheel life. Smooth and chatter free cutting.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616136000	12 x 1/8 x 20mm	A 24 N	Steel	6,400	10
616168000	12 x 1/8 x 20mm	AC 24 R	Ductile Iron	6,400	10
616156000	12 x 1/8 x 20mm	C 24 N	Masonry / Non-Ferrous	6,400	10
616138420	12 x 1/8 x 1	AC 24 R	Ductile Iron	6,400	10
616137000	12 x 1/8 x 1	A 24 N	Steel	6,400	10
616158000	12 x 1/8 x 1	C 16 N	Asphalt	6,400	10
616157000	12 x 1/8 x 1	C 24 N	Masonry / Non-Ferrous	6,400	10
616140000	14 x 1/8 x 20mm	A 24 N	Steel	5,460	10
616142000	14 x 1/8 x 20mm	AC 24 R	Ductile Iron	5,460	10
616165000	14 x 1/8 x 20mm	C 16 N	Asphalt	5,460	10
616160000	14 x 1/8 x 20mm	C 24 N	Masonry / Non-Ferrous	5,460	10
616139000	14 x 1/8 x 1	A 24 N	Steel/Rail Track	5,400	10
616149000	14 x 1/8 x 1	AC 24 R	Ductile Iron	5,400	10
616161000	14 x 1/8 x 1	C 16 N	Asphalt	5,400	10
616159000	14 x 1/8 x 1	C 24 N	Masonry / Non-Ferrous	5,400	10
616204000	16 x 5/32 x 1	A 30 S	Steel	4,800	10

655173000 Reducing bushing 1" to 20mm

Type 1 Cut-Off Wheels - Chop Saws

Spec.

A 24 M - - - Aluminum oxide wheels for general purpose use on steel and other ferrous metals larger chop saw applications. Excellent rate of cut. Good wheel life.

A 30 P - - - Aluminum oxide wheels constructed with a single internal reinforcement and an aggressive cool cutting formulation best for cutting smaller diameter metals or metal studs.

A 30 R - - - Aluminum oxide wheels for general purpose use on steel and other ferrous metals. Good rate of cut. Good wheel life.

A 30 S - - - Aluminum oxide wheels specially formulated for dry wall stud applications. Good rate of cut. Good wheel life.



Chop Saws - Double External Reinforcement

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616337000	12 x 3/32 x 1	A 30 R	Steel / Stainless Steel	5,100	10
616340000	14 x 3/32 x 1	A 24 M	Steel / Stainless Steel	4,300	10
616338000	14 x 3/32 x 1	A 30 R	Steel / Stainless Steel	4,300	10
616146000	14 x 3/32 x 1	A 30 S	Steel / Dry Wall Stud	4,300	10
616327000	14 x 7/64 x 1	A 30 R	Steel / Stainless Steel	4,300	10
616215000	16 x 3/32 x 1	A 24 M	Steel / Stainless Steel	3,820	10



Chop Saws - Single Internal Reinforcement

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655236000	14 x 3/32 x 1	A 30 P	Steel / Stainless Steel	4,300	10

Type 1 Cutting Wheels - Stationary Saws

Spec.

A 30 N - - - Aluminum oxide wheels are specially formulated for high powered machines to cut steel and other ferrous metals. Excellent rate of cut. Good wheel life.

A 30 R - - - Aluminum oxide wheels are specially formulated for high powered machines to cut steel and other ferrous metals. Fast rate of cut. Longer wheel life.

A 30 S - - - Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.

A 30 V - - - Aluminum oxide wheels are specially formulated for high powered machines to cut steel and other ferrous metals. Good rate of cut. Excellent wheel life.

C 30 S - - - Silicon carbide wheels are specially formulated for high powered machines to cut masonry / ductile iron / non-ferrous metals. Good rate of cut. Excellent wheel life.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616342000	10 x 1/8 x 1	A 30 R	Steel / Stainless Steel	6,100	10
616344000	10 x 1/8 x 1	A 30 V	Steel / Stainless Steel	6,100	10
616203000	14 x 1/8 x 1	A 30 S	Steel / Stainless Steel	4,400	10
616213000	14 x 1/8 x 1	C 30 S	Masonry / Non-Ferrous	4,400	10
616204000	16 x 5/32 x 1	A 30 S	Steel / Rail Track	4,800	10
616365000	20 x 3/16 x 1	A 30 N	Steel / Stainless Steel	3,000	5
616366000	20 x 3/16 x 1	A 30 R	Steel / Stainless Steel	3,000	5
616367000	20 x 3/16 x 1	A 30 V	Steel / Stainless Steel	3,000	5
616364000	20 x 3/16 x 1	C 30 S	Ductile Iron	3,000	5



Type 6 Cup Wheels - Small Grinders



Spec.



A 80 M - - - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals. Good cutting rate and wheel life.

C 30 N - - - Silicon carbide general purpose wheel for grinding stone, concrete, ductile iron, masonry materials, non-ferrous metals (brass, bronze, etc.), and cast iron. Good stock removal. Good wheel life.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
630727000	3-1/8 x 7/8 x 7/8	A 80 M	Steel / Ferrous Metals	10,750	1
630728000	3-1/8 x 7/8 x 7/8	C 30 N	Masonry / Non-Ferrous	10,750	1

(See page 76 for wheel guard)

Type 11 Cup Wheels with Steel Backs - Large Grinders



Spec.



A 16 Q - - - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals. High stock removal. Good wheel life.

C 16 N - - - Silicon carbide general purpose wheel for grinding stone, concrete, ductile iron, masonry materials, non-ferrous metals (brass, bronze, etc.), and cast iron. High stock removal. Good wheel life.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616341119	4 x 3 x 2 x 5/8-11	A 16 Q	Steel / Ferrous Metals	9,000	10
616342119	4 x 3 x 2 x 5/8-11	C 16 N	Masonry / Non-Ferrous	9,000	10
616343119	5 x 4 x 2 x 5/8-11	A 16 Q	Steel / Ferrous Metals	7,200	10
US16344119	5 x 4 x 2 x 5/8-11	C 16 N	Masonry / Non-Ferrous	7,200	10
616345119	6 x 4-3/4 x 2 x 5/8-11	A 16 Q	Steel / Ferrous Metals	6,000	10
616346119	6 x 4-3/4 x 2 x 5/8-11	C 16 N	Masonry / Non-Ferrous	6,000	10
616347119	6 x 4-3/4 x 2 x 5/8-11	ZA 16 T	Steel / Stainless Steel	6,000	10

Accessory



Cup wheel guard and flange for mounting
 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders
 Guards: 623142000 - 4", 655174000 - 5",
 655178000 - 6".
 Mounting flange: 903570060

Type 1 Vitrified Wheels - Bench Grinders

Spec.

Aluminum Oxide - Excellent general purpose wheel for routine use on bench grinders. Performs very well for every day general shop use on various steels.

Aluminum Oxide

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
655401000	6 x 3/4 x 1	A 36	4,140	1
655402000	6 x 3/4 x 1	A 60	4,140	1
655403000	6 x 3/4 x 1	A 80	4,140	1
655405000	6 x 1 x 1	A 24	4,140	1
655406000	6 x 1 x 1	A 36	4,140	1
655407000	6 x 1 x 1	A 60	4,140	1
655408000	6 x 1 x 1	A 80	4,140	1
655410000	7 x 1 x 1	A 24	3,600	1
655411000	7 x 1 x 1	A 36	3,600	1
655412000	7 x 1 x 1	A 60	3,600	1
655413000	7 x 1 x 1	A 80	3,600	1
655414000	8 x 1 x 1-1/4	A 24	3,600	1
655415000	8 x 1 x 1-1/4	A 36	3,600	1
655416000	8 x 1 x 1-1/4	A 60	3,600	1
655417000	8 x 1 x 1-1/4	A 80	3,600	1
655419000	10 x 1 x 1-1/4	A 24	2,485	1
655420000	10 x 1 x 1-1/4	A 36	2,485	1
655421000	10 x 1 x 1-1/4	A 60	2,485	1
655423000	10 x 1-1/2 x 1-1/4	A 36	2,485	1
655424000	10 x 1-1/2 x 1-1/4	A 60	2,485	1



Bushing Selector

	Wheel Dia.	Arbor Hole	Bushing Size				
			1/2"	5/8"	3/4"	1"	1-1/4"
Vitrified bench grinding wheels come with nested bushings. Check the chart at right for bushing sizes.	6"	1"	■	■	■		
	7"	1"		■	■		
	8"	1-1/4"		■	■	■	
	10"	1-1/4"			■	■	
Replacement bushings for bench wheels	#55165	1"	■	■	■		
	#55166	1-1/4"	■		■	■	
	#55167	1-1/2"				■	■

Type 1 Vitrified Wheels - Bench Grinders

Spec.

Green Silicon Carbide - Very sharp cool cutting wheel. Excellent for sharpening carbide tipped bits as well as working with non-ferrous materials such as aluminum, glass, ceramic and cast irons.

Green Silicon Carbide

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
655431000	6 x 3/4 x 1	C 60	4,140	1
655432000	6 x 3/4 x 1	C 80	4,140	1
655433000	6 x 3/4 x 1	C 120	4,140	1
655434000	6 x 1 x 1	C 60	4,140	1
655435000	6 x 1 x 1	C 80	4,140	1
655436000	6 x 1 x 1	C 120	4,140	1
655437000	7 x 1 x 1	C 60	3,600	1
655438000	7 x 1 x 1	C 80	3,600	1
655439000	7 x 1 x 1	C 120	3,600	1
655440000	8 x 1 x 1-1/4	C 60	3,600	1
655441000	8 x 1 x 1-1/4	C 80	3,600	1
655442000	8 x 1 x 1-1/4	C 120	3,600	1



Metabo Flap Discs...

Three different flap discs save you TIME AND MONEY!

Novoflex: Excellent Value!

General purpose flap disc made with high quality zirconia alumina. Contaminant free. For steel and stainless steel. Fast stock removal, consistent blending and finishing. Long service life.

GOOD



GENERAL PURPOSE
Steel, Stainless Steel

HEAVY-DUTY
Steel, Stainless Steel

EXTREME PERFORMANCE
Steel, Stainless Steel, High Tensile Alloys, Inconels, Chromes, Hastalloys



Flexiamant: Aggressive Stock Removal!

Top performing zirconia alumina for aggressive stock removal and superb finishing on steel and stainless steel. Contaminant free. Excellent service life.

BETTER



GENERAL PURPOSE
Steel, Stainless Steel

HEAVY-DUTY
Steel, Stainless Steel

EXTREME PERFORMANCE
Steel, Stainless Steel, High Tensile Alloys, Inconels, Chromes, Hastalloys



Flexiamant Super: Extreme Performance! Ideal for Stainless Steel!

High performance ceramic grain is contaminant free. Specifically designed for cool grinding on heat sensitive materials as well as hardened metals, stainless steels, high tensile alloys, hastalloys, inconels and titanium.

BEST!



GENERAL PURPOSE
Steel, Stainless Steel

HEAVY-DUTY
Steel, Stainless Steel


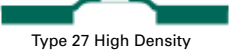



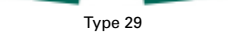
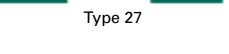


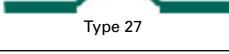
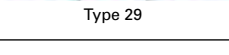
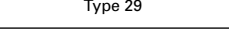



EXTREME PERFORMANCE
Steel, Stainless Steel, High Tensile Alloys, Inconels, Chromes, Hastalloys



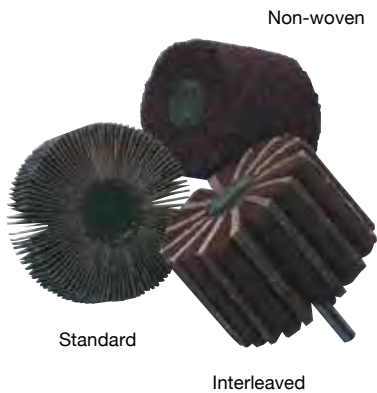
 Indicates the wheel to choose for best overall cost-efficiency

Type 27 & 29 Flap Discs NEW



	Specs	Type	Pcs./Pkg.	RPM	Grit	Novoflex	Flexiamant	Flexiamant Super
7/8" Arbor	4-1/2" x 7/8	 Type 27	10	13,300	36		656375000	
					40		624246000	
					60		624247000	
					80		624248000	
					120		656425000	
	4-1/2" x 7/8	 Type 27 High Density	10	13,300	40		656440000	
					60		656441000	
					80		656442000	
	4-1/2" x 7/8	 Type 29	10	13,300	36		656383000	
					40	623175000	624241000	626166000
					60	623176000	624243000	626167000
					80	623177000	624244000	626168000
	4-1/2" x 7/8	 Type 29 High Density	10	13,300	120	623178000	656427000	
					40		656392000	
					60		656393000	
					80		656394000	
	5" x 7/8	 Type 29	10	12,200	120	656429000		
					40	623195000		626169000
60					623196000		626170000	
80					623197000		626171000	
6" x 7/8	 Type 29	10	10,200	120	623198000			
				40		656430000		
				60		656431000		
				80		656432000		
7" x 7/8	 Type 27	10	8,600	120		656433000		
				36		656379000		
				42		624356000		
				60		624358000		
7" x 7/8	 Type 29	10	8,600	80		624359000		
				40	623112000	624256000		
				60	623114000	624258000		
				80	623115000	624259000		
7" x 7/8	 Type 29 High Density	10	8,600	40		656395000		
				60		656396000		
				80		656397000		
5/8" -11 Hub	4-1/2" x 5/8"-11	 Type 27	10	13,300	40		656376000	
					60		656377000	
					80		656378000	
					120		656426000	
	4-1/2" x 5/8"-11	 Type 29	10	13,300	40	656452000	656384000	
					60	656453000	656385000	
					80	656454000	656386000	
					120	656455000	656428000	
	5" x 5/8"-11	 Type 29	10	12,200	40	656462000		
					60	656463000		
					80	656464000		
					120	656465000		
	6" x 5/8"-11	 Type 29	10	10,200	40		656434000	
					60		656435000	
					80		656436000	
					120		656437000	
	7" x 5/8"-11	 Type 27	10	8,600	40		656380000	
					60		656381000	
80						656382000		
7" x 5/8"-11	 Type 29	10	8,600	40	656482000	656389000		
				60	656483000	656390000		
				80	656484000	656391000		

Flap Wheels - Mounted Style - 1/4 Shank



Spec.

Standard - Aluminum oxide on resin fiber backing provides excellent stock removal on contoured steel shapes and in confined areas.

Standard

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655368000	1 x 1	A 60	Steel / Stainless Steel	30,000	10
655369000	1 x 1	A 80	Steel / Stainless Steel	30,000	10
655370000	1 x 1	A 120	Steel / Stainless Steel	30,000	10
655371000	1-1/2 x 1	A 60	Steel / Stainless Steel	25,000	10
655372000	1-1/2 x 1	A 80	Steel / Stainless Steel	25,000	10
655373000	1-1/2 x 1	A 120	Steel / Stainless Steel	25,000	10
655374000	2 x 1	A 60	Steel / Stainless Steel	25,000	10
655375000	2 x 1	A 80	Steel / Stainless Steel	25,000	10
655376000	2 x 1	A 120	Steel / Stainless Steel	25,000	10
655377000	3 x 1	A 60	Steel / Stainless Steel	20,000	10
655378000	3 x 1	A 80	Steel / Stainless Steel	20,000	10
655379000	3 x 1	A 120	Steel / Stainless Steel	20,000	10

Spec.

Interleaved - Aluminum oxide flaps are interleaved with strips of non-woven abrasive material to provide a brushed satin finish.

Interleaved

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655390000	3 x 1	A 80	Steel / Stainless Steel	18,000	5
655391000	3 x 1	A 120	Steel / Stainless Steel	18,000	5
655392000	3 x 1	A 180	Steel / Stainless Steel	18,000	5
655393000	3 x 2	A 80	Steel / Stainless Steel	6,000	5
655394000	3 x 2	A 120	Steel / Stainless Steel	6,000	5
655395000	3 x 2	A 180	Steel / Stainless Steel	6,000	5

Spec.

Non-Woven - Aluminum oxide is bonded to a non-woven fabric to provide a excellent wheel for general deburring and contour surface finishing.

Non-Woven / Blending

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655380000	2-3/8 x 1	Fine	Stainless Steel	10,000	5
655381000	2-3/8 x 1	Medium	Stainless Steel	10,000	5
655382000	2-3/8 x 2	Fine	Stainless Steel	8,000	5
655383000	2-3/8 x 2	Medium	Stainless Steel	8,000	5
655384000	3 x 1	Fine	Stainless Steel	8,000	5
655385000	3 x 1	Medium	Stainless Steel	8,000	5
655386000	3 x 2	Fine	Stainless Steel	6,000	5
655387000	3 x 2	Medium	Stainless Steel	6,000	5



Resin Fiber Abrasive Discs-Closed Coat

Spec.

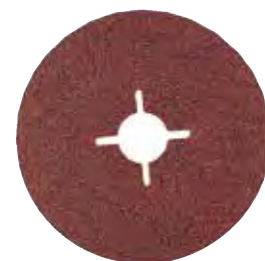
Aluminum Oxide (A) - General purpose disc for grinding steel and other ferrous metals. Good cutting rate and excellent life.

Zirconia Alumina (ZA) - Very aggressive stock removal on steel, stainless steel and other metal applications, extremely long life, cooler grinding.

Ceramic Grain (CER) - Offers extremely high removal rates and extreme longevity, especially when grinding Stainless Steels, Titanium, Inconel and Alloy Steels.

Small Grinders

Backing Pads	Disc Size	Aluminum Oxide		Zirconia Alumina		Ceramic Grain	
		Grit	Slotted Order #	Grit	Non-Slotted Order #	Grit	Slotted Order #
623283000	4-1/2 x 7/8	A16	624135000	ZA16			
	4-1/2 x 7/8	A24	624136000	ZA24	656350000	CER24	626150000
	4-1/2 x 7/8	A36		ZA36	656351000	CER36	626151000
	4-1/2 x 7/8	A40	624137000	ZA40			
	4-1/2 x 7/8	A50	624144000	ZA50	656352000		
	4-1/2 x 7/8	A60	624138000	ZA60	656353000	CER60	626152000
	4-1/2 x 7/8	A80	624139000	ZA80	656354000	CER80	626153000
	4-1/2 x 7/8	A100	624140000	ZA100			
	4-1/2 x 7/8	A120	624141000	ZA120			
	4-1/2 x 7/8	A150	624142000	ZA150			
623284000	5 x 7/8	A16	624223000	ZA16			
	5 x 7/8	A24	624218000	ZA24	656355000	CER24	626154000
	5 x 7/8	A36		ZA36	656356000	CER36	626155000
	5 x 7/8	A40	624219000	ZA40			
	5 x 7/8	A50	624217000	ZA50	656357000		
	5 x 7/8	A60	624220000	ZA60	656358000	CER60	626156000
	5 x 7/8	A80	624221000	ZA80	656359000	CER80	626157000
	5 x 7/8	A100	624222000				
	5 x 7/8	A120	624224000				
	5 x 7/8	A150	624225000				
5 x 7/8	A180	624226000					



Slotted
(Aluminum Oxide)



Non-Slotted
(Zirconia Alumina)



Slotted
(Ceramic Grain)

Large Grinders

Backing Pads	Disc Size	Aluminum Oxide		Zirconia Alumina		Ceramic Grain	
		Grit	Slotted Order #	Grit	Non-Slotted Order #	Grit	Non-Slotted Order #
623281000	7 x 7/8	A24	624103000	ZA24	656360000	CER24	626158000
	7 x 7/8	A36		ZA36	656361000	CER36	626159000
	7 x 7/8	A40	624104000	ZA40			
	7 x 7/8	A50	624102000	ZA50	656362000		
	7 x 7/8	A60	624105000	ZA60	656363000	CER60	626160000
	7 x 7/8	A80	624106000	ZA80	656364000	CER80	626161000
	7 x 7/8	A100	624107000				
623282000	9 x 7/8	A24	624227000				
	9 x 7/8	A36		ZA36	656366000		
	9 x 7/8	A40	624228000				
	9 x 7/8	A50		ZA50	656367000		
	9 x 7/8	A60	624229000	ZA60	656368000		
9 x 7/8	A80		ZA80	656369000			

Note: All sold in packs of 25.
4 1/2" Max. RPM - 13,300, 5" Max. RPM - 12,200,
7" Max. RPM - 10,000, 9" Max. RPM - 6,600

Backing Pads - For Resin Fiber Abrasive Discs



Order #	Diam.	Backing Nut	Use On	Max RPM
623279000	4-1/2"	M14-2.0	Metabo 4-1/2" grinders and other small grinders with M14 spindle	13,000
623283000	4-1/2"	5/8"-11	Metabo 4-1/2" grinders and other small grinders with 5/8"-11 spindle	13,000
623278000	5"	M14-2.0	Metabo 5" grinders and other small grinders with M14 spindle	12,000
623284000	5"	5/8"-11	Metabo 5" grinders and other small grinders with 5/8"-11 spindle	12,000
623281000	7"	5/8"-11	Metabo 7" or 9" sander/grinders with 5/8"-11 spindle	8,500
623282000	9"	5/8"-11	Metabo and other 9" sander/grinders with 5/8"-11 spindle	6,600

Replacement Backing Pad Nuts

Cat.No.	Nut	Pad Diam.
341130060	M14-2.0	4-1/2" & 5"
341130210	5/8"-11	4-1/2" & 5"
341130160	M14-2.0	7"
341130170	5/8"-11	7" & 9"

Wire Cup Brushes



Small Air and Electric Grinders

Order #	Dia.	Thread	Wire	Max RPM	Use on	Pkg.
623796000	2-3/4"	M14-2.0	0.014 carbon stl knotted	12,000	4"-6" grinders	Boxed
623804000	2-3/4"	5/8"-11	0.020 carbon stl knotted	12,000	4"-6" grinders	Boxed
655200000	2-3/4"	5/8"-11	0.020 carbon stl knotted	14,000	4"-6" grinders	Carded
623801000	2-3/4"	M14-2.0	0.014 stainless stl knotted	12,000	4"-6" grinders	Boxed
623805000	2-3/4"	5/8"-11	0.014 stainless stl knotted	12,000	4"-6" grinders	Boxed
655201000	2-3/4"	5/8"-11	0.020 stainless stl knotted	14,000	4"-6" grinders	Carded
655207000	2-3/4"	5/8"-11	0.012 carbon stl crimped	12,500	4"-6" grinders	Carded

Large Air and Electric Grinders

Order #	Dia.	Thread	Wire	Max RPM	Use on	Pkg.
655209000	4"	5/8"-11	0.014 carbon stl crimped	8,500	7"-9" grinders	Boxed
623765000	4"	5/8"-11	0.023 carbon stl knotted	8,500	7"-9" grinders	Boxed
655211000	6"	5/8"-11	0.014 carbon stl crimped	6,600	7"-9" grinders	Boxed
655210000	6"	5/8"-11	0.023 carbon stl knotted	6,600	7"-9" grinders	Boxed



Wire Wheel Brushes

Small Air and Electric Grinders

Order #	Dia. x Face	Thread	Wire	Max RPM	Use on	Pkg.
656303000	4" x 3/16"	M14-2.0	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655137000	4" x 3/16"	5/8"-11	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655135000	4" x 3/16"	M14-2.0	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
655138000	4" x 3/16"	5/8"-11	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
656302000	4" x 3/8"	M14-2.0	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655136000	4" x 3/8"	5/8"-11	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655215000	4" x 1/2"	5/8"-11	0.014 carbon stl knotted	20,000	4"-6" grinders	Carded
655220000	4" x 3/8"	M14-2.0	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
655221000	4" x 3/8"	5/8"-11	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
655226000	4" x 1/2"	M14-2.0	0.020 carbon stl crimped	12,500	4"-6" grinders	Carded
655227000	4" x 1/2"	5/8"-11	0.020 carbon stl crimped	12,500	4"-6" grinders	Carded



Large Air and Electric Grinders

Order #	Dia. x Face	Thread	Wire	Max RPM	Use on	Pkg.
655133000	6-7/8" x 3/16"	5/8"-11	0.020 carbon stl knotted	9,000	7"-9" grinders	Boxed
655134000	6" x 5/16"	5/8"-11	0.023 carbon stl knotted	9,000	7"-9" grinders	Carded
655218000	6" X 5/16"	5/8"-11	0.023 stainless stl knotted	9,000	7"-9" grinders	Carded

Bench Grinder

Order #	Dia.	Arbor	Wire	Max RPM	Pkg.
655216000	6" x 3/4"	5/8"-1/2"	0.014 carbon stl crimped	6,000	Carded
655217000	8" x 3/4"	5/8"	0.014 carbon stl crimped	6,000	Carded



Wire Brush Adaptors

Order #	
656300000	M10 x 1.25 x 5/8"-11 adaptor
656301000	M10 x 1.50 x 5/8"-11 adaptor

NOTE: Allows use of 5/8"-11 thread brushes on grinders with M10 thread spindles.

SAFETY NOTE: Never use wheels or other accessories rated lower than the RPM of the grinder. Eye protection is required.



Wire End Brushes-1/4" Stem

For Drills, Hammer Drills and Die Grinders

Order #	Dia.	Wire	Max RPM	Pkg.
655212000	1"	0.020 carbon stl crimped	22,000	Carded
655213000	1"	0.020 carbon stl knotted	22,000	Carded
655219000	1"	0.020 stainless stl crimped	22,000	Carded



Crimped Wheel-1/4" Stem

For Drills and Hammer Drills

Order #	Dia.	Wire	Max RPM	Pkg.
655214000	3"	0.014 carbon stl crimped	20,000	Carded
655222000	3"	0.014 stainless stl crimped	20,000	Carded



Diamond Wheels - Dry or Wet Use Cutting/Grinding of Concrete, Masonry, Stone, Block, or Brick



Tuck Pointing

1/4" thick x 10mm segment height.

Segmented Tuck Pointing Blades:

Tough cutting

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656644000	4-1/2 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	13300	1
656649000	5 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	12000	1
656645000	4-1/2 x 1/4 x 5/8-7/8	Supreme Fast-Cutting, Extreme Life	13300	1
656650000	5 x 1/4 x 5/8-7/8	Supreme Fast-Cutting, Extreme Life	12000	1



Dual Blade Tuck Pointing Blades/Sandwich design:

Freer cutting/lower power requirements

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656646000	4-1/2 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	13300	1
656651000	5 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	12000	1



Cutting

Heavy duty cutting of brick/block/concrete/masonry/stone. 10mm segment height

Segmented Diamond Cutting Blades:

Tough cutting

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656630000	4-1/2 x .080 x 5/8-7/8	Premium, Fast-Cutting, Long Life	13300	1
656631000	5 x .080 x 5/8-7/8	Premium, Fast-Cutting, Long Life	12000	1
656632000	6 x .085 x 5/8-7/8	Premium, Fast-Cutting, Long Life	10185	1
656634000	7 x .085 x 5/8-7/8	Premium, Fast-Cutting, Long Life	8730	1



Continuous Rim Turbo Diamond Cutting Blades:

Clean cutting, no chipping

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656636000	4-1/2 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	13300	1
656637000	5 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	12000	1
626638000	6 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	10185	1
656640000	7 x .090 x 5/8-7/8	Premium, Fast Cutting, Long Life	8730	1



Grinding/Surface Preparation

Cup Wheels for Concrete Surface Preparation/Grinding:

Fast cut

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656652000	4-1/2 x 7/8 9 Segments	Premium Duty Long Life	13300	1
656653000	5 x 7/8 9 Segments	Premium Duty Long Life	12000	1
656654000	7 x 5/8-11 12 Segments	Premium Duty Long Life	8730	1



Cup Wheels for Aggressive Removal of Concrete / Coatings:

Long Life

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656655000	4-1/2 x 7/8 18 Segments	Premium Duty Long Life	13300	1
656656000	5 x 7/8 18 Segments	Premium Duty Long Life	12000	1
656657000	7 x 5/8-11 24 Segments	Premium Duty Long Life	8730	1

Carbide Burs - Double Cut

Spec.

Double cut solid carbide burs are designed to remove metal faster with more control, smaller chips and provides a smoother finish. Each of these double cut burs is individually packaged in a plastic tube.

Order #	Cutter Dia.	Cutter Length	Shank Dia.	Spec.	Application	Pcs/Pkg
656750000	1/4"	5/8"	1/4"	SA-1	Steel / Stainless Steel	1
656751000	3/8"	3/4"	1/4"	SA-3	Steel / Stainless Steel	1
656752000	1/4"	5/8"	1/4"	SC-1	Steel / Stainless Steel	1
656753000	3/8"	3/4"	1/4"	SC-3	Steel / Stainless Steel	1
656754000	1/2"	1"	1/4"	SC-5	Steel / Stainless Steel	1
656755000	1/2"	7/16"	1/4"	SD-5	Steel / Stainless Steel	1
656756000	1/4"	3/4"	1/4"	SF-1	Steel / Stainless Steel	1
656757000	3/8"	3/4"	1/4"	SF-3	Steel / Stainless Steel	1
656758000	1/2"	1"	1/4"	SF-5	Steel / Stainless Steel	1
656759000	3/8"	1-1/16"	1/4"	SL-3	Steel / Stainless Steel	1

Note: Other sizes and shapes are available upon request.



SA

SC

SD

SF

SL





SMOOTHING THE WAY TO PERFECTION.

Hardly any area places such varied demands on tool development as finishing surfaces; rough or fine, straight or curved, in tight corners or wide-open areas. Metabo offers a suitable sander for almost any special application. When the tool matches the challenge, you get the desired result. **Metabo. Work. Don't play.**



Variospeed (V) Full-wave Electronic Speed Control

The speed can be varied from the lowest speed value to the maximum. (depending on model)

Ergonomic design

Design provides a superior comfort level for the user.

Electrodynamic balancing system

Reduces noise and vibration

Double insulation

Double insulation protects against electric shock by creating a non-conducting barrier between the operator and the electric components inside the tool.

Integrated dust collection system

Solid Aluminum die-cast bearing flange

Guarantees a higher service life of the machine.

Oscillating plate made of die-cast Aluminum

More robust material provides for longer service life.

Quick grip system

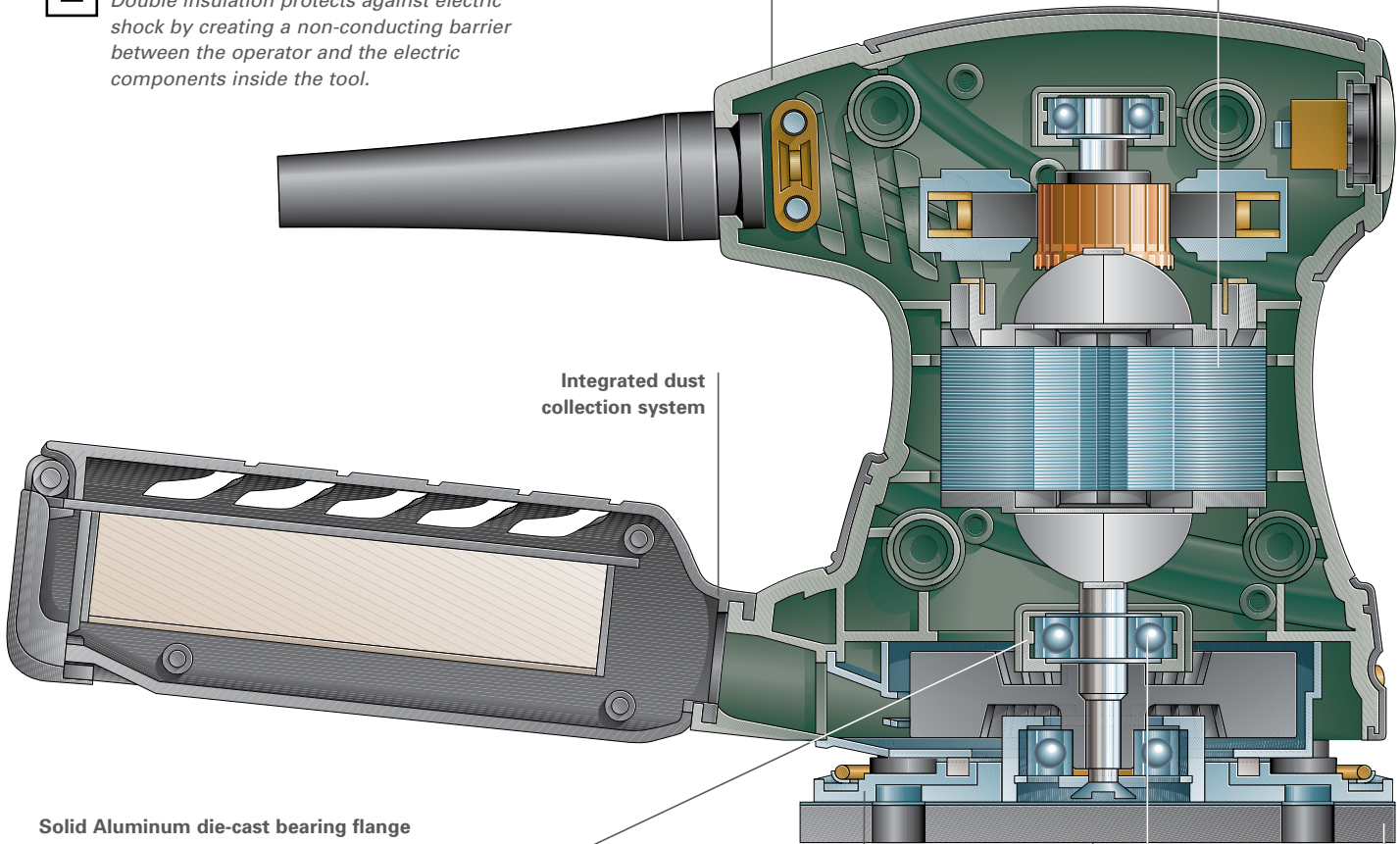
For quick and easy change of sanding paper.

Dust sealed ball bearings

Longer service life due to optimum dust protection.

Sanding up to the outermost corner

Oscillating plate without protruding parts.



Power Control System

Nearly eliminates sanding scratches when applying the running tool to the material because of the integrated backing pad brake.

Unique Dual Orbit Setting

Unique feature that allows choice between 2 orbit diameters depending on the application. The smaller orbit setting produces a much finer surface finish while the larger orbit setting allows up to 70% more stock removal.

Turbo Boost

For maximum material removal rate.

Which sander for which job?

Application	Type and output	Page
6" Random orbit sander for universal use due to Duo oscillating circuit setting. Finest sanding on even and curved surfaces using 1/8" orbit. Fastest material removal rate using 1/4" orbit, and for even faster removal a Turbo Boost. Variable speed makes tool suitable for sanding heat-sensitive materials and surfaces. Sanding of very thin materials (e.g. veneers).	SXE450 TurboTec 400 Watts	114
3 1/8" Random orbit sander. Compact size makes it suitable for sanding inner and outer curves. Small backing pad diameter and low housing shape for sanding confined areas. Suitable for sanding heat-sensitive materials and surfaces.	SXE400 220 Watts	115

We never ask of others
what we cannot

ACHIEVE
ourselves



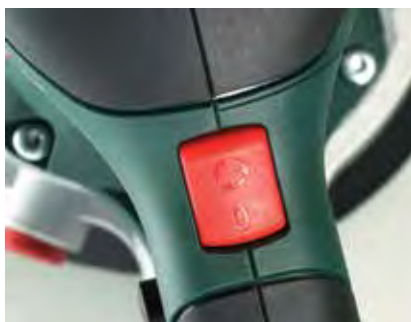
SXE450 TurboTec
6" Dual Random Orbit Sander



Model #	SXE450 TurboTec
Order #	600129420
Variospeed (V) electronics	●
Power Control System	●
Dual Orbit Setting	●
Integral dust collection	●
Auto-stop brushes	●
Double insulated	●
Sanding pad size	6" round (6 hole)
Sheet size	6" round
Orbits per minute	8400-22000
Orbit size	1/8" or 1/4"
Amps	3.4
Rated input watts	350
Tool weight	5.75 lbs.
Shipping weight	8 lbs.
Length	11 1/2"
Carrying case	623894000 (optional)

Standard Equipment:	Front handle (316041410) Intec filter complete (316041310) Medium hard velcro pad Backing pad (339160440) Hexagon key (344161520)
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Dual Orbit Settings:	<ul style="list-style-type: none"> • 1/8" orbit for fine finishing • 1/4" orbit for faststock removal
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Turbo Boost allows for extreme performance results for fastest removal of stock!

























SXE400
Compact Orbital Disc Sander

Model #	SXE400
Order #	600405420
Variospeed (V) electronics	●
Power Control System	●
Auto-stop brushes	●
Double insulated	●
Sanding pad size	3 1/8" round (6 hole)
Sheet size	3 1/8" round
Orbits per minute	5000-10000
Orbit size	1/8"
Amps	2.0
Rated input watts	220
Tool weight	3.3 lbs.
Shipping weight	4.1 lbs.
Length	10 3/4"
Carrying case	623898000 (optional)
Standard Equipment:	Hexagon key (344161530) Velcro backing pad (624064000) Intermediate disc (624061000)
Optional Equipment:	Vacuum hose (631592000) Vacuum adaptor (630316000)



SXE400 Accessories		Order #
	Velcro-faced intermediate disc	624061000
	"Cling-fit" Replacement Backing pad	624064000
	"Cling-fit" polishing sponge	624092000
	"Cling-fit" lambswool polishing disc	624063000
	"Cling-fit" abrasive nylon web sanding discs Packs of 2 P 100 grit P 280 grit	624067000 624068000
	"Cling-fit" sanding discs. Ready-punched, Aluminum Oxide Packs of 10 P 40 grit P 60 grit P 80 grit P 100 grit P 120 grit P 180 grit P 240 grit P 320 grit P 400 grit Packs of 25 P 40 grit P 60 grit P 80 grit P 100 grit P 120 grit P 180 grit P 240 grit P 320 grit P 400 grit	624041000 624042000 624043000 624044000 624045000 624046000 624047000 624048000 624049000 624051000 624052000 624053000 624054000 624055000 624056000 624057000 624058000 624059000
	Accessory Assortment Package includes: 10 Pieces- P 60 10 Pieces- P 80 5 Pieces- P 120	624060000
	Vacuum Hose 15' long with 30mm internal diameter and 35mm external diameter connecting pieces. Requires 30316 or 31593 adaptor.	631592000
	Adaptor Used for connecting 31592 vacuum hose to standard 2 1/4" vacuum inlets.	630316000
	Adaptor Used for connecting 31592 vacuum hose to standard 1 1/4" vacuum inlets.	631593000

SXE450 Accessories		Order #
	Backing Pads 6" medium hard (6 hole) 6" soft (6 hole) PSA Pad-6" (6 hole)	631158000 631156000 631169000
	"Cling-fit" intermediate disc (not perforated) soft, well suited for sanding rounded surfaces 6"	624037000
	"Cling-fit" sanding discs (packs of 5) Grit A40 A60 A80 A100 A120 A180 A240 A320 A400	6" (6 hole) 624001000 624002000 624003000 624004000 624005000 624006000 624007000 624008000 624009000
	(packs of 25) 6" (6 hole) A40 A60 A80 A100 A120 A180 A240 A320 A400	624019000 624020000 624021000 624022000 624023000 624024000 624025000 624026000 624027000
	6" Sanding Assortment Package includes: 10 Pieces- P 60 10 Pieces- P 80 5 Pieces- P 120	624066000
	"Cling-fit" polishing sponge 6"	631233000
	"Cling-fit" lambswool polishing disc 6"	631217000
	"Cling-fit" felt polishing disc (hard) 6"	631168000
	"Cling-fit" non-woven abrasive disc Grit A100 A280	6" 624038000 624039000
	"Cling-fit" abrasive mesh (A100, 3 pack) 6"	624040000

Random Orbit/Orbital Finishing Sander Accessories					
	Velcro Backing Pad (for FSX200)	Order # 625658000		Spare Paper Dust Bags (5 per pack) (for Sr356, Sr358, SXE425 SXE450)	Order # 631288000
	Velcro Backing Pads 5" medium hard (8 hole) 5" soft (8 hole) (for SXE425)	631219000 631220000		Canvas Dust Bag (for Sr356, Sr358, SXE425 SXE450)	631235000
	Replacement Velcro-faced Base-plate (for FSR200)	625657000		Canvas Dust Bag For use with the paper dust bag holder. (for Sr356, Sr358, SXE425 SXE450)	631758000
	"Cling-fit" Intermediate Disc (not perforated) soft, well suited for sanding rounded surfaces			Vacuum Hose 6' x 1 1/2" diameter and 2 1/4" vacuum connection. Tapered end fits directly into tool's extraction port.	631751000
	5"	631216000			
	"Cling-fit" Sanding Discs (packs of 5) Grit A40 A60 A80 A100 A120 A180 A240 A320 A400	5" (8 hole) 631226000 631227000 631228000 n/a 631229000 631230000 631231000 631236000 631237000		Vacuum Hose 10' x 1 1/2" diameter and 2 1/4" vacuum connection. Tapered end fits directly into tool's extraction port.	631362000
	(packs of 25) A40 A60 A80 A100 A120 A180 A240 A320 A400	5" (8 hole) 631584000 631585000 631586000 n/a 631587000 631588000 631589000 631596000 631597000		Bayonet Connector Replaces the tapered fitting on 1 1/2" hose for a positive connection to tools extraction port. (for Sr356, Sr358, SXE425, SXE450)	630898000
	5" Sanding Assortment Package includes: 10 Pieces- P 60 10 Pieces- P 80 5 Pieces- P 120	631583000			
	"Cling-fit" polishing sponge				
	5"	631222000			
	"Cling-fit" lambs- wool Polishing Disc				
	5"	631223000			
	"Cling-fit" felt polishing disc (hard)				
	5"	631242000			
	"Cling-fit" non- woven Abrasive Disc				
	Grit A100 A280	5" 631238000 631239000			
	"Cling-fit" abrasive mesh (A100, 3 pack)				
	5"	631215000			

STEB140
Variable Speed Jig Saw
with Orbit



NEW

Model #	STEB140
Order #	601402420
Vario tacho constamatic (VTC) electronics	●
Aluminum die-cast gear housing	●
Variable speed controlled by adjusting dial	●
Electronic speed stabilizer	●
Orbital saw-blade movement for fast cutting	3-stage
Grooved needle-bearing roller-guide prevents the blade from wandering, allowing for truer cuts.	●
Suitable for bevel cuts. Rapid setting of the sole plate for bevel angles of 22.5° & 45° left or right	●
Uses T-shank style blades	●
Sawdust is blown from line of cut for better visibility	●
Anti-splintering sole plate insert	●
Auto-stop carbon brushes	●
Quick blade change system with Auto Eject	●
Maximum Torque	62 inch lbs.
Maximum thickness of material	
- wood	5 1/2"
- non-ferrous metal	1 3/8"
- sheet steel	3/8"
Rated input watts/amps	720/7.0
No-load speed (SPM)	1000-3100
Length of stroke	1"
Orbital settings	3 position
Tool weight	7.0 lbs.
Shipping weight	10.6 lbs.
Length	10 1/2"
Carrying case	344454150 (standard)
Standard Equipment:	Allen wrench (344161530) Anti-splintering insert (623665000)

General Accessories



631751000 Vacuum Hose
6' x 1 1/2" diameter and 2 1/4" vacuum connection. Tapered end fits directly into tool's extraction port.

631362000 Vacuum Hose
10' x 1 1/2" diameter and 2 1/4" vacuum connection. Tapered end fits directly into tool's extraction port.



630898000 Bayonet Connector
Replaces the tapered fitting on 1 1/2" hose for a positive connection to tools extraction port.

LF724S
Paint Remover



Model #	LF724S
Order #	600724420
Double insulation	●
Environmentally friendly method of paint and varnish removal	●
Highly suitable for handling rabbets	●
Continuous adjustment of chip removal: 0-.012"	●
Reversible all-carbide blades with long service life	●
Low vibration reduces fatigue	●
Metabo S-automatic safety clutch	●
Minimal dust creation	●
Encased aluminum die-cast gear housing	●
High-performance palloid gear system	●
Universal AC-DC motor with ample power in reserve	●
Winding protection grid	●
Maximum torque	18 inch lbs.
Blade cutting circle diameter	3 1/7"
Maximum rabbet height	1 1/10"
Axial cutting depth	0-.012" (0-.3mm)
Radial cutting depth	.006"
Rated input watts/amps	710/6.0
No-load speed (RPM)	10000
Tool weight	6.25 lbs.
Shipping weight	9.25 lbs.
Length	10 3/4"
Carrying case	344452320 (standard)
Standard Equipment:	4 indexable solid tungsten carbide blades - 4 cutting edges per blade Vacuum adaptor Combination wrench(344162450) Cleaning pick (344162540)

Jig Saw Accessories



631340000 Circle Guide
Guide for cutting circles from 4" to 14" dia. and for ripping parallel to an edge (max. width 8 1/4"). For use on all Metabo jigsaws.



623665000 Anti-splintering Insert
These inserts fit into the sole plate around the blade and dramatically reduce splintering during cutting or ripping operations. (3 inserts per pack)

Paint Remover Accessories



631660000 Spare blades
Indexable solid tungsten carbide blades. (10-piece set)



6631865000 Parallel Stop



Back View of Heat Gun

H16-500
2-Stage Variable Temperature Heat Gun



Back View of Heat Gun

HE20-600
Electronic 3-Stage Variable Temperature Heat Gun



Back View of Heat Gun

HE23-650
Digital Programmable 2-Stage Variable Temperature Heat Gun

Model #	H16-500	HE20-600	HE23-650
Order #	601650420	602060420	602365420
Double insulation	●	●	●
Variospeed (V) electronics	●	●	●
Digital programable temperature w/LED display			●
Temperature regulation via thumbwheel		●	
Non-slip pads for stationary use	●	●	●
One handed temperature adjustment	●	●	●
Thermal fuse for safety	●	●	●
Rated input watts	1600	1500	2300
Air Flow	8.5/15.9	5.3/10.6/17.7	5.3-8.8/5.3-17.7
	CFPM	CFPM	CFPM
Air Temperature	572/932 °F	122/122-1100 °F	122/122-1200 °F
Tool weight	2.0 lbs.	2.3 lbs.	2.6 lbs.
Shipping weight	3.0 lbs.	3.3 lbs.	3.6 lbs.
Length	11 1/4"	11 1/4"	11 1/4"
Carrying case	623854000 (optional)	623854000 (optional)	623854000 (optional)

Heat Gun Accessories				
630001000 Wide jet nozzle- 2" Drying, stripping old coats of paint	630002000 Wide jet nozzle- 3" Stripping old coats of paint from large surfaces	630003000 Deflector Nozzle Stripping old coats of paint from window frames, waxing and dewaxing skis	630004000 Air-wrap Nozzle Heating plastic tubes prior to bending them; shrinking of shrink-fit plastic sleeves	630005000 Reducing Nozzle- 9mm dia. Spot Heating (not for H16-500)
				630006000 Slit Nozzle Lap welding of PVC tarpaulins and sheeting (requires 630005000)

Futuro Top Keyless Chucks

For hammer drills

For Hammering

Capacity	Internal Thread	Weight ozs.	Order No.
1/16"-3/8"	3/8" - 24 UNF	12	636215000
1/16"-3/8"	1/2" - 20 UNF	12	636216000
0"-1/2"	3/8" x 24 UNF	16	636225000
0"-1/2"	1/2" - 20 UNF	16	636226000

Individually packaged in cardboard boxes.



Futuro Plus Double Sleeve Reversible Keyless Chucks

For corded and cordless drills

- Mechanism provides higher gripping power and longer life.
- Large protective steel cap protects chuck against dirt and damage.

For Rotation Only

Capacity	Internal Thread	Weight ozs.	Order No.
1/32"-3/8"	3/8" - 24 NF	7	636518000
1/32"-3/8"	1/2" - 20 NF	7	636519000
1/16"-1/2"	1/2" - 20 NF	7	636520000
1/16"-1/2"	Quick-change	7	627240000

For Hammering

1/16"-1/2"	1/2" - 20 NF	10	636614000
1/16"-1/2"	1/2" - 20 UNF	10.5	636619000*
1/16"-1/2"	1/2" - 20 UNF	10.5	636620000
1/16"-1/2"	1/2" - 20 UNF	10	636621000

*With carbide jaws

Individually packaged in cardboard boxes.



Futuro Plus Single-Sleeve Reversible Keyless Chucks

For drills with spindle locking mechanism only

- Specially developed mechanism allows changing bits rapidly with one hand.
- High gripping power, accurate concentricity and long service life.

For Rotation Only

Capacity	Internal Thread	Weight ozs.	Order No.
1/32"-3/8"	1/2" - 20 NF	7	636516000
1/16"-1/2"	1/2" - 20 NF	7	636517000

For Hammering

1/16"-1/2"	1/2" - 20 NF	7	636617000
1/16"-1/2"	1/2" - 20 NF	11	636621000

Individually packaged in cardboard boxes.



Taper Arbors

Machine Side Morse taper	Chuck Side Taper arbor	Order No.
No. 2	B12	635114000
No. 2	B16	635115000
No. 3	J6	635131000

Individually packaged.



Keyless Drill Chucks

For non-reversing portable and stationary drills

- All parts are hardened and ground for long life and smooth operation.
- Jaws are self tightening – no scored drill shanks and less drill breakage.
- No key to lose.

Capacity	Internal Thread or Taper Socket	Weight ozs.	Order No.
3/64"-3/8"	3/8" - 24 NF	12	636321000
3/64"-3/8"	1/2" - 20 NF	12	636322000
3/64"-3/8"	B16	21	636333000
3/64"-1/2"	1/2" - 20 NF	29	636351000
3/64"-1/2"	J6	29	636356000
1/8"-5/8"	5/8" - 16 UN	35	636361000
1/8"-5/8"	B16	35	636362000
1/8"-5/8"	J6	35	636364000

Individually packaged in cardboard boxes.



Keyed Drill Chucks

For corded and cordless drills

- New mechanism.
- All wearing parts are made of case hardened steel for longest life.
- Higher gripping power, positive chucking and close tolerance concentricity.
- Supplied complete with chuck key.

For Power Tools

Capacity	Internal Thread	Weight ozs.	Order No.
1/64"-3/8"	1/2" - 20 NF Rev.	8	635252000
3/32"-1/2"	1/2" - 20 NF Rev.	11	635250000
1/8"-5/8"	5/8" - 16 UN Rev.	21	635253000

Individually packaged in cardboard boxes.



For Drill Presses

Capacity	Internal Thread or Taper Socket	Weight ozs.	Order No.
1/16"-1/2"	3/8" - 24 NF	11	635033000
1/16"-1/2"	1/2" - 20 NF	11	635035000
1/16"-1/2"	B16	12	635036000
1/8"-5/8"	1/2" - 20 NF	21	635054000
1/8"-5/8"	1/2" - 20 UN	21	635056000

Individually packaged in cardboard boxes.

Replacement Chuck Keys

For Metabo drill chucks	Order No.
1/4" capacity	635165000
3/8" and 1/2" capacity	635167000
5/8" capacity	635168000

Individually packaged.

(See page 29 for rotary hammer quick-change chucks)



344452990



631397000



344452710



656304000



638530000



638531000



344454090
344454110
344454120
344454130
344454140
344454150
344454180
623854000



623894000



623874000

Item No.	Material	L x H x D	Use
344452990	Plastic	12-1/4 x 11-3/4 x 4-1/4	BE561 / SBE561 / H16-500 / HE20-600 / HE23-650
656304000	Steel	13-3/4 x 10 x 5-1/8	4-1/2" / 5" / 6" Small Angle Grinders / drills / hammer drills
344454090	Plastic	15-1/4 x 12-1/2 x 4-1/2	Cordless tools LT/LTX / SSD / SSW
344454110	Plastic	15-1/4 x 12-1/2 x 4-1/2	Drills and hammer drills w/ aluminum gear housings
344454120	Plastic	15-1/4 x 12-1/2 x 4-1/2	KHE-D24 / KHE-D28 / ASE18
344454130	Plastic	15-1/4 x 12-1/2 x 4-1/2	BHA18
344454140	Plastic	15-1/4 x 12-1/2 x 4-1/2	LF724
344454150	Plastic	15-1/4 x 12-1/2 x 4-1/2	Jig Saws
344454180	Plastic	15-1/4 x 12-1/2 x 4-1/2	4-1/2" and 5/6" Small angle grinders
623854000	Plastic	19-1/2 x 12-1/2 x 5-1/4	Multipurpose - foam inlay for customizing
631397000	Steel	15-1/2 x 7 x 5-1/8	Small angle grinders
638530000	Canvas	17-1/2 x 7-1/2 x 10	Fits 2 tools plus accessories
623894000	Plastic	20 x 11 x 6-1/2	SXE450
344452710	Plastic	24 x 16 x 6-1/2	KHE54/55/75 MHE 65
638531000	Canvas	25 x 11 x 11	Fits 4 tools plus accessories
623874000	Steel	26-1/2 x 6-1/2 x 11	Intermediate and large angle grinders



ADDENDUM

The following pages contain new products not found in the main catalog.
See the table of contents for a complete listing of all new products and their locations.

Metal Removing /Grinding Tools



W18 LTX-115 5.2
4 1/2" Angle Grinder

WF18 LTX-125 5.2
5" Flat Head
Angle Grinder



*Unique Feature:
Fits where no other
grinder can reach!*



GA18 LTX 5.2
25,000 RPM Die Grinder



W18 LTX-150 5.2
6" Angle Grinder



GA18 LTX G 5.2
6,000 RPM Die Grinder

Model #	W18 LTX-115 5.2	W18 LTX-150 5.2	WF18 LTX-125 5.2	GA18 LTX 5.2	GA18 LTX G 5.2
Grainger Kit # ASC30-36 Charger + 2 Li-Ion 5.2 Ah Batteries	602170530	600404620	601306520	600638630	600639630
	<ul style="list-style-type: none"> • Ultra-M Technology • Power interruption protection • Electronic clutch 		<ul style="list-style-type: none"> • Electronic overload protection • Switch with lock on capability* • Spindle lock • Also available as corded tool 		
External carbon brush access	•	•	•	•	•
Rotatable battery pack	•	•	•	•	•
Detachable dust filter	•	•	•	•	•
Spindle thread	5/8-11	5/8-11	5/8-11	n/a	n/a
Arbor size	7/8"	7/8"	7/8"	n/a	n/a
Collet bore	n/a	n/a	n/a	1/4"	1/4"
Max. wheel diameter	4-1/2" Dia.	6" Dia.	5" Dia.	2" Dia.	3" Dia.
No-load speed	8,000 RPM	8,000 RPM	8,000 RPM	25,000 RPM	6,000 RPM
Tool Weight (includes battery)	5.3 lbs.	5.3 lbs.	5.3 lbs.	4.7 lbs.	4.9 lbs.
Shipping weight (charger & batteries)	12.0 lbs.	12.2 lbs.	12.5 lbs.	11.1 lbs.	11.7 lbs.
Length (includes battery)	13"	13"	16 3/8"	17 1/2"	17 3/4"
Carrying Case	Standard	Standard	Standard	Standard	Standard
Bare Tool Version #	602170860	600404860	601306860	600638860	600639860

*Non-locking switch version available by special order

Metal Finishing



S18 LTX 115
Burnisher



W18-125 INOX
Angle Polisher



BF18 LTX 90
Band File



KNS18 LTX
Fillet Weld Grinder/Finisher



RB18 LTX 60
Pipe/Tube Sander

All models available as cordless & corded tools

Model #	KNS18 LTX	S18 LTX 115	W18-125 INOX	BF18 LTX 90	RB18 LTX 60
Grainger Kit # ASC30-36 Charger + 2 Li-Ion 5.2 Ah Batteries	600191630	600154630	600174630	600321630	600192630
<ul style="list-style-type: none"> • Ultra-M Technology • Electronic clutch 	<ul style="list-style-type: none"> • Electronic overload protection • Switch with lock on capability* 	<ul style="list-style-type: none"> • Power interruption protection • Electronic soft start 	<ul style="list-style-type: none"> • Spindle lock • Also available as corded tool 		
Spindle thread	M14	5/8-11	5/8-11	n/a	n/a
Arbor size	1"	3/4" keyed	7/8"	n/a	n/a
Wheel/belt size	6" Dia.	n/a	5" Dia.	1/4", 3/8", 1/2" x 18"	1-3/16 x 21
Max diameter of accessories	6"	8"	5"	n/a	n/a
Max width of accessories	n/a	4"	n/a	n/a	n/a
No-load speed	3,800 RPM	3,000 RPM	5,000 RPM	1,576 SFM	1, 812 SFM
Tool weight	6.6 lbs.	8.5 lbs.	5.3 lbs.	7.3 lbs.	7.3 lbs.
Shipping weight (charger & batteries)	22.8 lbs.	21.5 lbs.	12.5 lbs.	21.7 lbs.	22.4 lbs
Length	24"	8 1/8"	13"	20 1/4"	19 3/4"
Bare Tool Version #	600191850	600154860	600174860	600321850	600192850

*Non-locking switch version available by special order



Stainless Steel Finishing

EASY AS...

1



2



3



Cordless Pipe/Tube Sander Accessories

Aluminum oxide sanding belts



- Suitable for use throughout the metal industry
- Grinding material with sturdy cotton base
- Good cutting output with good tool life
- Even grinding results

Dimensions inches	Grit	Pcs/Pkg	Order #
1-3/16" x 21"	P 120	10	626279000
1-3/16" x 21"	P 180	10	626280000
1-3/16" x 21"	P 240	10	626281000
1-3/16" x 21"	P 320	10	626282000
1-3/16" x 21"	P 400	10	626283000

Zirconia alumina sanding belts



- For all metal uses, particularly suited to the processing of stainless steel
- Grinding material with cotton backing
- Fast cutting with good life
- For rough finishing and deburring of steel and stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order #
1-3/16" x 21"	P 60	10	626284000
1-3/16" x 21"	P 80	10	626285000
1-3/16" x 21"	P 120	10	626286000

Ceramic grain sanding belts



- For all metal uses, particularly suited to the processing of stainless steel
- Fast cutting with extremely long life thanks to the self-sharpening ceramic grain
- For rough finishing and deburring of steel and stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order #
1-3/16" x 21"	P 60	10	626287000
1-3/16" x 21"	P 80	10	626288000
1-3/16" x 21"	P 120	10	626289000

"Pyramid" sanding belts



- For all metal uses, particularly suited to the processing of stainless steel
- 3-dimensional structure of the grinding media (pyramid-shaped). High removal of material with a very even and fine grinding result for the entire lifetime of the product
- Fastest finish; considerably reduces working time compared to traditional grinding methods

Dimensions inches	Grit	Pcs/Pkg	Order #
1-3/16" x 21"	P 120 (A 160)	5	626290000
1-3/16" x 21"	P 280 (A 65)	5	626291000
1-3/16" x 21"	P 400 (A 45)	5	626292000
1-3/16" x 21"	P 600 (A 30)	5	626293000
1-3/16" x 21"	P 1200 (A 16)	5	626294000
1-3/16" x 21"	P 2000 (A6)	5	626295000

Non-woven nylon web belts



- For grinding, cleaning and finishing work
- For removing scratches, color runs and oxide layers
- For preparing, pre-grinding and polishing weld seams

Diameter inches	Grit	Pcs/Pkg	Order #
1-3/16" x 21"	Coarse	3	626296000
1-3/16" x 21"	Medium	3	626297000
1-3/16" x 21"	Very fine	3	626298000

Felt belt



- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste

Diameter inches	Grit	Pcs/Pkg	Order #
1-3/16" x 21"	Soft	1	626299000

Polishing paste, white



- For pre-polishing and polishing steel and stainless steel in conjunction with sisal polishing rings, for example, 623507000

Order #
623520000

Polishing paste, brown



- For pre-polishing and polishing non-ferrous metals in conjunction with cotton web polishing rings, for example, 623508000

Order #
623522000

Polishing paste, blue



- For high-gloss polishing of all metals in conjunction with cotton web polishing rings, for example, 623509000

Order #
623524000

Micro fiber cloth



- 3 micro-fiber cloths
- For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue
- Suitable for all metals and hard plastics

Order #
626398000

18V LED Site Lamp

Up to 7+ hours run time!

BSA14.4-18 #602111850

(bare tool only: battery & charger must be purchased separately)

Carrying Handle

SAFE! Cool to the Touch

Powerful 18 LEDS

5/8-11" Threaded Mount
Fits laser and survey stands

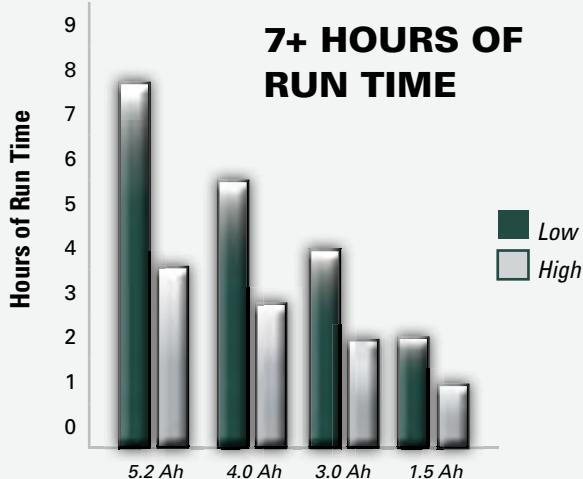
Integrated Wall Hanging Mount

Swivels 180°

Anti-Skid Base

Tripod Stand for BSA Light #623729000

- Up to 68" High
- Folds to 33 1/2"
- 5/8-11" thread



- ▶ **18V LITHIUM-ION**
Up to 7+ hours run time with the exclusive 5.2 Ah Battery!
- ▶ **2 SETTINGS: 1200/1800 LUMENS**
- ▶ **BRIGHT, CONSISTENT WHITE LIGHT OVER A WIDE AREA**
- ▶ **SWIVEL 180° DEGREES**
- ▶ **TRIPOD STAND ACCESSORY AVAILABLE**



Light up the dark! The powerful BSA14.4-18 cordless site lamp provides up to 7+ hours of illumination for large working areas!



Flat Head Grinders



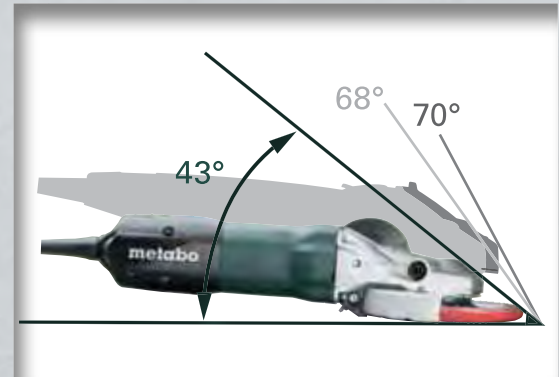
- ▶ **Patented Flat Head Gearbox Design**
A 2-5/8" clearance fits acute angles as small as 43°
- ▶ **Electronic Safety Clutch**
Increases safety by shutting off the tool if the wheel jams
- ▶ **Burst Proof Guard**
7 locking positions
- ▶ **Applications**
 - Metal cutting and grinding
 - Metal fabrication
 - Steel erectors
 - Pipefitters
 - Ship building/maintenance
 - General metal industry
 - General contractors

Model #	WEF9-125	WF18 LTX-125 5.2
Description	4 1/2" -5" Flat Head Angle Grinder	4 1/2" -5" 18V Flat Head Angle Grinder
Order No.:	613060420	-
Order No.: 5.2 Kit (ASC30-36 Charger + 2 Li-Ion 5.2 Ah Batteries)	-	601306520
Order No.: Bare Tool	-	601306860
Tacho constamatic (TC) electronics	●	-
LongLife Motor	●	-
Ultra-M Technology	-	●
Electronic overload protection	●	●
Power interruption protection	●	●
Spindle lock	●	●
Aluminum die-cast gear housing	●	●
Flat head gear box design	●	●
Burst proof guard	●	●
Ergonomic side handle	●	●
Electronic winding temperature monitor	●	● (w/LED)
Electronic safety clutch	●	●
Auto-stop carbon brushes	●	●
Electronic soft start	●	●
Electronic speed stabilization	●	-
Switch with lock on capability	●	●
External carbon brush access	-	●
Rotatable battery pack	-	●
Detachable dust filter	-	●
Maximum Torque	18 in. lbs.	14 in. lbs.
Max. wheel diameter	5" Dia.	5" Dia.
No-load speed	10,000 RPM	8,000 RPM
Amps	8.0	n/a
Rated input watts	910	n/a
Arbor size	7/8"	7/8"
Spindle thread	5/8-11	5/8-11
Tool Weight (includes battery on cordless version)	4.7 lbs.	5.6 lbs.
Shipping weight (includes charger & batteries on cordless version)	6.6 lbs.	12.6 lbs.
Length	13 3/4"	15 1/8" (with battery)
Standard Equipment:	- Inner flange - Outer nut - Spanner wrench - Type 27 Guard - Side Handle - Side Handle Extension	- Case - Dust Filter - (2) Li-Ion 18V 5.2 Ah Batteries - ASC30-36 Charger - Inner flange - Outer nut - Spanner wrench - Type 27 Guard - Side Handle - Side Handle Extension
Optional Equipment:	- Type 1 Cut-off Guard - Case	- Type 1 Cut-off Guard

The solution for tight spaces

- A patented gear drive allows for a very low profile head design that enables grinding in acute angles as small as 43° and into narrow spaces as low as 2-5/8" high
- Ergonomic design reduces fatigue, even when working on weld joints in difficult positions
- Specifically designed abrasive accessories allow the flat head grinder to work faster and longer







Patented gear design: the Metabo flat-head angle grinder vs. standard angle grinders



Flat Head Angle Grinder Accessories

In addition to many standard wheels with 5" diameters, we have developed specialty abrasives to enhance the performance of your angle grinder when working in tight spaces.

SPECIALITY WHEELS	Grit	Size	Order No.
 Flexiamant Super Convex CER Extreme Performance Ceramic Steel/Stainless Steel/Heat Sensitive Materials Contaminant Free	P 60	5 x 7/8	626460000
	P 80	5 x 7/8	626461000
 Flexiamant Super Convex ZK High Performance Zirconia Alumina Steel/Stainless Steel Contaminant Free	P 40	5 x 7/8	626462000
	P 60	5 x 7/8	626463000
	P 80	5 x 7/8	626464000
 Flexiamant Super CER - offset Extreme Performance Ceramic For Uniform Finish of Weld Seams Steel/Stainless Steel/Heat Sensitive Materials	P 40	5 x 5/8-11	626486000
	P 60	5 x 5/8-11	626487000
 Non-woven Fleece VKS ZK Profillable Disc Precise Cleaning of Weld Seams Steel/Stainless Steel	coarse	5 x 7/8	626482000
	medium	5 x 7/8	626483000

GRINDING WHEELS	Spec.	Size	Order No.
 "Combinator" Type 27 Cutting & Grinding Steel/Stainless	A 46 U	5 x 5/64 x 7/8	616501420
 Pipeline Wheel Type 27 Cutting/Notching/Grinding Steel/Stainless Steel	A 24 T	5 x 1/8 x 7/8	655287000
	A 24 N	5 x 1/4 x 7/8	616730000
 Grinding Wheel Type 27 Steel	A 24 T	5 x 1/4 x 7/8	616486000
	A 36 O	5 x 1/4 x 7/8	616747000
 Grinding Wheel Type 27 Stainless Steel	A 36 M	5 x 1/4 x 7/8	616749000
 Grinding Wheel Type 27 Aluminum	.020 Carbon Steel	4-1/2 x 3/16 x 5/8-11	655228000
 Stringer Bead Wire Wheel Knotted			




Type 1 Cutting Wheel Guard

With the innovative tool free cutting wheel guard, you can meet ANSI B7.1 specifications for use with Type 1 Cutting Wheels.



Cutting blade guard 5"

Type 1 Guard with quick adjustment for WEF9-125 and WF18 LTX-125 **630355000**

TYPE 1 CUTTING WHEELS	Spec.	Size	Order No.
 Original Slicer Fastest Cut/Flexible Steel/Stainless Steel	A 60 TZ	5 x .040 x 7/8	655334000
 Long Life Original Slicer Long Life/Tough Steel/Stainless Steel	A 60 XL	5 x .045 x 7/8	655335000
 Slicer Plus Aggressive/Cool Cutting Steel/Stainless Steel/Non-Ferrous Metals	A 60 TX	5 x .045 x 7/8	655993000

Tuck Pointing Grinder

WQ1000 - 5" Angle Grinder

Order No.: 620035420

RPM: 10,000
 Amps: 8.5
 Rated Input Watts: 1010
 Arbor size: 7/8"
 Spindle thread: 5/8"-11
 Length: 12"

Switch with lock on capability

Lightweight: Less than 5 1/2 pounds!

Metabo Safety Clutch



Ergonomic two position offset side handle
 Designed for increased comfort and grip

Metabo "Quick" spannerless wheel change system

Renowned Metabo Motor

- High overload capacity

Standard Equipment:

- Side handle (314000970)
- Wheel guard (316035710)
- Inner flange (341031290)
- Outer nut (316031310)

Metabo's Legendary Protection Systems Features:

- Aluminum die-cast gear housing allows for fast heat dissipation
- Auto-stop carbon brushes and Winding protection grid extend motor life

Optional Equipment:

Tuck Pointing Guard
 (630845000)



Dustless Shroud
 (655153000)



The powerful and rugged design of the WQ1000 make it the ideal tool for tuckpointing, concrete preparation and other concrete grinding applications.



Surface Prep



RF14-115
5" Handheld Scarifier



RS14-125
5" Concrete Grinder



RS17-125
5" Concrete Grinder

Model #	RF14-115	RS14-125	RS17-125
Order No.: w/Star Cutter Head	603823760		
Order No.: w/Concrete Diamond Cup Wheel		US603824751	US603822751
Order No.: w/Abrasive Diamond Cup Wheel		US603824752	US603822752
Order No.: w/PCD Diamond Cup Wheel		US603824753	US603822753
Vario tacho constamatic (VTC) electronics	●	●	
LongLife high torque motor	●	●	●
Switch with lock-on capability	●	●	●
Current interruption protection	●	●	●
Electronic soft start	●	●	●
Electronic overload protection	●	●	
Metabo slip clutch	●	●	
Floating brush ring		●	●
Aluminum die-cast "Turbo" dustless guard	●	●	●
Aluminum die-cast flange	●	●	●
Adjustable depth control	●		
Spindle lock	●	●	●
5 Position Ergonomic, adjustable loop handle	●	●	●
Maximum wheel diameter	5"	5"	5"
No-load speed (RPM)	2800	2000-7000	7600
Amps	12.2	12.2	14.2
Rated input watts	1450	1450	1700
Arbor size	n/a	7/8"	7/8"
Spindle thread	M14	5/8"-11	5/8"-11
Tool weight (including diamond wheel)	7.9 lbs.	7.7 lbs.	10.4 lbs.
Length	13"	14.375"	18"
Carrying case	344455160 (standard)	344455160 (standard)	344455160 (standard)
Standard Equipment:			
Star cutter head	(628210000)	----	----
5 Position adjustable loop handle	(343399690)	(343399690)	(343399690)
Additional brush ring	(628215000)	(628214000)	(628214000)
5" Concrete diamond cup wheel*	----	(628205000)*	(628205000)*
5" Abrasive Diamond cup wheel*	----	(628206000)*	(628206000)*
5" PCD diamond cup wheel*	----	(628208000)*	(628208000)*

*Note: Includes 1 diamond cup wheel. See order no. to confirm which wheel comes with the tool.

Optional Equipment:	RF14-115	RS14-125	RS17-125
Replacement star cutters pointed (628211000)		Diamond cup whl for hard concrete (628205000)	Diamond cup whl for hard concrete (628205000)
Replacement star cutters bent (628213000)		Diamond cup whl for green concrete, abrasive materials (628206000)	Diamond cup whl for green concrete, abrasive materials (628206000)
Cutter head pointed, complete (628210000)		PCD diamond cup wheel (628208000)	PCD diamond cup wheel (628208000)
Cutter head bent, complete (628212000)			

Manufacturer of quality power tools and abrasives.

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info@metabousa.com

www.metabousa.com



metabo[®]
work. don't play.