

2011/2012 CATALOG

metabo®

POWER TOOLS, ACCESSORIES AND ABRASIVES



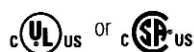
metabo®
work. don't play.

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, 1910.304 allowance for industrial use, and 1926.302-304 and 1926.404 allowance for construction use, for both 2 wire double insulated and 3 wire grounded tools. The exception to the grounding requirement is given in the phrase "Listed portable tools protected by an approved system of double insulation, or its equivalent, shall not be required to be grounded".

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							

WARRANTY / XXL WARRANTY

METABO POWER TOOLS HAVE BEEN CAREFULLY TESTED AND INSPECTED BEFORE SHIPMENT AND ARE WARRANTED TO BE FREE FROM ANY DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF 12 MONTHS FROM USERS ORIGINAL DATE OF PURCHASE FOR TOOLS PURCHASED AFTER APRIL 1, 2004. THIS WARRANTY CAN BE EXTENDED TO THREE YEARS BY REGISTERING THE TOOL AT WWW.METABO.COM/XXL WITHIN FOUR WEEKS OF PURCHASE. IF REPAIR IS REQUIRED, RETURN COMPLETE TOOL, SHIPPING PREPAID, WITH PROOF OF PURCHASE AND, IF CLAIMING EXTENDED WARRANTY, XXL CONFIRMATION, TO METABO'S NEAREST AUTHORIZED SERVICE STATION. IF INSPECTION SHOWS DEFECTIVE MATERIAL OR WORKMANSHIP, METABO WILL REPAIR OR REPLACE (AT OUR OPTION) THE TOOL WITHOUT CHARGE DURING THE WARRANTY PERIOD. FOR MORE INFORMATION ON XXL WARRANTY SEE WWW.METABO.COM/XXL. THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR AND TEAR. IT DOES NOT COVER ANY DAMAGES CAUSED BY CARELESS OR UNSAFE HANDLING, ALTERATION, ACCIDENTS, MISUSE, OR REPAIR ATTEMPTED OR MADE BY PERSONNEL OTHER THAN METABO CORPORATION OR ITS AUTHORIZED SERVICE STATIONS. THIS WARRANTY ALSO EXCLUDES ACCESSORIES SUPPLIED BY METABO CORPORATION. THIS WARRANTY APPLIES IN LIEU OF ANY OTHER WARRANTIES. EXPRESSED OR IMPLIED, AND VARIATIONS OF ITS TERMS ARE NOT AUTHORIZED.

THE FOREGOING OBLIGATION IS METABO'S SOLE LIABILITY UNDER THIS OR ANY IMPLIED WARRANTY, AND UNDER NO CIRCUMSTANCES SHALL METABO BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS, WHICH VARY FROM STATE TO STATE.

Spare Parts

Metabo guarantees that spare parts will continue to be available for a minimum of 8 years from the date that production ceases for any of its tools.

Product Changes / Improvements

Metabo Corporation reserves the right to make changes or improvements to its products without incurring any liability or obligation whatever and without being required to make any corresponding changes or improvements in products previously manufactured or sold.



The Metabo 3-year Tool Warranty

(on-line registration required for extended warranty to take affect)

Registration: www.metabo.com/xxl

At Metabo we design our power tools for a long service life, but to give you additional peace of mind for your investment we are now offering the XXL warranty. After registration, your normal warranty is simply extended to 3 years from the date of purchase.

Questions and answers about Metabo's 3-year XXL warranty...

What is the XXL warranty?

The XXL warranty extends Metabo's normal one year power tool warranty to three years, and is acquired free of charge by registering online at www.metabo.com/xxl. The XXL warranty is available only for tools purchased from April 1, 2004.

What is covered by the XXL warranty?

The XXL warranty covers defects in materials and workmanship. Simply return the tool prepaid to your nearest Metabo Repair Center for repair or replacement (at our option) without charge. See Metabo's warranty statement for full details.

Will all machines purchased come with the XXL warranty?

The XXL warranty is a warranty extension that you receive free of cost only after online registration provided you purchased your machine anytime from April 1, 2004 onwards.

How does the registration work?

On our homepage, complete the XXL warranty form and print out the receipt and you will receive a confirmation via E-mail. Then, should you make a warranty claim, send this receipt along with the original sales receipt and the faulty machine.

Am I entitled to a warranty claim without an online receipt?

Yes, you are entitled to the normal one year warranty period. The online receipt is meant exclusively for extension of the warranty period to the XXL warranty (three years). If your tool is not registered, the normal one year warranty applies.

How can I register if I have no Internet connection?

You can register your machine at www.metabo.com/xxl from any place with access to the Internet. On purchasing a new machine, your dealer can also register your machine online immediately, as long as the dealer has an Internet connection.

How soon after the purchase date must I complete the registration?

The machine must be registered within four weeks after the purchase date.

For more information, visit the Metabo XXL web site: www.metabo.com/xxl

See our service center listing on page 123-126.



3-year Battery and Charger Warranty

Metabo's 18V Lithium-Ion Extreme, Plus and Compact battery packs and ASC30/ASC15 Charger are warranted to the original purchaser for 3 years from the date of purchase against defects in materials and workmanship. If a listed battery fails to take a charge, or if the charger fails, due to a defect in the first 3 years of ownership, return the battery or charger, prepaid, along with proof of purchase to Metabo Corporation or one of it's authorized service centers for replacement.

We create

VALUE

for our customers and employees

metabo®
work. don't play.



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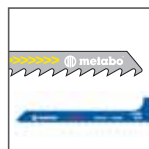
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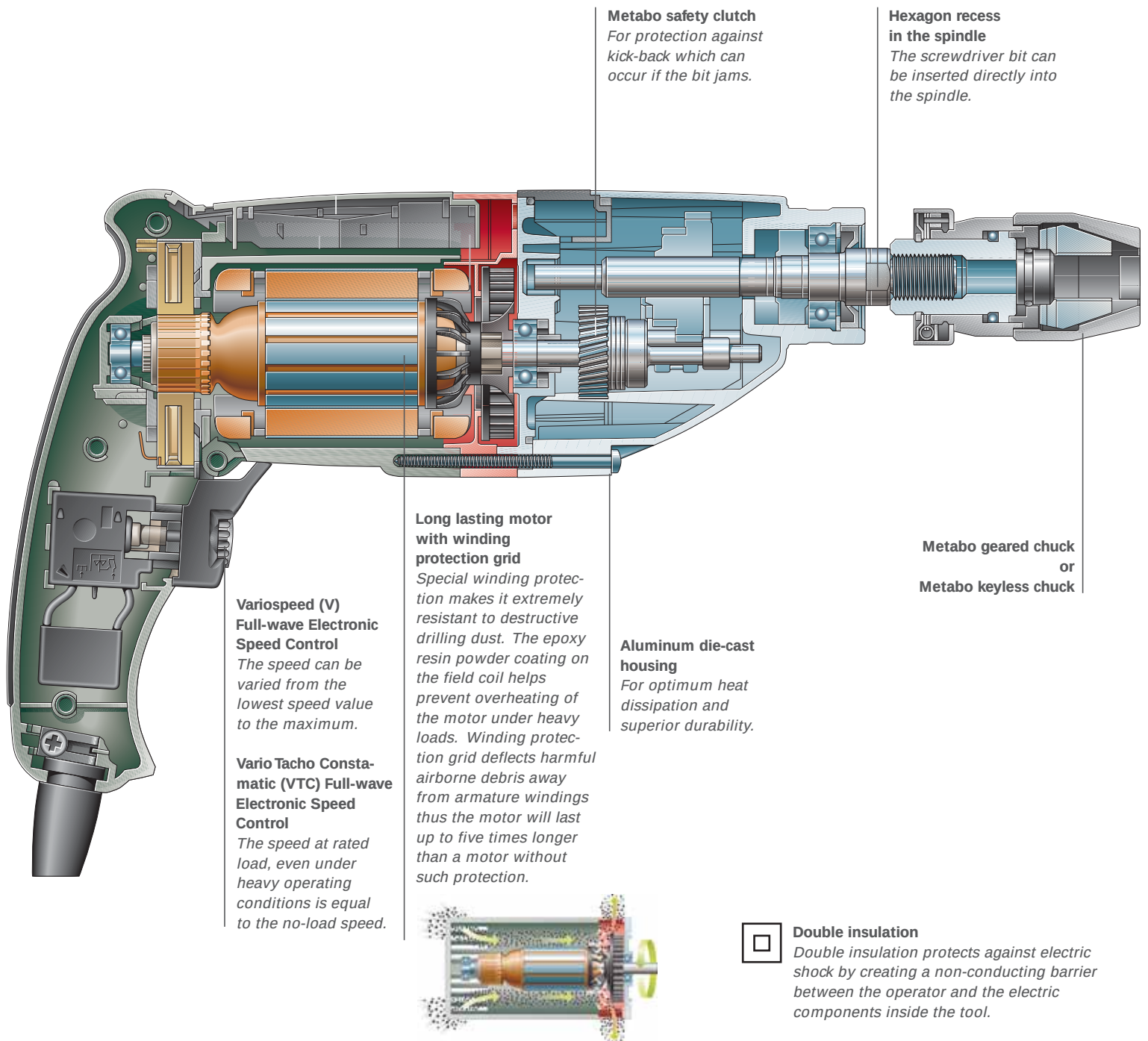
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ENGINEERING RESULTS FOR INDUSTRIAL NEEDS.

Metabo drills are designed and built to meet the needs of the industrial world. 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 industrial demands. **Metabo. Work. Don't play.**





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	10
Wood Steel	Carpentry, wood and metal construction Metal fabrication Machine construction/repair	BE751 750 Watt	10
Ceramic, tiles Application in drilling stands Service and assembly job	Fastening Stirring paint Application as driving machine	BE1100 1,100 Watt	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	11
Wood joists Close quarter drilling in all materials	Plumbing, electrical, HVAC installations	AD75-16 750 Watt	11

At commercial and residential

CONSTRUCTION SITES

we satisfy the most
stringent demands



BE561
3/8" Drill



BE751
2-speed 1/2" Drill

NEW



BE1100
2-speed 1/2" Drill

NEW

Model # Order #	BE561 601162420	BE751 600581420	BE1100 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.	265 inch lbs.	389 inch lbs.
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)	344454110 (optional - plastic)	344454110 (optional - plastic)
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

NEW



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

NEW

Model # Order #	BE75-16 600580420	AD75-16 US600580761
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	664inch 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	655077000 (optional) Also available in 220V	656304000 (standard) Also available in 220V
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)

Accessories



631078000 Right Angle Drive

Drive Ratio: 1:1
Thread size: 1/2"x 20 UNF
Weight: 1 1/4 lbs.
Length: 4"

- 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 applications

Mixers

631043000 Heavy-duty Mixer

5 1/2" dia. stirrer useable for mixing materials of heavy consistency. Overall length is 24 inches

631044000 Mini-mixer

4" dia. stirrer suitable for medium consistency materials. Overall length is 23 inches



600890000 Drill Stand

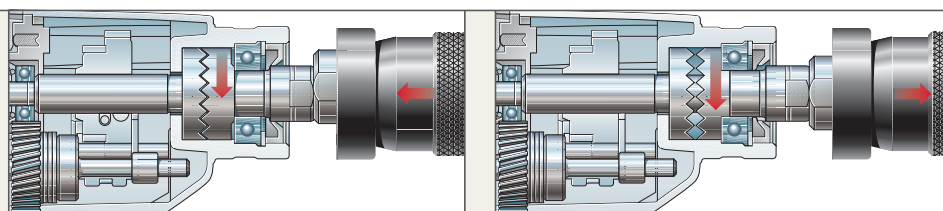
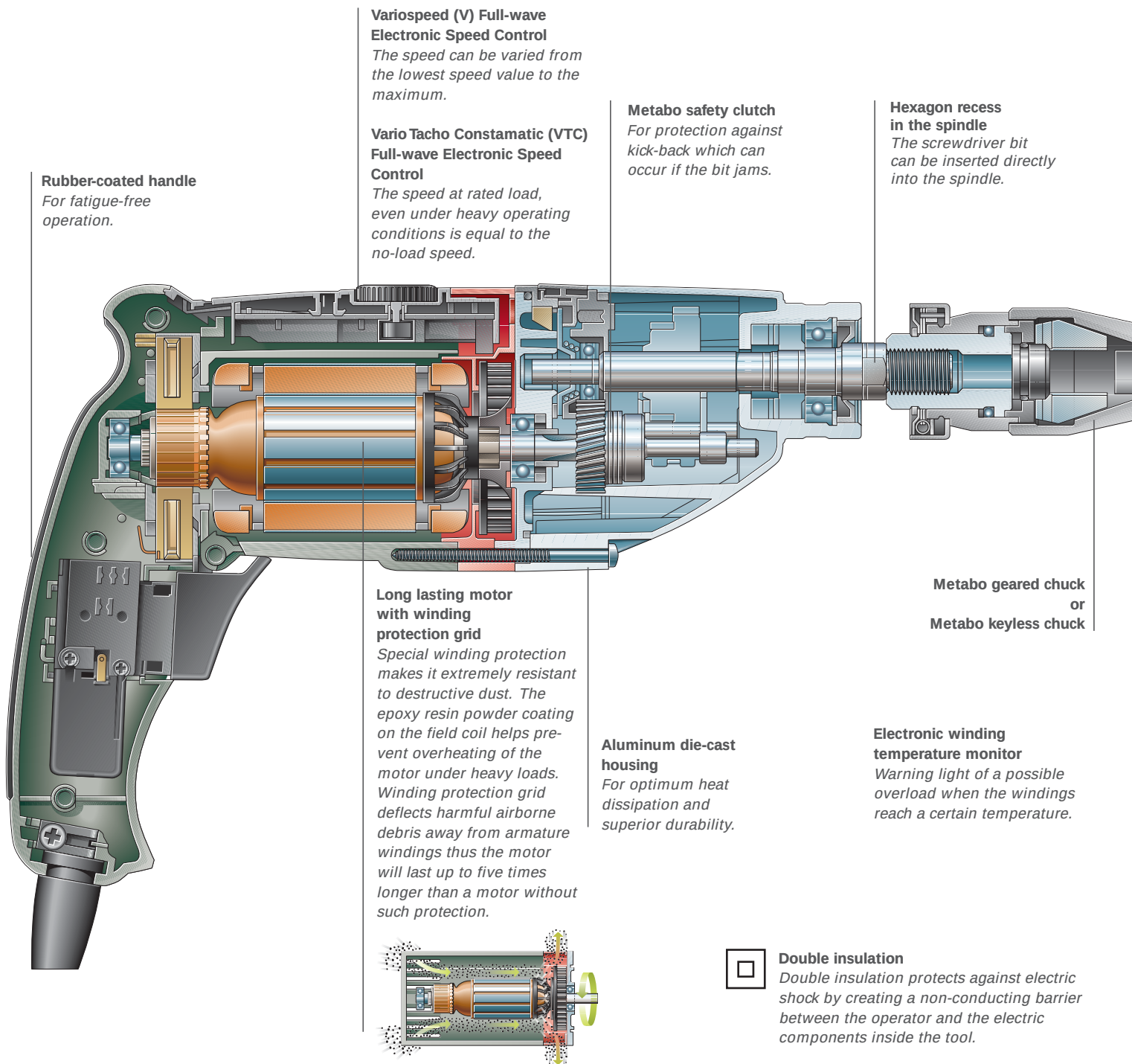
Adjustable depth guide.
Tool clamp dia.: 43 mm
Stroke: 2 9/16"
Distance - center to column: 6 1/2"
Base dimensions: 8 5/8" x 8 3/8"



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. Therefore, a Metabo hammer drill should be standard equipment on every jobsite. **Metabo. Work. Don't play.**





Optimized impact mechanism

Perfectly adapted to the powerful Long Lasting Motor with up to 59,000 impacts per minute.

For what job? Which hammer drill?

Hammer drilling in concrete/stone (inches)												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"		Metal	max. inches	Wood	
												3/8"	3/4"	SBE561 560 Watt	16
												1/2"	1 9/16"	SBE710 710 Watt	17
												1/2"	1 9/16"	SBE751 750 Watt	17
												5/8"	1 9/16"	SBE1100 1,100 Watt	17

For larger diameters you should choose a
Metabo rotary hammer: see Page 18–27

- 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" Keyless
Maximum Tightening Torque	40 inch lbs.
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:	Dust extraction kit (631600000)
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(See page 31 for straight shank hammer drill bits)



SBE710
1/2" Hammer Drill

NEW



SBE751
1/2" Hammer Drill

NEW



SBE1100 Plus
1/2" Hammer Drill

NEW

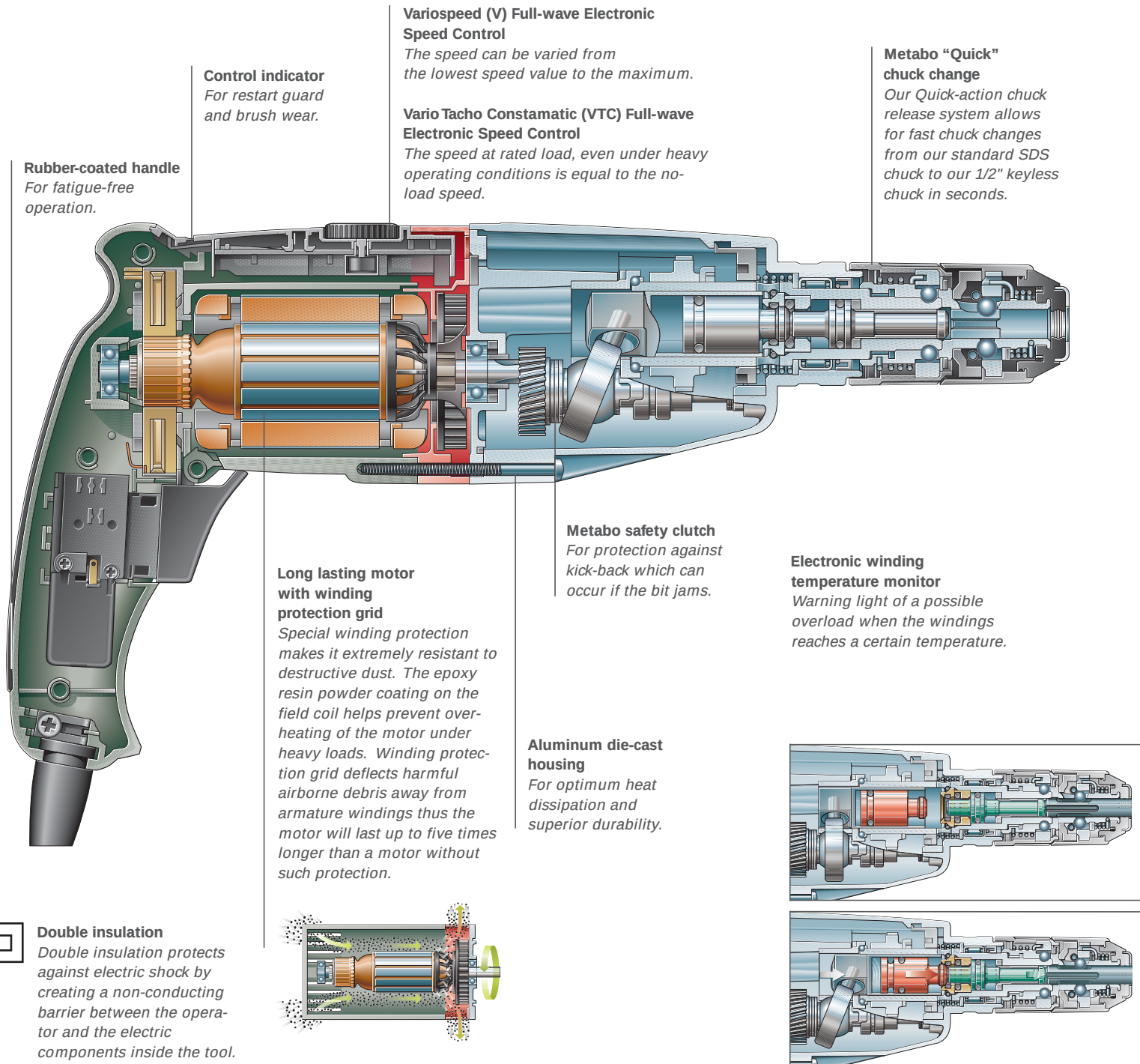
Model # Order #	SBE710 600862620	SBE751 600863620	SBE1100 Plus 600867620
Variospeed (V) electronics	●	●	
Vario tacho constamatic (VTC) electronics			●
Long lasting motor	●	●	●
Electronic winding-temperature monitor			●
Aluminum die-cast gear housing	●	●	●
Safety non-slip side handle	●	●	●
2-speed gear-box	●	●	●
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.
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)	1/2" chuck (635250000)	1/2" chuck (636226000)
	Side handle (314001030)	Side handle (314001030)	Side handle (314001020)
	Depth gauge (341511630)	Depth gauge (341511630)	Depth gauge (341511630)
	Chuck key (635167000)	Chuck key (635167000)	
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.**

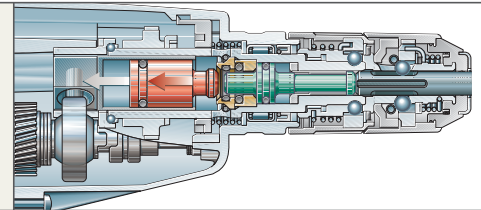
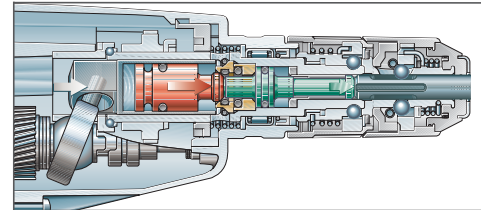
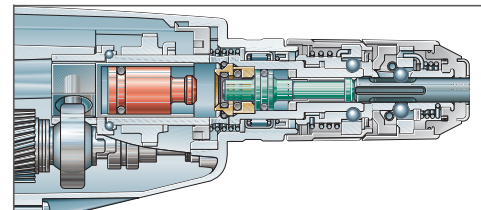




Relaxed working due to ergonomic design
Optimum tuning of the design to the user's needs enables safe, comfortable and fatigue-free work.



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		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"			UHE2650		24
															1 st / 2 nd gear		● ● ●	○ ○ ○	2.7 J		
Drill hammers																					
															1/2"	1 3/16"	○ ○ ○	○ ○ ○	BHE2243		22
																			2.3 J		
Combination hammers																					
															1/2"	1 3/16"	● ● ○	○ ○ ○	KHE-D24		23
																			2.2 J		
															1/2"	1 9/16"	● ● ●	○ ○ ○	KHE-D28		23
																			2.5 J		
															5/8"	1 9/16"	● ● ●	● ○ ○	KHE32		24
																			3.5 J		
															–	–	● ● ●	● ● ○	KHE56		25
																			14 J		
															–	–	● ● ●	● ● ●	KHE76		25
																			16 J		
															–	–	● ● ●	● ● ●	KHE96		25
																			27 J		
Chipping hammers																					
															–	–	● ● ●	● ● ○	MHE56		26
																			14 J		
															–	–	● ● ●	● ● ●	MHE96		26
																			27 J		

We are also

DEMANDING

of our business partners



BHE2243
7/8" SDS Rotary Hammer

NEW

Model #	BHE2243
Order #	604480420
Single blow energy (measured in joules)	2.3
Variospeed (V) electronics	●
Long lasting motor	●
Suitable for light chiselling work	● (use w/631409000)
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	124 inch lbs.
Capacity	
- in concrete using solid bits	7/8"
- in mild steel	1/2"
- in softwood	1 3/16"
No-load speed (RPM)	0-1150
No-load blows per minute (BPM)	0-5400
Amps	6.0
Rated input watts	800
Tool weight	7.2 lbs.
Shipping weight	11.6 lbs.
Length	13"
Carrying case	344454110 (standard)
Standard Equipment:	Side handle (314000840) Depth gauge (341511630)
Optional Equipment:	Dust extraction kit (631600000)
(See page 29 for SDS-Plus masonry bits)	



KHE-D24
1" SDS Rotary Hammer
w/Rotostop



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

D-Stroyer™ Rotary Hammers

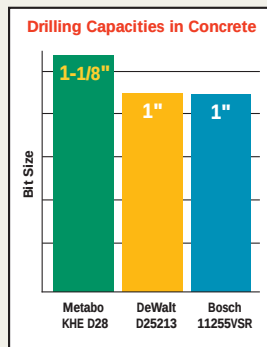
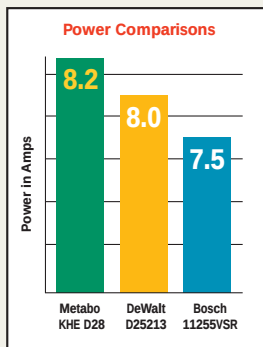
The most powerful SDS D-handle rotary hammer.

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		●
Long lasting motor	●	●
Quick-change chuck system		●
Chisel positions	● 12 settings	● 12 settings
Percussion stop for drilling only operations	●	●
Rotation stop	●	●
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 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) Depth gauge- (341511630)	Side handle- (314000770) Depth gauge- (341511630)
Optional Equipment:	Dust extraction kit- (631600000)	1/2" Keyless 3-jaw chuck- (631921000) Dust extraction kit- (631600000)

(See page 29 for SDS-Plus masonry bits and page 32 for SDS-Plus chisels)



UHE2650 Multi
1 1/8" Multi-purpose Hammer
w/Rotostop



KHE32
1 1/4" SDS Rotary Hammer
w/Rotostop

NEW

UHE2650 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 UHE2650 Multi Hammer gives you more... much more!

Model # Order #	UHE2650 Multi 600952420	KHE32 600232420
Single blow energy (measured in joules)	0-2.75	0-3.5
Vario tacho constamatic (VTC) electronics	●	●
Long lasting motor	●	●
2-speed gear-box for drilling wood or metal	●	
Quick-change chuck system	●	●
Chisel positions	● 30 settings	● 15 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.	221 inch lbs.

Capacity		
- in concrete using solid bits	1 1/8"	1 1/4"
- in brickwork using thin wall core bits	3 1/8"	n/a
- in mild steel	1/2" - 5/16"	5/8"
- in softwood	2 5/8" - 3/4"	1 9/16"
No-load speed (RPM)	0-950/0-2600	0-780
No-load blows per minute (BPM)	0-4400	0-3800
Amps	9.0	7.5
Rated input watts	1010	900
Tool weight	8.1 lbs.	10.5 lbs.
Shipping weight	13.5 lbs.	15.9 lbs.
Length	15 9/16"	15"
Carrying case	344454110 (standard)	344452350 (standard)
Standard Equipment:	Side handle- (314001230) Depth gauge- (343398230) 1/2" Keyless 3-jaw chuck-(301002190) SDS chuck-(316046990)	Side handle- (314000770) Depth gauge- (341511630) SDS chuck (631922000)
Optional Equipment:	Dust extraction kit- (631600000)	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 # Order #	KHE56 600340420	KHE76 600341420	KHE96 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			
- 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 30 for SDS-Max masonry bits and page 32 for SDS-Max chisels)



MHE56
SDS-Max Demolition Hammer



MHE96
SDS-Max Demolition Hammer

Model # Order #	MHE56 600366420	MHE96 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	●	●
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 32 for SDS-Max chisels)

Accessories	
 622500000 Code key For use with the KHE54, KHE55, KHE75 and MHE65.	 623371000 SDS-Max to SDS adaptor
 631600000 Dust extraction kit for corded and cordless drills, hammer drills and SDS-Plus rotary hammers. Includes handle, hose and 2 vacuum adaptors.	 676293000 SDS-Max to Spline adaptor
 631590000 Dust extraction device for corded and cordless hammer drills and SDS hammers with depth stop for 5/32" - 3/4" diameter bits. Requires 631594000.	 676137000 Spline to SDS-Max adaptor
 631591000 Dust extraction device for hammer drills and SDS hammers with depth stop for 5/8" - 1 9/16" diameter bits. Requires 631594000.	 630276000 Spline to SDS-Plus adaptor
 631594000 Support handle (goes with 631590000 & 631591000) for fitting the dust-extraction devices on the collar of the tool.	 631409000 Chiselling adaptor Fits over existing chuck of BHE2243.
 631592000 Vacuum hose 15' long with 30mm internal diameter and 35mm external diameter connecting pieces. Requires 630316000 or 631593000 adaptor.	 630928000 SDS chuck adaptor 1/2 x 20 threads. Use it to mount specialty chucks and accessories on Metabo SDS rotary hammers.
 630316000 Adaptor Used for connecting 631592000 vacuum hose to standard 2 1/4" vacuum inlets.	 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).
 631593000 Adaptor Used for connecting 631592000 vacuum hose to standard 1 1/4" vacuum inlets.	 631921000 Quick-action drill chuck For use with the UHE28 (600361420) and KHE-D28.
 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"	 631923000 Quick-action drill chuck (spare) For use with the KHE32.
	 631920000 SDS Plus chuck For use with the UHE28 (600361420) and KHE-D28.

4-Cutter Design

Centering Point:

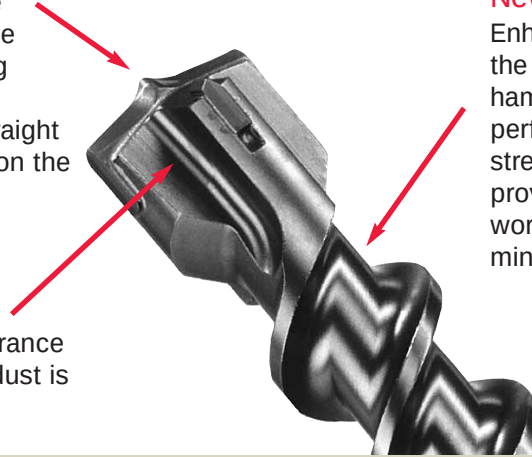
For improved centering on hard or smooth surfaces. The aggressive carbide tip geometry optimizes the cutting characteristic when drilling through reinforcement bars. The centering point keeps the hole straight so there is less friction and wear on the sides of the flutes.

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



2-Cutter Design

Distinctive Centering Point for

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

Aggressive Cutting Edge for

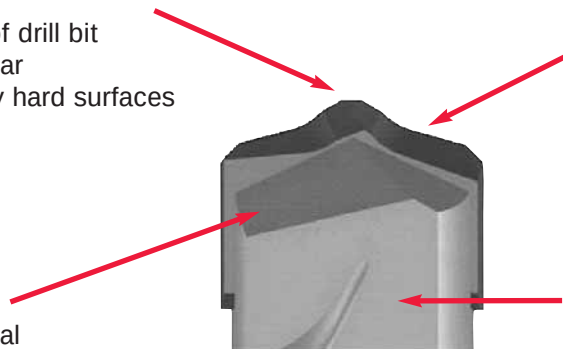
- extremely fast penetration
- drilling through very hard stone
- cutting through rebar
- quickly and smoothly penetrating tile and other hard surfaces

Ground Flute for

- fast penetration
- best drill dust removal

High Alloy Steel for

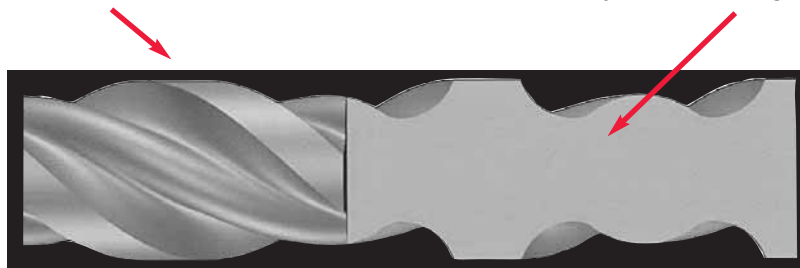
- long tool life
- improved impact transfer to cutting tip
- less wear on flute edges and hammer contact end



4-Flute Construction

Two additional flutes reduces the vibration and improve 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



SDS-Plus Shank - Fits Metabo BHE22, KHE-D24, KHE-D28, KHE32, UHE28 Multi, BHA18, KHA24 and all SDS-Plus Rotary Hammers

Dia. (inches)	Drilling Depth (inches)	Total Length (inches)	2-Cutter	4-Cutter	Bulk Packs	Qty. (per pack)
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
3/16	4	6	674606000 (Pro 4)		674656000	25
3/16	6	8	676127000 (Pro 4)			
3/16	8	10	676147000 (Pro 4)			
3/16	10	12	674706000 (Pro 4)			
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)			
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
1/4	4	6	674708000 (Pro 4)		674758000	25
1/4	6	8	674808000 (Pro 4)		676281000	25
1/4	9	11	674908000 (Pro 4)		674908100	25
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
5/16	6	8	674710000 (Pro 4)			
5/16	10	12	674810000 (Pro 4)			
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)			
3/8	16	18	674713000 (Pro 4)			
3/8	22	24	674714000 (Pro 4)			
7/16	4	6	674514000 (Pro 4)			
7/16	8-1/4	10-1/4	676153000 (Pro 4)			
7/16	10-1/4	12-1/4	676133000 (Pro 4)			
7/16	16	18	676154000 (Pro 4)			
1/2	4	6	674516000 (Pro 4)		674566000	25
1/2	8	10	674716000 (Pro 4)			
1/2	10-1/4	12-1/4	688062000 (Pro 4)			
1/2	16	18	674816000 (Pro 4)			
1/2	22	24	674818000 (Pro 4)			
9/16	4-1/4	6-1/4	674819000 (Pro 4)			
9/16	8-1/4	10-1/4	676155000 (Pro 4)			
9/16	10-1/4	12-1/4	676156000 (Pro 4)			
9/16	16	18	676157000 (Pro 4)			
5/8	4-1/4	6-1/4	676158000 (Pro 4)			
5/8	6	8	674520000 (Pro 4)	688074000	676286000	10
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 (Standard)			
11/16	10	12	676167000 (Standard)			
3/4	6	8	674524000 (Standard)		676288000	15
3/4	8	10	676126000 (Standard)	676181000		
3/4	10	12	674624000 (Standard)	676183000		
3/4	16	18	674724000 (Standard)	676185000		
3/4	22	24	676168000 (Standard)			
7/8	6	8	676169000 (Standard)	676191000		
7/8	8	10	674528000 (Standard)	676192000		
7/8	10-1/4	12-1/4	676170000 (Standard)	676193000		
7/8	16	18	674728000 (Standard)	676196000		
1	6	8	676171000 (Standard)			
1	8	10	674600000 (Standard)	676199000		
1	10	12	676172000 (Standard)	676201000		
1	16	18	674800000 (Standard)	676205000		
1-1/8	8	10		674804000		
1-1/8	16	18		688065000		
1-1/4	16	18		688066000		
Assortment bit kit			688073000 (Tapcon)			

>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 a symmetrical 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

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



		Order No.	Diameter (inches)	Drilling Depth (inches)	Total Length (inches)
SDS-MAX	2 Cutter	676516000	1/2	7-1/2	13
		676616000	1/2	12	17
		676716000	1/2	15-1/2	21
		676258000	9/16	8	13
		676134000	9/16	17	21
	4 Cutter	676620000	5/8	12	17
		676259000	5/8	31	36
		676520000	5/8	7-1/2	13
		676720000	5/8	15-1/2	21
		676260000	11/16	16	21
		676524000	3/4	8	13
		676624000	3/4	12	17
		676724000	3/4	17	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	17	21
		676265000	7/8	31	36
		676700000	1	8	13
		676800000	1	12	17
		676900000	1	17	21
		676266000	1	31	36
		676267000	1-1/16	18	23
		676804000	1-1/8	12	17
		676904000	1-1/8	17	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	11	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 SBE560, 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

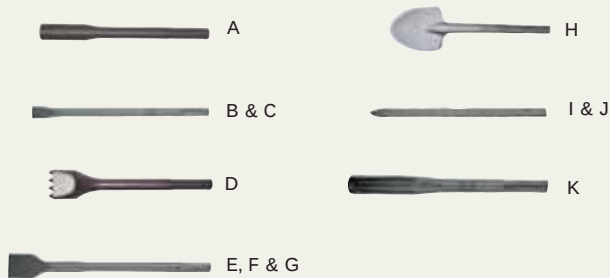
- Precisely sharpened, they will retain their cutting edge over a long time.
- Made of specially tough breakage resistant steel.
- Easy to reforge.

Order No.		Description	Width (inches)	Total Length (inches)	Pcs/Pk
631420000	A	COLD CHISEL	3/4	10	1
631425000	B	SCALING CHISEL	1 1/2	10	1
631421000	C	SQUARE POINT	---	10	1
631422000	D	GROOVING CHISEL	15/16	9 1/2	1
630992000	E*	CIRC POINTED	---	10	1

Individually packaged in vinyl pouches. *For use on rotary hammers without rotation stop. All other chisels require a tool with rotation stop or use of 631409000 chiselling adaptor. (see page 27)

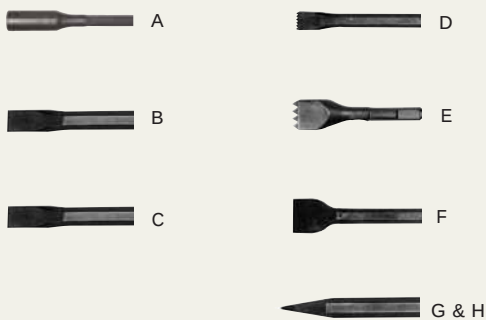


Chisels for SDS-Max Rotary Hammers



Order No.		Description	Width (inches)	Total Length (inches)	Pcs/Pk
655054000	A	GROUND ROD DRVR	7/8	10 1/4	1
623353000	B	COLD CHISEL	1	12	1
623354000	C	COLD CHISEL	1	18	1
655079000	D	BUSHING TOOL	1 3/4	9 1/2	1
623355000	E	SCALING CHISEL	2	12	1
676002000	E	SCALING CHISEL	2	16	1
623384000	F	ASPHALT CHISEL	3 1/2	16	1
623356000	G	SCALING CHISEL	3	12	1
676001000	H	CLAY SPADE	4 1/4	16	1
623351000	I	BULL PT CHISEL	---	12	1
623352000	J	BULL PT CHISEL	---	18	1
623357000	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
623361000	B	COLD CHISEL	1	12	1
630381000	C	COLD CHISEL	1	18	1
623364000	D	SLOTING CHISEL	1 1/8	12	1
655078000	E	BUSHING TOOL	1 3/4	9 1/4	1
623363000	F	SCALING CHISEL	2	12	1
623360000	G	BULL PT CHISEL	---	12	1
630380000	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. New 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

Individually packaged in vinyl pouch.



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



- 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

EXTENSION-SDS MAX
Order No.: (see below)

Connector-SDS MAX TO SDS MAX
Order No.: 675704000



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

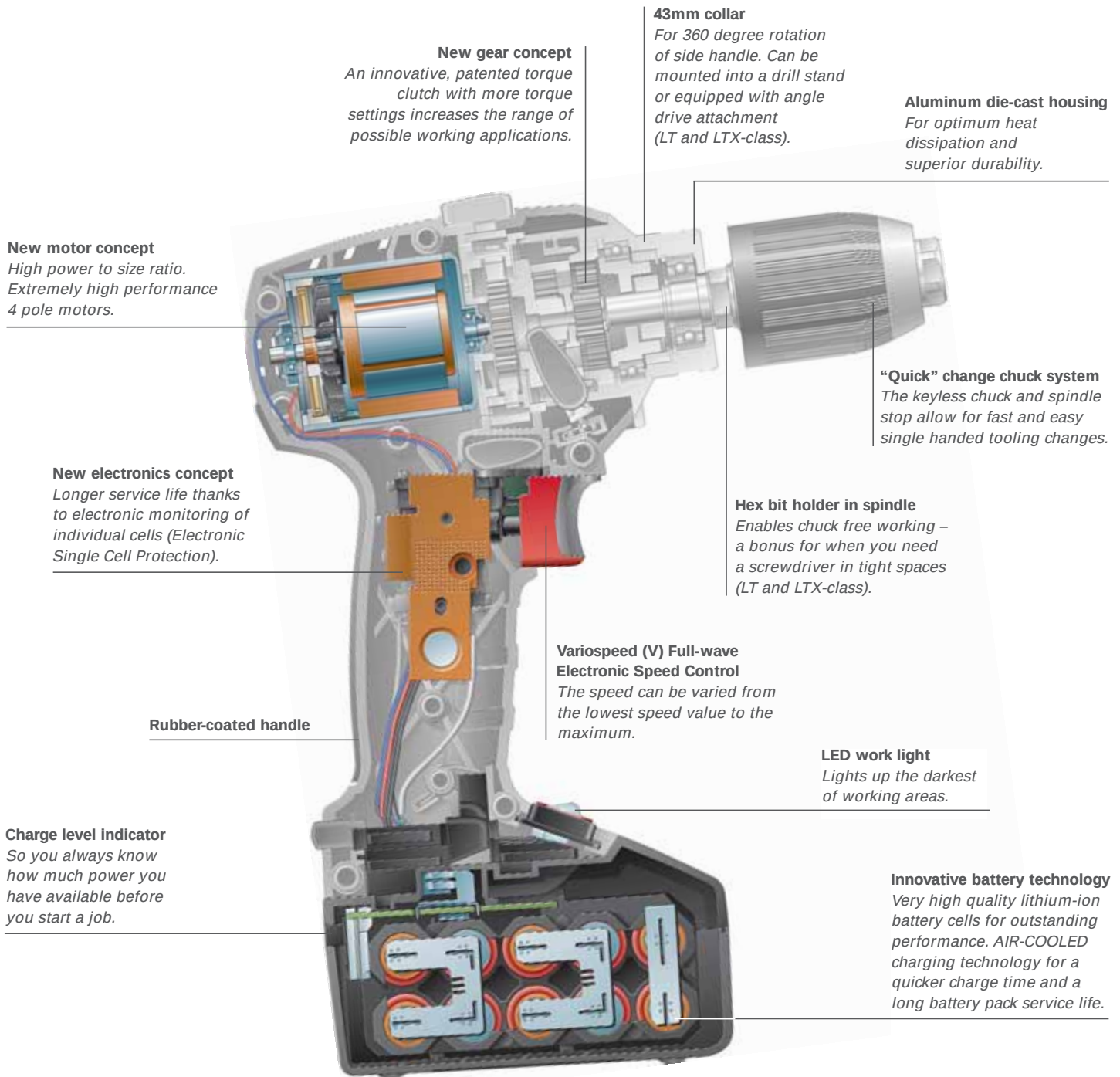
*included with one piece core bits



METABO CORDLESS, DESIGNED TO EXCEED EXPECTATIONS.

Metabo has developed a new range of cordless tools designed to exceed the requirements that tradesmen bring to the job every day. Our new motor, transmission, and battery concept allows tools with the highest torque, lightest handling, 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.**





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!



LITHIUM-ION TECHNOLOGY

System Flexibility

Li-Power Compact, Li-Power Plus and Li-Power Extreme batteries are totally interchangeable. They fit any LT and LTX drill driver, hammer drill driver, impact driver, reciprocating saw, circular saw or flashlight.

Charge level indicator

Check available energy at the push of a button

Highest-Output Cells

Metabo's cells produce the highest power with greatest efficiency. Cooler performance and highest power reserve in extreme applications.



ESCP cell monitoring

Electronic Single Cell Protection increases service life of battery and monitors individual battery cells while in use and during the charging process. Each cell is constantly checked and prevented from over loading and over discharging during operation, and each cell is also checked for over charging during the charging process.

Temperature monitoring system

Constant checks of individual cell temperatures while in use and during the charging process help extend the life span of batteries.

Rugged Construction

Designed to withstand the toughest conditions; fully protected contact system, individual cells mounted in a safety cell holder and 'float' mounted core pack inside the extremely tough housing.



3-year Battery and Charger Warranty

Metabo's 18V Lithium-Ion Extreme, Plus and Compact battery packs and ASC30/ASC15 Chargers are warranted to the original purchaser for 3 years from the date of purchase against defects in materials and workmanship. If a listed battery fails to take a charge, or if the charger fails due to a defect in the first 3 years of ownership, return the battery or charger, prepaid, along with proof of purchase to Metabo Corporation or one of its authorized service centers for replacement.



FASTER CHARGING, LONGER LASTING.

Metabo has discovered the perfect balance between battery and charging technology; with the help of new electronics, the charging process is even quicker and more gentle on the battery than before. The individual battery cells are protected by ESCP (Electronic Single Cell Protection). The battery packs; Li-Power Plus and Li-Power Extreme provide the optimum performance required for every application.



LONGER SERVICE LIFE THROUGH COOLING

Our proven AIR COOLED charging technology with its innovative guided air flow cools the battery pack during charging to an optimum temperature level. This shortens the charging process by up to 30%, the batteries last significantly longer and saves having to wait long periods for your batteries to charge.



SSD18 LT
1/4" Hex Impact Driver



SSW18 LT
1/2" Impact Wrench

Model #	SSD18 LT	SSW18 LT
Order # w/ASC30 chgr. & 2 Li-Ion batteries	602127520	602128520
Order # "Bare" Tool	602127850	602128850
Variospeed (V) electronics	●	●
3-speed range	●	●
Aluminum die-cast gear housing	●	●
"AIR COOLED" battery pack	●	●
ESCP: Electronic single cell protection	●	●
Reversing switch	●	●
LED Light	●	●
Battery pack voltage/capacity (Plus Battery)	18V/3.0Ah	18V/3.0Ah
Drive	1/4" Hex	1/2" Square
No-load speed (RPM)/Tightening Torque (in. lbs.)		
-speed range 1	0-1,600 / 708	0-1,600 / 929
-speed range 2	0-2,150 / 1,106	0-2,150 / 1,283
-speed range 3	0-2,650 / 1,416	0-2,650 / 1,947
Max. impacts/min.		
-speed range 1	1,500	1,500
-speed range 2	2,700	2,700
-speed range 3	3,300	3,300
Tool weight	4.0 lbs.	4.1 lbs.
Shipping weight (ASC30 charger, 2 batteries)	9.1 lbs.	9.2 lbs.
Length	6 9/16"	6 13/16"
Carrying case	344453850 (standard)	344453850 (standard)
Standard Equipment:	2-18V Li-Ion plus batteries (625457000) Charger (627058000)	2-18V Li-Ion plus batteries (625457000) Charger (627058000)
(See page 44 for drill/driver bits)		



BS18 LT
18V Drill/Driver



SB18 LT
18V Hammer Drill/Driver



BS18 LTX
18V Drill/Driver



SB18 LTX
18V Hammer Drill/Driver

Model #	BS18 LT	SB18 LT	BS18 LTX	SB18 LTX
Order # w/ASC30 chgr. & 2 Li-Ion batteries	602138520	602141520	602144520	602147520
Order # "Bare" Tool	n/a	n/a	n/a	602147850
Variospeed (V) electronics	●	●	●	●
2-speed gearbox	●	●	●	●
Quick-change chuck system	●	●	●	●
"AIR COOLED" battery pack	●	●	●	●
Planetary gearing	●	●	●	●
Electric brake	●	●	●	●
Reversing switch	●	●	●	●
LED Light	●	●	●	●
Lithium Ion battery pack voltage/capacity	18V/3.0Ah	18V/3.0Ah	18V/3.0Ah	18V/3.0Ah
	Plus Battery	Plus Battery	Extreme Battery	Extreme Battery
Spindle Lock for ease of tightening chuck	●	●	●	●
Dual range torque adjustment (inch lbs.)	13-31 / 31-114	13-31 / 31-114	13-31 / 31-114	13-31 / 31-114
Max tightening torque (inch lbs.)—Soft Case (continuous)	230	239	372	389
Hard Case (maximum)	531	549	850	885
Chuck Capacity	1/2"	1/2"	1/2"	1/2"
Capacity				
- in mild steel	1/2"	1/2"	1/2"	1/2"
- in softwood	1 3/16"	1 3/16"	2"	2"
- in brick/block	n/a	1/2"	n/a	1/2"
No-load speed (RPM)	0-400/0-1400	0-400/0-1400	0-400/0-1400	0-400/0-1400
Max. impacts/min.	n/a	0-28000	n/a	0-28000
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight	4.2 lbs.	4.4 lbs.	4.4 lbs.	4.6 lbs.
Shipping weight (ASC30 charger, 2 batteries)	13 lbs.	13.2 lbs.	13.2 lbs.	13.4 lbs.
Length	8"	8 1/8"	8 1/2"	8 7/8"
Carrying case	344453780 (standard)	344453780 (standard)	344453780 (standard)	344453780 (standard)
Standard Equipment:	Keyless chuck (636621000)	Keyless chuck (636621000)	Keyless chuck (636621000)	Keyless chuck (636621000)
	2-18V Li-Ion plus batteries (625457000)	Side handle (314001140)	Side handle (314001140)	Side handle (314001140)
	Charger (627058000)	2-18V Li-Ion plus batteries (625457000)	2-18V Li-Ion extreme batteries (625455000)	2-18V Li-Ion extreme batteries (625455000)
		Charger (627058000)	Charger (627058000)	Charger (627058000)



BHA18 LT / LTX
3/4" SDS Rotary Hammer



KHA24
3/4" SDS Rotary Hammer

Model #	BHA18 LT / LTX	KHA24
Order # with 2 Li-Ion batteries	n/a	600190520
Order # "Bare" Tool	600203850	n/a
Single blow energy (measured in joules)	1.8	2.2
Variospeed (V) electronics	●	
Vario tacho constamatic (VTC) electronics		●
Reversing switch	●	●
Metabo slip clutch	●	●
Rotation stop for chiseling		●
Metabo "CODE!" anti-theft system*		●
Battery pack voltage/capacity	Accepts 18V Plus or Extreme Li-Ion Batteries	25.2V/2.2Ah
Maximum Tightening Torque	80 inch lbs.	142 inch lbs.
Rubber coated rear handle	●	●
360° Anti-vibration side handle	●	●
Capacity		
- in concrete using solid bits	3/4"	3/4"
- in mild steel (using chuck adaptor)	3/8"	1/2"
- in softwood	7/8"	7/8"
No-load speed (RPM)	0-1100	0-1040
No-load blows per minute (BPM)	0-4900	0-4700
Tool weight	7.3 lbs.	8.1 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 (314001010) 2-25.2V batteries (625489000) Charger (627285000) Depth gauge (341511630)
Optional Equipment:	SDS-Plus to 1/2"-20 chuck adaptor (631285000) See page 29 for full range of SDS-Plus carbide bits Dust extraction kit (631600000)	SDS-Plus to 1/2"-20 chuck adaptor (631285000) See page 29 for full range of SDS-Plus carbide bits Dust extraction kit (631600000)
*To implement, requires purchase of accessory Code Key (See page 44) (See page 29 for SDS-Plus masonry bits)		



KSA18 LTX
18V Cordless Circular Saw



ASE18 LTX
18V Cordless Reciprocating Saw

Model #	KSA18 LTX
Order # w/ASC30 chgr and 2 Li-Ion batts.	602268420
Order # "Bare" Tool	602268850
Aluminum die-cast gear housing	●
Rubber-coated on/off switch	●
Ergonomic handle with rubber coating	●
RIP fence	●
Cutting depth indicator	●
"AIR COOLED" battery pack	●
Battery pack voltage/capacity (Extreme Battery)	18V/2.6Ah
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	9.5 lbs.
Shipping weight (ASC30 charger, 2 batteries)	11.2 lbs.
Length	12 3/16"
Standard Equipment:	2-18V Li-Ion extreme batteries (625459000) Charger (627058000)

Model #	ASE18 LTX
Order # w/ASC30 chgr and 2 Li-Ion batteries	602269520
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 (Extreme Battery)	18V/2.6Ah
ESCP: Electronic single cell protection	●
No-load speed (SPM)	0-2,700
Stroke length	1 1/16"
Tool weight	7.9 lbs.
Shipping weight (ASC30 charger, 2 batteries)	15.7 lbs.
Length	18"
Carrying case	344453830 (standard)
Standard Equipment:	3 Bi-metal saw blade assortment 2-18V Li-Ion extreme batteries (625459000) Charger (627058000)

(See page 109 for reciprocating saw blades)

COMBO 4.2
4-PC 18V Combo Kit



Model # COMBO 4.2
Order # w/ASC30 chgr and 2 Li-Ion batts. 685012420

Combo Kit also Includes:

SB18 LTX 18V Drill/Driver (602147850)
ASE18 LTX 18V Reciprocating Saw (602269850)
KSA18 LTX 18V Circular Saw (602268850)
ULA 14.4-18 18V Flashlight (602311000)
2-18V Li-Ion Extreme Batteries (625455000)
ASC30 Charger (627058000)
Tool Bag (316045020)





STA18
Cordless Jig Saw

NEW

Model #	STA18
Order # "Bare" Tool	602298850
"Quick" Toolless blade change	●
Die-cast aluminum gear housing	●
4-stage orbital blade stroke	●
Rubber coated rear 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 Plus or Extreme Li-Ion Batteries
Max material thickness	
- in wood	5 1/4"
- in non-ferrous metal	1 3/8"
- in sheet steel	3/8"
No-load strokes per minute (SPM)	0-2700
Tool weight (including battery pack)	6.2 lbs.
Shipping weight	7.4 lbs.
Length	8 1/2"
Carrying case	344454150

Standard Equipment:

Allen wrench (344161530)
Anti-splintering insert (343395480)
Protective base cover (343375130)



RC14.4-18
Cordless Jobsite Radio/Charger

NEW

Model #	RC14.4-18
Order #	602106420
Headphone jack	●
Rugged roll cage	●
12V outlet	●
Waterproof	●
Dustproof	●
High power speaker	●
illuminated digital tuner	●
Digital clock with 2 alarms	●
LED light	●
Auxillary input	●
Charger capacity	14.4-18V Li-Ion
Charging time	30 minutes
Station presets	10 (5-AM, 5-FM)





W18LTX
Cordless Angle Grinder

NEW

Model #	W18LTX
Order # "Bare" Tool	602170860
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	Accepts 18V Plus or Extreme Li-Ion Batteries
ESCP: Electronic single cell protection	●

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	6.5 lbs.
Length	13" (with battery)
Carrying case	344454180 (optional)

Standard Equipment:	Inner flange (341031290) Outer Nut (341101480) Spanner Wrench (623934000) Guard (339203480) Side handle (314000540) Dust Filter (343398890)
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Optional Equipment:	Type 1 cut-off wheel guard (630374000)
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ULA 14.4-18
Halogen Flashlight

Model #	ULA 14.4-18
Order #	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 625459000, 625469000	●
The lantern is supplied without battery pack or charger.	
Replacement bulb part #343074560	



Cordless Accessories

	Small bag for 2 tools/flashlight	Order # 316045370
	Rolling duffel bag for 4 tools/flashlight	316045020
	Code key For use with KHA24.	622500000
	1/4" bit holder 7/16" x 3" magnetic 1/4" bit holder 7/16" x 3" non-magnetic 1/4" bit holder - 3" - Quick release magnetic	665510300 630560000 344162490
	1/4" insert bit # 1 Phillips (limited clearance) 1/4" insert bit # 2 Phillips (limited clearance) 1/4" insert bit # 1 Phillips 1/4" insert bit # 2 Phillips 1/4" insert bit # 3 Phillips	655109000 655110000 655101000 655102000 655108000
	Nutsetter 1/4" x 2 9/16" magnetic Nutsetter 5/16" x 2 9/16" magnetic Nutsetter 3/8" x 2 9/16" magnetic Nutsetter 1/4" x 2 9/16" non-magnetic Nutsetter 5/16" x 2 9/16" non-magnetic Nutsetter 3/8" x 2 9/16" non-magnetic	655120000 655121000 655122000 655123000 655124000 655125000
	Nutsetter 1/4" x 1 1/8" magnetic Nutsetter 5/16" x 1 1/8" magnetic Nutsetter 3/8" x 1 1/8" magnetic	655126000 655127000 655128000
	Bit retention bushing Allows use of 1/4" hex bits when chuck is removed for close quarter work or full-time fastening. For use with BS18 LT, BS18 LTX, SB18 LT, SB18 LTX.	631281000
	Right angle drive attachment Drive Ratio: 1:1 Thread size: 1/2"x 20 UNF Weight: 1 1/4 lbs. Length: 4" 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.	631078000

Battery and Charger Compatibility						
						
Batteries	ASC30	ASC15	ACS15 Plus*	AC30 Plus	AS S15	LC60
	14.4V-18V	14.4V-18V	4.8V-18V	4.8V-18V	24V	7.2V
Order No.	627058000	627294000	627062000	627277000	627285000	627308000
Approx. Charging Time (1.4Ah bat.)	30 min.	15 min.	15 min.	30 min.	15 min.	60 min.
Lithium Ion						
LT/LTX models AIR-COOLED  Li-Plus/Li-Extreme  Li-Compact	Capacity	Item #				
	Li-Power Plus					
	18V, 2.6Ah	625457000				
	Li-Power Extreme					
	18V, 2.6Ah	625459000	X	X		
	Li-Power Extreme					
BSZ/SBZ models AIR-COOLED 	Capacity	Item #				
	12V, 2.2Ah	625486000				
	14.4V, 2.2Ah	625482000	X	X		
KHA24 model AIR-COOLED 	Capacity	Item #				
	25.2V, 2.2Ah	625489000			X	
PowerGrip II model 	Capacity	Item #				
	7.2V, 2.2Ah	625487000				X
NiCad						
BST/BSP/SBP models 	Capacity	Item #				
	12V, 1.4Ah	631747000				
	12V, 2.0Ah	631729000				
	15.6V, 2.4Ah	631749000	X*	X		
	18V, 1.25Ah	631739000				
	18V, 2.0Ah	631857000				
BSZ model AIR-COOLED 	Capacity	Item #				
	12V, 1.4Ah	625473000				
	12V, 2.0Ah	625474000				
	14.4V, 1.4Ah	625475000	X*	X		
	14.4V, 2.0Ah	625476000				
	18V, 1.4Ah	625477000				
	Capacity	Item #				
	4.8V, 1.25Ah	631858000**	X**	X**		
Use with Adaptor** shown.						
Adapter		Item # 631976000	X** = charge only with this adapter			
		Item # 627075000	Allows charging of AIR-COOLED BSZ, NI-CAD batteries in the ICS10, IC25, C60, C60 Car chargers. Allows charging older batteries 30069-30073, 31724-31725 in AC30, AC30 Plus and ACS15 Plus chargers			

*ACS15 Plus features refresh function that can restore capacity to "worn" Ni-Cad batteries



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 steels.



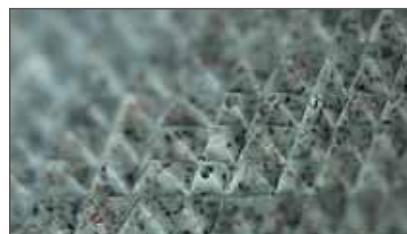
Time is money. Job by job, time saved is profit gained. Metabo tools are engineered just for that reason; to give the greatest return on your investment.

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 rates of cut 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

NEW

Model #	WE14-125 Inox Plus
Order #	602131420
Vario tacho constamatic (VTC) electronics	●
Long lasting 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.
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	625445000 (optional)

Standard Equipment:

- Side Handle (314000970)
- Wheel Guard (339203010)
- Inner Flange (341031290)
- Outer Nut (316023840)



SE12-115
Burnisher

Model #	SE12-115
Order #	602115620
Order # "Bare" Tool w/case	US602115110 NEW!
Maximum size	4.5" dia. x 4" length
Double insulated	●
Vario tacho constamatic (VTC) electronics	●
Long lasting motor	●
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.
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)



RBE12-180
Pipe / Tube Sander

NEW



KNSE12-150
Fillet Weld Grinder

NEW

Model # Order #	RBE12-180 602132620	KNSE12-150 602133620
Vario tacho constamatic (VTC) electronics	●	●
Long lasting 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	●	●
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

NEW

Model # Order #	BFE9-90 602134620
Vario constamatic (VC) electronics	●
Long lasting 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. Also available in 220V
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	344453900 (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)

(See page 134 for 220V tools)



Shown with optional backing pad
(655143000)

PE12-175
Variable Speed High Torque Mini Polisher

Model # Order #	PE12-175 602175420
Maximum pad diameter	7"
Double insulated	●
Vario tacho constamatic (VTC) electronics	●
Long lasting 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.
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 (630332000) Spindle extension (341513050)



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

Spray for stainless steel care



- Removes grease and helps prevent fingerprints
- Contents 400 ml

Order #
626377000

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

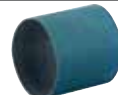
Expansion roller



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

Diameter inches	Order #
4" x 4"	623470000

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

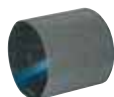
Nylon non-woven abrasive sleeves



- 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

Nylon 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

Order #
623508000



- 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

Order #
623509000

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 nylon web polishing rings, for example, 623508000

623522000

Polishing paste, blue



- For high-gloss polishing of all metals in conjunction with nylon 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"	2-3/4"

3 spacer rings



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

Order #
623511000

Sanding belt roll



- 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 belt driver



- 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

- Self-adhesive

626376000

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

Spray for stainless steel care



- For cleaning and preserving
- Contents 400 ml

626377000

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

Spray for stainless steel care



- For cleaning and preserving
- Contents 400 ml

Order #
626377000

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

	• 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 for curved surfaces	Order # 626379000
	• Suitable for sanding belts 1/4 x 18 in. • For sanding narrow areas, edges, deburring pipe and tube • Work on flat surfaces	626380000
	• Suitable for sanding belts 1/2 x 18 in. • For sanding edges, deburring pipes, sanding welds • Work on flat surfaces	626381000
	• Suitable for sanding belts 3/4 x 18 in. • For grinding edges and surfaces • Work on flat surfaces	626382000

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
--	--	-----------------------------

Spray for stainless steel care

	• For cleaning and preserving • Contents 400 ml	626377000
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Polisher Accessories

Hook and loop backing pads



- 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 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.

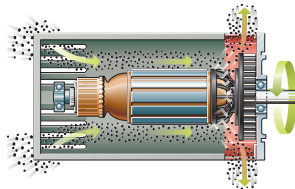
Ergonomic design
2 "comfort" zones for superior grip.

Metabo "Quick" spannerless wheel change system

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

Long lasting 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.



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.

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. (WE14- 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 76)

Twister 3 position rear handle for cutting/grinding

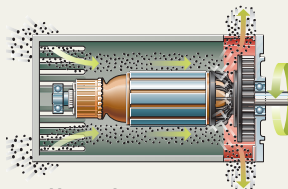
The Metabo twister handle turns 90 degrees in either direction, without tools.



WHY METABO?

German Engineering: Precision, Longevity, Performance and Safety

- **'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
- **'Long Life' 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 complete specifications

The right grinder for every application.

Type

Page

BASIC SERIES

Compact Class

Maximum grinding wheel dia.; 4 1/2"

Applications:

Edge grinding
Deburring
Weld grinding
Metal removal
Tile cutting



Rated input watts
680-780

W680 **NEW!**

63

W780 **NEW!**

63

WP780 **NEW!**

63

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") **NEW!**

72

W2000 (9") **NEW!**

72

PROFESSIONAL SERIES

Compact Class

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

Applications:

Wire brushing
Cutting medium-sized profiles
Welding preparation
Smoothing welded seams
Metal removal
Cutting tiles
Stone cutting, forming, polishing
Paint preparation



Rated input watts
850-1450

W8-115 Kit 64

W8-115 64

W8-115 Quick 64

WP8-115 Quick 65

W8-125 65

WP8-125 Quick 65

WE9-125 Quick 66

W11-125 Quick 66

WP11-125 Quick 67

W11-150 Quick 67

WP11-150 Quick 67

WE14-125 Plus 68

WE14-125 VS 68

WE14-150 Quick 68

WEP14-150 Quick 68

WA11-125 Quick 70

WEPA14-125 Quick 70

WEPA14-150 Quick 70

Intermediate Class

Maximum grinding wheel dia. 5" & 6"

Applications:

Cutting thick sections
Hard grinding
Heavy weld grinding



Rated input watts
1400

W14-125 Ergo 71

W14-150 Ergo 71

W14-150 Ergo (DM) 71

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 **NEW!** 73

W24-230 **NEW!** 73

W26-230 **NEW!** 73



W680
4 1/2" Angle Grinder

NEW



W780
4 1/2" Angle Grinder

NEW



WP780
4 1/2" Angle Grinder

NEW

Model # Order #	W680 606696420	W780 606701420	WP780 606711420
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.	14 inch lbs.
Maximum wheel diameter	4 1/2"	4 1/2"	4 1/2"
No-load speed (RPM)	11000	11000	11000
Amps	6.2	7.1	7.2
Rated input watts	680	780	780
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	4.4 lbs.	4.7 lbs.	4.7 lbs.
Shipping weight	5.8 lbs.	6.0 lbs.	6.1 lbs.
Length	10 7/8"	10 7/8"	10 7/8"
Carrying case	344454180 (optional)	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side Handle (314000540) Wheel Guard (339203660) Inner Flange (341031290) Face Spanner (623934000) Outer Nut (341101480)	Side Handle (314000540) Wheel Guard (339203660) Inner Flange (341031290) Face Spanner (623934000) Outer Nut (341101480)	Side Handle (314000540) Wheel Guard (339203660) Inner Flange (341031290) Face Spanner (623934000) Outer Nut (341101480)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630814000)	Type 1 Cut-off Wheel Guard (630814000)	Type 1 Cut-off Wheel Guard (630814000)

(See page 134 for 220V tools)



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
Long lasting 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. Also available in 220V	19.5 inch lbs. Also available in 220V
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	850	850	850
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) Wheel Guard (316035700) Inner Flange (341031290) Face Spanner (623934000) Outer Nut (341101480) 4 1/2" x .080 diamond blade	Side Handle (314000970) Wheel Guard (339202990) Inner Flange (341031290) Face Spanner (623934000) Outer Nut (341101480)	Side Handle (314000970) Wheel Guard (339202990) Inner Flange (341031290) Outer Nut (316023840)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630366000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630366000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630366000) 'Dust Director' Tuck Point Guard (655270000)

(See page 134 for 220V tools)



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
Long lasting 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 Also available in 220V	19.5 inch lbs Also available in 220V	19.5 inch lbs Also available in 220V
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	850	850	850
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) Wheel Guard (339202990) Inner Flange (341031290) Outer Nut (316023840)	Side Handle (314000970) Wheel Guard (339203010) Inner Flange (341031290) Outer Nut (341101480) Face Spanner (623934000)	Side Handle (314000970) Wheel Guard (339203010) Inner Flange (341031290) Outer Nut (316023840)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630366000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)

(See page 134 for 220V tools)



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



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

Model # Order #	WE9-125 Quick 600269420	W11-125 Quick 600270420
Vario constamatic (VC) electronics	●	
Long lasting 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. Also available in 220V	26.9 inch lbs. Also available in 220V
Maximum wheel diameter	5"	5"
No-load speed (RPM)	3000-10000	10000
Amps	8.5	9.6
Rated input watts	1000	1150
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) Wheel Guard (339203010) Inner Flange (341031290) Outer Nut (316023840)	Side Handle (314000970) Wheel Guard (339203010) Inner Flange (341031290) Outer Nut (316023840)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)

(See page 134 for 220V tools)



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
Long lasting 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. Also available in 220V	29.2 inch lbs Also available in 220V	29.2 inch lbs. Also available in 220V
Maximum wheel diameter	5"	6"	6"
No-load speed (RPM)	10000	9000	9000
Amps	9.6	9.6	9.6
Rated input watts	1150	1150	1150
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) Wheel Guard (339203010) Inner Flange (341031290) Outer Nut (316023840)	Side Handle (314000970) Wheel Guard (339203020) Inner Flange (341031290) Outer Nut (316023840)	Side Handle (314000970) Wheel Guard (339203020) Inner Flange (341031290) Outer Nut (316023840)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard 'Dust Director' Tuck Point Guard (655270000)

(See page 134 for 220V tools)



WE14-125 Plus
Electronic
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			●	●
Long lasting 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. Also available in 220V	29.2 inch lbs.	31 inch lbs. Also available in 220V	31 inch lbs. Also available in 220V
Maximum wheel diameter	5"	5"	6"	6"
No-load speed (RPM)	7000-10500	2800-10500	9000	9000
Amps	12.2	12.2	12.2	12.2
Rated input watts	1450	1450	1450	1450
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:	Side Handle (314000970) Wheel Guard (339203010) Inner Flange (341031290) Outer Nut (316023840)	Side handle (314000540) Wheel guard (339203010) Inner flange (341031290) Outer nut (341104800) Spanner Wrench (623934000)	Side handle (314000970) Wheel guard (339203020) Type 27 Inner flange (341031850) Outer nut (316023840) Flange Kit (316037200)	Side handle (314000970) Wheel guard (339203020) Type 27 Inner flange (341031850) Outer nut (316023840) Flange Kit (316037200)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630367000) '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)

Auto-balance Advantage

Metabo angle grinders have always been known for their longevity and low vibration due to the use of high quality, high performance components. Now with the introduction of our autobalancing system, our grinders are safer, more comfortable, and offer longer wheel life and even longer tool life!



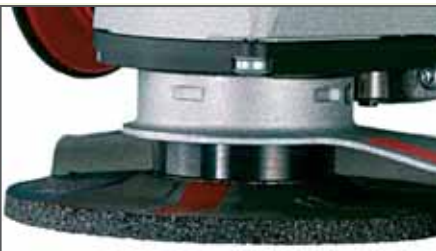
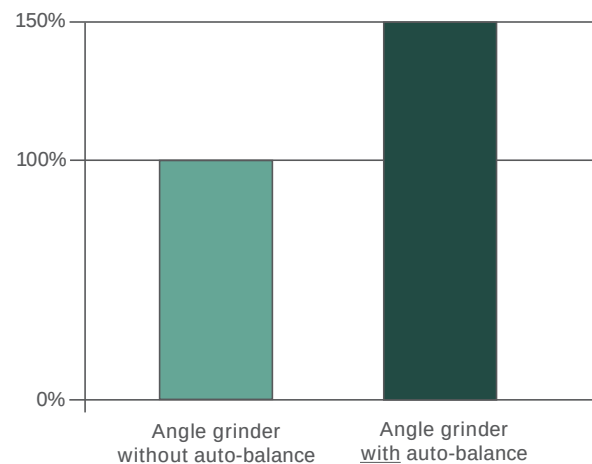
THE ANGLE GRINDER WITH THE LOWEST VIBRATIONS IN THE WORLD!

THE AUTOBALANCE ADVANTAGES



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

Grinding Disc Service Life



Auto-balance flange

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



For every action there is an equal and opposite reaction

The balls in the auto-balancer offset out of balance conditions present in the accessory, greatly reducing vibrations



The Metabo Safety Package

- Auto-balancer 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 # Order #	WA11-125 Quick 601101420	WEPA14-125 Quick 600304420	WEPA14-150 Quick 600305420
Tacho constamatic (TC) electronics		●	●
Long lasting 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. Also available in 220V	29.2 inch lbs. Also available in 220V	31 inch lbs. Also available in 220V
Maximum wheel diameter	5"	5"	6"
No-load speed (RPM)	10000	10000	9000
Amps	9.6	12.2	12.2
Rated input watts	1150	1450	1450
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) Wheel Guard (339203010) Outer Nut (316023840)	Side handle (314000970) Wheel guard (339203010) Outer nut (316023840)	Side handle (314000970) Wheel guard (339203020) Outer nut (316023840)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (630367000) 'Dust Director' Tuck Point Guard (655270000)	Type 1 Cut-off Wheel Guard (339203050) 'Dust Director' Tuck Point Guard (655270000)



W14-125 Ergo
5" Angle Grinder



W14-150 Ergo
6" Angle Grinder



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

Model # Order #	W14-125 Ergo 606250420	W14-150 Ergo 606251420	W14-150 Ergo 606251440
Maximum grinding wheel diameter	5"	6"	6"
Long lasting 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	●	●	●
Suitable for occasional DC use	●	●	●
Maximum Torque	44 inch lbs.	44 inch lbs. Also available in 220V	44 inch lbs.
Maximum wheel diameter	5"	6"	6"
No-load speed (RPM)	9700	9700	9700
Amps	12.0	12.0	12.0
Rated input watts	1400	1400	1400
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	8.1 lbs.	8.2 lbs.	8.2 lbs.
Shipping weight	10.1 lbs.	10.2 lbs.	10.2 lbs.
Length	15 1/2"	16"	16"
Carrying case	623874000 (optional)	623874000 (optional)	623874000 (optional)
Standard Equipment:	Side handle (314000970) Wheel guard (339203010) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)	Side handle (314000970) Wheel guard (339203020) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)	Side handle (314000970) Wheel guard (339203020) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)
Optional Equipment:	Type 1 Cut-off Wheel Guard (630367000)	Type 1 Cut-off Wheel Guard (339203050)	Type 1 Cut-off Wheel Guard (339203050)

(See page 134 for 220V tools)



W2000
7" Angle Grinder

NEW



W2000
9" Angle Grinder

NEW

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) Wheel guard (316045010)	Side handle (314000280) 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

NEW



W24-230
9" Angle Grinder

NEW



W26-230
9" Angle Grinder

NEW

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"
Long lasting 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. Also available in 220V	150 inch lbs. Also available in 220V	159 inch lbs. Also available in 220V
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) Wheel guard (339203270)	Side handle (314000960) Wheel guard (339203260)	Side handle (314000960) Wheel guard (339203260)

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

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

NEW

Model #	5" Angle Grinder Surface Prep Kit	7" Angle Grinder Surface Prep Kit
Order #	WE14-125 Plus w/Dust Control Shroud US600281800	W24-230 w/Dust Control Shroud US606448800
Order # (Kit with Vacuum)	US502033420	US702033421
Order # (Kit with HEPA Vacuum)	US502033800	US702033801
Vario tacho constamatic (VTC) electronics	●	
Long lasting 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) Wheel guard (339203010) Inner flange (341031290) Outer nut (316023840) Convertible Shroud (655153000)	Side handle (314000960) Wheel guard (339203260) Loop handle w/bolts (630342000) Convertible Shroud (655154000)

ASR 2050 HEPA Vacuum Cleaner



NEW

ASR 2050 Vacuum Cleaner

Model #	ASR 2050
Order #	602033420*
Order # (HEPA Version)	US602033800**
Easy change pleated polyester filter cassettes	●
Soft start	●
Automatic electromagnetic vibration filter cleaning	●
Stable design	●
Extra large rear wheels	●
Industrial front swivel casters	●
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	1200
Container capacity	13 gallons
Tool weight	39 lbs.

Standard Equipment:

Suction hose 1-1/2" x 16 ft (341148180)
Transport handle (341147640)
Vacuum wand (630867000)
Crevice tool (630323000)
Floor tool (630322000)
PVC collection bag (630325000)
Standard Filter (631934000)*
HEPA Filter (630326000)**

Optional Equipment:

Paper dust bag(s) (631936000)

Current Control

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



G500
27,000 RPM
Die Grinder



GE700
Variable Speed
7,000-27,000 RPM
Die Grinder



GE900 Plus
Variable Speed
2,500-6,000 RPM High Torque
Die Grinder

Model #	G500	GE700	GE900 Plus
Order #	606301420	606303420	606305420
Order # (non-locking deadman switch)	n/a	US606303760	n/a
Double insulation	●	●	●
Extended spindle which allows working into confined areas		●	●
High torque through the reduction gear			●
Auto-stop carbon brushes	●	●	●
Vario-constamatic (VC) electronics		●	●
Suitable for occasional DC use	●		
Maximum Torque	6 inch lbs.	9 inch lbs.	27 inch lbs.
No-load speed (RPM)	27000	7000-27000	2500-6000
Amps	4.4	6.2	7.5
Rated input watts	500	710	900
Collet bore	1/4"	1/4"	1/4"
Tool weight	3.7 lbs.	4.6 lbs.	5.3 lbs.
Shipping weight	4.5 lbs.	5.5 lbs.	6.2 lbs.
Length	9"	13"	14"
Carrying case	655077000 (optional)	655077000 (optional)	655077000 (optional)
Standard Equipment:	Collet wrench (623902000) Spindle wrench (344162400) 1/4" collet (631949000)	Collet wrench (623902000) 1/4" collet (631949000)	Collet wrench (623902000) 1/4" collet (631949000) Side handle (631052000)
Optional Equipment:	1/8" collet (631948000)	1/8" collet (631948000)	1/8" collet (631948000)

(See page 102 for carbide burs)

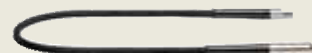
Accessories



**627354000 Bench Mount
Stand** For working with
the flex shaft



627107000 Clamp
For attaching 627354000 to
work bench



630980420 Flex Shaft

- 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 7,500 to 30,000 RPM (Not for use on tools running less than 7,500 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

Accessories



623934000 Straight spanner
623910000 Offset spanner



314000970 Vibratex anti-vibration
side handle for 4 1/2"-6" angle
grinders

314000960 Vibratex anti-vibration
side handle for 7"-9" angle grinders



6303420000 Loop handle for
7" - 9" angle sander & grinders
141110390 bolts to attach
loop handle (2 required), sold
separately



655169000 4" cut-off wheel guard for
GE700 and GE900 Plus die grinders



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
GE700 and GE900 Plus 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.



Dustless Convertable Shroud for
concrete surface prep

655154000 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 59-64).



Collets for die grinders G500, GE700
and GE900 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



630332000 hand guard for use on
all polishers, angle sanders and
grinders.



'Dust Director' tuck pointing guard
Accepts 4", 4 1/2" 5" and 6"
diameter diamond blades. Port is 2".
Not for use with Type 1 or Type 27
bonded abrasives.
Swivels when approaching an
inside corner.
(See information under specific
model, pages 63-71).

MAXIMUM CUTTING DEPTH 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.

655154000 For W7, W10 and
earlier WE14 small grinders.



Quick release adjustable vise adds versatility.

CS23-355
14" Chop Saw



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"
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	●
Long lasting motor	●
Tacho-contamatic (TC) electronics	●
Winding Protection Grid	●
Metabo Slip Clutch	●
Adjustable handle	●
Maximum torque	31 in/lbs
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 4 spacer rings (341012140) clamping nut (341101650) support handle (314000540) hex key (344161520) spanner wrench (23934) chisel (344147650)
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PWE11-100
Wet Polisher

NEW



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	●
Long lasting motor	●
Standard 1/2" quick connect	●
Ergonomic adjustable D-handle	●
Electronic winding temperature monitor with LED display	●
Current interruption protection	●
GFCI included for electrical safety	●
Auto-stop carbon brushes	●
Electronic soft start feature	●
Electronic speed stabilization	●
Maximum torque	34 inch lbs.
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 (316045370)



DS175
7" Bench Grinder

NEW



DS200
8" Bench Grinder

NEW



DSD250
10" Bench Grinder

NEW

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.
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	3/4"	1-1/4"	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 3/4") 60 Grit Wheel (7" x 1" x 3/4")	Hex Wrench 36 Grit Wheel (8" x 1-1/4" x 1-1/4") 60 Grit Wheel (8" x 1-1/4" x 1-1/4")	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



623860000 Wall Mount Bracket
Suitable for 7" or 8" bench grinders.

(See page 120 for 220V tools)

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:

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
655747000	5 x 1/4 x 5/8-11	A 36 O	Steel / Stainless Steel	12,300	25
655786000	5 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless 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
655654000	6 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	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
616610000	7 x 1/4 x 7/8	A 36 O	Stainless Steel	8,500	10
616788000	7 x 1/4 x 7/8	ZA 24 T	Steel / Stainless 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
616279000	9 x 1/4 x 7/8	A 24 T	Steel	6,600	10
616622000	9 x 1/4 x 7/8	A 36 O	Stainless Steel	6,600	10
616789000	9 x 1/4 x 7/8	ZA 24 T	Steel / 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
616282000	7 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	8,500	10
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 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
616305000	4 x 3/32 x 5/8	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
655312000	5 x 3/32 x 5/8-11	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
616301000	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
616303000	9 x 1/8 x 7/8	C 30 S	Masonry / Non-Ferrous	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!*

.040 Thick, A60TZ

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



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

.045" Thick, A60XL

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.



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

.045 Thick, A60TX

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.



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

Extreme Performance Engineered Wheel .045 Thick, A60XP

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.

Selecting the Right Slicer Saves You Time and Money

	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
 FAST CUT ORIGINAL SLICER	■	■	■	■
 LONG LIFE ORIGINAL SLICER	■	■	■	■
 QUICK & TOUGH SLICER-PLUS	■	■	■	■
 CONTAMINANT-FREE SUPER-SLICER	■	■	■	■

■ INDICATES THE WHEEL TO CHOOSE FOR BEST OVERALL COST-EFFICIENCY

CHOICE CUTS™

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



FOUR DIFFERENT SLICER WHEELS SAVE YOU TIME AND MONEY!

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

Note: See next page for additional Choice Cuts Wheels.

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
655326000	4 x 1/16 x 1/4	A 60 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 36 TZ	Steel / Stainless Steel	10,200	25
655343000	6 x 1/16 x 5/8	A 60 TZ	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
616335000	8 x 1/8 x 5/8-Dm	A 30 S	Steel / Stainless Steel	7,600	10
616336000	8 x 1/8 x 5/8-Dm	C 30 S	Masonry / Non-Ferrous	7,600	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.
- 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.
- 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
616138000	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 Cutting Wheels - Walk Behind Street Saws



Spec.

- 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 cured concrete. Good cutting rate. Good wheel life. Used wet or dry.

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616350000	14 x 3/16 x 1 (with pin hole)	C 24 N	Concrete	4,400	10

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
616211000	14 x 1/8 x 1	A 30 V	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
655422000	10 x 1-1/2 x 1-1/4	A 24	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
655425000	12 x 2 x 1-1/2	A 24	2,070	1
655426000	12 x 2 x 1-1/2	A 36	2,070	1
655427000	12 x 2 x 1-1/2	A 60	2,070	1
655428000	14 x 2 x 1-1/2	A 24	1,775	1
655429000	14 x 2 x 1-1/2	A 36	1,775	1
655430000	14 x 2 x 1-1/2	A 60	1,775	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"			■	■	
	12"	1-1/2"					■
	14"	1-1/2"					■
Replacement bushings for bench wheels	Item #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
655443000	10 x 1 x 1-1/4	C 60	2,485	1
655444000	10 x 1 x 1-1/4	C 80	2,485	1
655445000	10 x 1 x 1-1/4	C 120	2,485	1

Type 27 & 29 Zirconia Alumina Flap Discs

Spec.

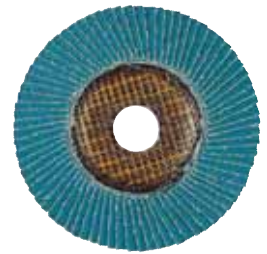
Zirconia alumina grain delivers extremely long life with very aggressive stock removal and excellent blending capabilities. Use for steel, stainless steels, and non ferrous metals.

Standard

Long life with aggressive stock removal and good blending properties.

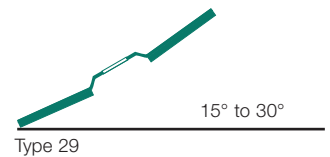
High Density

Extended life with good stock removal and enhanced blending properties especially on contoured surfaces.

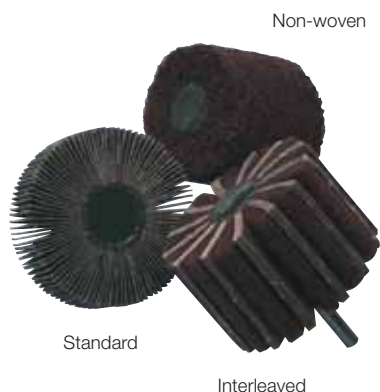


Type 27 & 29 - Standard Style and High Density

Size / Spec.	Type 27	Type 27 HD	Type 29	Type 29 HD	Max. RPM	Pcs./Pkg.
4-1/2 x 7/8 - ZA36	656375000		656383000		13,300	10
4-1/2 x 7/8 - ZA40	624246000	656440000	624241000	656392000	13,300	10
4-1/2 x 7/8 - ZA60	624247000	656441000	624243000	656393000	13,300	10
4-1/2 x 7/8 - ZA80	624248000	656442000	624244000	656394000	13,300	10
4-1/2 x 7/8 - ZA120	656425000		656427000	656429000	13,300	10
4-1/2 x 5/8-11 - ZA40	656376000		656384000		13,300	10
4-1/2 x 5/8-11 - ZA60	656377000		656385000		13,300	10
4-1/2 x 5/8-11 - ZA80	656378000		656386000		13,300	10
4-1/2 x 5/8-11 - ZA120	656426000		656428000		13,300	10
6 x 7/8 - ZA40			656430000		10,200	10
6 x 7/8 - ZA60			656431000		10,200	10
6 x 7/8 - ZA80			656432000		10,200	10
6 x 7/8 - ZA120			656433000		10,200	10
6 x 5/8-11 - ZA40			656434000		10,200	10
6 x 5/8-11 - ZA60			656435000		10,200	10
6 x 5/8-11 - ZA80			656436000		10,200	10
6 x 5/8-11 - ZA120			656437000		10,200	10
7 x 7/8 - ZA36	656379000		656387000		8,600	10
7 x 7/8 - ZA40	624356000		624256000	656395000	8,600	10
7 x 7/8 - ZA60	624358000		624258000	656396000	8,600	10
7 x 7/8 - ZA80	624359000		624259000	656397000	8,600	10
7 x 5/8-11 - ZA40	656380000		656389000		8,600	10
7 x 5/8-11 - ZA60	656381000		656390000		8,600	10
7 x 5/8-11 - ZA80	656382000		656391000		8,600	10



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.

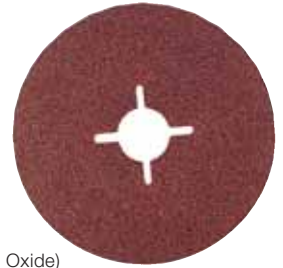
Aluminum Oxide (A) - General purpose disc for grinding steel and other ferrous metals. Good cutting rate and excellent life.

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

Small Grinders

	Disc Size	Aluminum Oxide		Zirconia Alumina	
		Grit	Slotted Order #	Grit	Non-Slotted Order #
Backing Pads	623283000	4-1/2 x 7/8	A16 624135000	ZA16	
		4-1/2 x 7/8	A24 624136000	ZA24	656350000
		4-1/2 x 7/8	A36	ZA36	656351000
		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
		4-1/2 x 7/8	A80 624139000	ZA80	656354000
		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	
		4-1/2 x 7/8	A180 624143000	ZA180	
	623284000	5 x 7/8	A16 624223000	ZA16	
		5 x 7/8	A24 624218000	ZA24	656355000
		5 x 7/8	A36	ZA36	656356000
		5 x 7/8	A40 624219000	ZA40	
		5 x 7/8	A50 624217000	ZA50	656357000
		5 x 7/8	A60 624220000	ZA60	656358000
		5 x 7/8	A80 624221000	ZA80	656359000
		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)



Large Grinders

	Disc Size	Aluminum Oxide		Zirconia Alumina	
		Grit	Slotted Order #	Grit	Non-Slotted Order #
Backing Pads	623281000	7 x 7/8	A24 624103000	ZA24	656360000
		7 x 7/8	A36	ZA36	656361000
		7 x 7/8	A40 624104000	ZA40	
		7 x 7/8	A50 624102000	ZA50	656362000
		7 x 7/8	A60 624105000	ZA60	656363000
		7 x 7/8	A80 624106000	ZA80	656364000
	623282000	7 x 7/8	A100 624107000		
		9 x 7/8	A24 624227000	ZA24	656365000
		9 x 7/8	A36	ZA36	656366000
		9 x 7/8	A40 624228000		
		9 x 7/8	A50 624237000	ZA50	656367000
		9 x 7/8	A60 624229000	ZA60	656368000
	9 x 7/8	A80 624230000	ZA80	656369000	
		A100 624231000			

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



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"

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

Pressure Sensitive Abrasive Discs (PSA) - Closed Coat

Aluminum Oxide

Order #	Size	Spec.	Application	Pcs/Pkg
656400000	5" diameter	A 80	Steel / Stainless Steel	50
656401000	5" diameter	A 100	Steel / Stainless Steel	50
656402000	5" diameter	A 120	Steel / Stainless Steel	50
656403000	5" diameter	A 180	Steel / Stainless Steel	50
656404000	5" diameter	A 220	Steel / Stainless Steel	50
656405000	5" diameter	A 240	Steel / Stainless Steel	50
656406000	5" diameter	A 320	Steel / Stainless Steel	50
656407000	5" diameter	A 400	Steel / Stainless Steel	50
656408000	6" diameter	A 80	Steel / Stainless Steel	50
656409000	6" diameter	A 100	Steel / Stainless Steel	50
656410000	6" diameter	A 120	Steel / Stainless Steel	50
656411000	6" diameter	A 180	Steel / Stainless Steel	50
656412000	6" diameter	A 220	Steel / Stainless Steel	50
656413000	6" diameter	A 240	Steel / Stainless Steel	50
656414000	6" diameter	A 320	Steel / Stainless Steel	50
656415000	6" diameter	A 400	Steel / Stainless Steel	50



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
655206000	2-3/4"	M14-2.0	0.012 carbon stl crimped	12,500	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
655132000	6" X 5/16"	5/8"-11	0.020 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

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 - Wet or Dry Use

Spec.

GT 300 - - - Continuous rim diamond wheel for wet or dry cutting of most types of masonry, stone, brick or marble materials. Provides a smooth clean cutting action.

Turbo

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
656600000	4" x .080" x 7/8"- 5/8"	GT300	Concrete, Pavers & Brick	15,300	1
656601000	4-1/2" x .080" x 7/8"- 5/8"	GT300	Concrete, Pavers & Brick	13,300	1
656602000	5" x .080" x 7/8"- 5/8"	GT300	Concrete, Pavers & Brick	12,200	1
656603000	6" x .090" x 7/8"- 5/8"	GT300	Concrete, Pavers & Brick	10,200	1
656604000	7" x .080" x 5/8" Dm	GT300	Concrete, Pavers & Brick	8,500	1
656605000	8" x .080" x 5/8" Dm	GT300	Concrete, Pavers & Brick	7,600	1



Spec.

GS 300 - - - General purpose for rapid wet or dry cutting in all types of masonry materials. Cool cutting with very long life.

Segmented

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
628156000	4-1/2" x .080 x 7/8"-5/8"	GS300	Concrete, Pavers & Brick	13,300	1
656613000	7" x .080 x 7/8"-5/8"	GS300	Concrete, Pavers & Brick	8,500	1
628142000	5" x .080 x 7/8"	GS300	Concrete, Pavers & Brick	12,200	1



Spec.

GTP 300 - - - Specially formulated for fast efficient removal of mortar joints in brick, block or stone. Provides rapid crack chasing capability.

Tuckpoint/Crack Chaser

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
656610000	4" x .250" x 7/8"-5/8"	GTP300	Removal of mortar joints	15,300	1



Spec.

GPC 300 - - - Designed for aggressive surface finishing on all cured concrete surfaces. Use wet or dry.

Cup

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
656611000	4" single row x 7/8"-5/8"	GPC300	Cured concrete	15,000	1



Carbide Burs - Double Cut



Spec.

Double cut solid carbide burs 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





Ku6872
16 Gauge Shear



Ku6870
12 Gauge Shear



Kn6875
14 Gauge Nibbler

Model # Order #	Ku6872 606872420	Ku6870 606870420	Kn6875 606875420
Double insulation	●	●	●
Compact tool; suitable for "one hand" operation	●	●	●
Metal strip on top of body serves as rest when tool is not in use	●	●	●
Auto-stop brushes	●	●	●
Allows burr-free shearing, edge trimming and cutting of sheet metals and plastics	●	●	
Blades with four cutting edges require no resharpener or readjustment	●	●	
Accurate cutting through heavy-duty cutting head with drop forged, hardened and ground base	●	●	
Suitable for cutting all types of sheet metal without deformation of the material.			●
Tool can pivot 360° while cutter head is in operation			
The guide pin of the punch is guided concentrically relative to the die insuring long service life of the cutting tools and very accurate cuts			●
Suitable for occasional DC use	●	●	●
Maximum Torque	26.5 inch lbs.	53 inch lbs.	53 inch lbs.
Capacity			
- in mild steel	16 GA	12 GA	14 GA
- in mild stainless steel	18 GA	14 GA	16 GA
Amps	5.2	5.2	5.2
Input watts	550	550	550
No-load strokes per minute (SPM)	5300	3000	3000
Minimum cutting radius	5/8"	3/4"	3/16"
Replacement blades	31042	30201	n/a
Replacement punch	n/a	n/a	30202
Replacement die	n/a	n/a	30203
Optional die for corrugated	n/a	n/a	30204
Tool weight	4.8 lbs.	6.0 lbs.	4.9 lbs.
Shipping weight	7 lbs.	9 lbs.	7 lbs.
Length	9"	11"	11"
Carrying case	655077000 (optional)	655077000 (optional)	655077000 (optional)
Standard Equipment:	Allen wrenches (344161540) (344161570)	Allen wrenches (344160780) (344160770)	Allen wrench (344161530)
Optional Equipment:	Bench clamp (627107000)	Bench clamp (627107000)	Die for corrugated sheet metals (630204000) Bench clamp(627107000)



CUT WITH CONFIDENCE

The capacity of a power tool depends on the technical quality built into the tool and the selection of the right accessories. Metabo saws are versatile and all Metabo tools can be outfitted with high quality accessories that fit the tool perfectly and make your job easier. **Metabo. Work. Don't play.**



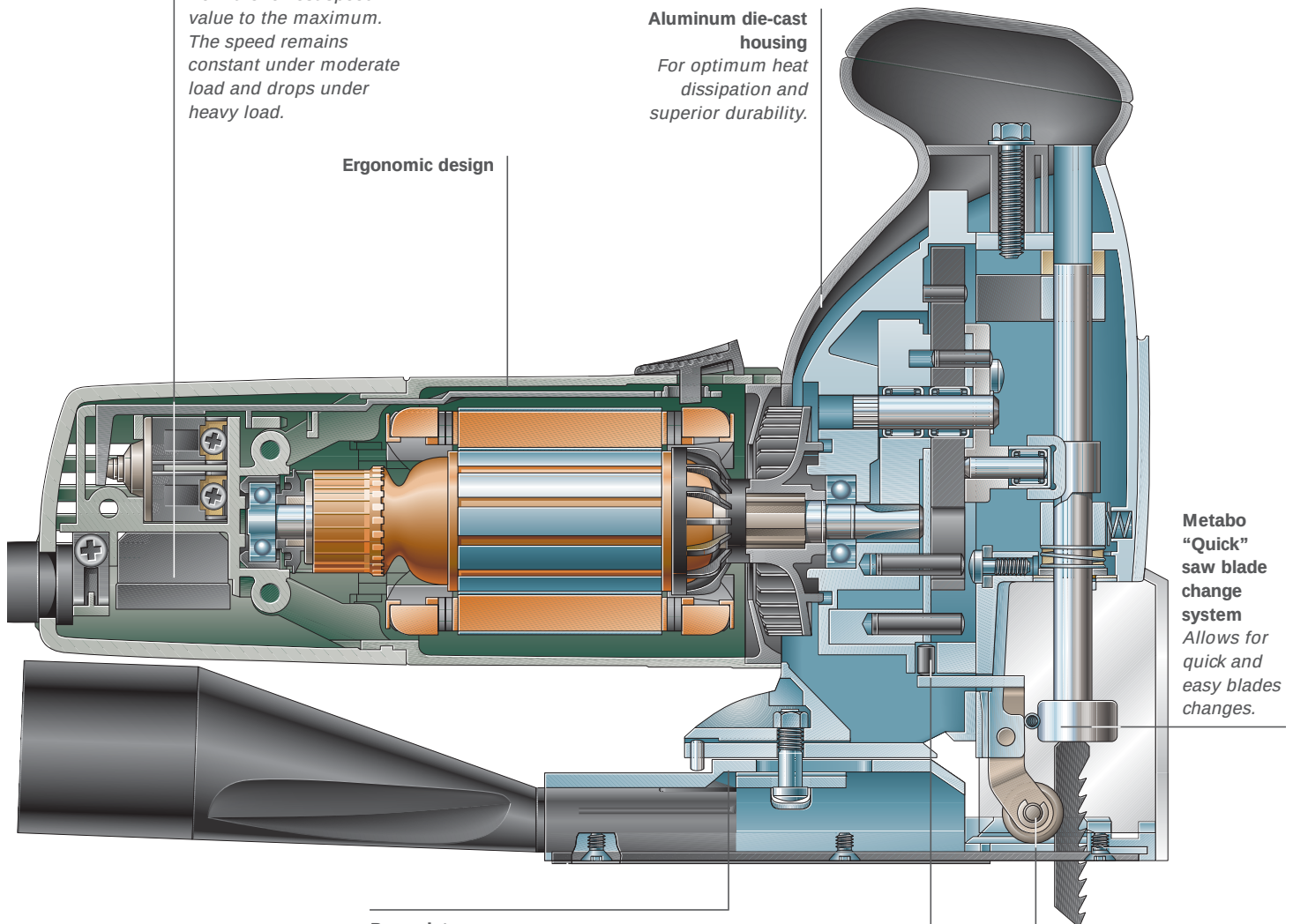
**Vario Constamatic (VC)
Full-wave Electronic
Speed Control**

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.

Ergonomic design

Aluminum die-cast housing

For optimum heat dissipation and superior durability.



**Metabo
"Quick"
saw blade
change
system**
Allows for quick and easy blades changes.

Base plate
*Suitable for bevel cuts
15°, 30° & 45°*

Orbital saw-blade movement for cutting
Allows for quick and clean cuts because chips are cleared more efficiently from the teeth of the blade. The saw blades have a longer working life as they are lifted away from the work on the non-cutting downward stroke, thus reducing friction.

Grooved needle-bearing roller-guide
Prevents the blade from wandering, allowing for truer cuts.



Double insulation

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



Powerful for continuous professional operation

The 720 Watt electronic oscillating jigsaws enable cuts of up to 5 1/4" thick in wood.

Straight or circular cuts

Additional accessories such as circular guide, shoe cover or anti-splintering insert expand the spectrum of tasks the Metabo jigsaws can accomplish.

Vario Constamatic (VC) full-wave electronics

The number of strokes can be adapted to the material to be cut. For metals, e.g. it is low, for wood it is high.



STEB135 Plus
Variable Speed Jig Saw
with Orbit

Model # Order #	STEB135 Plus 611000620
Vario constamatic (VC) electronics	●
Aluminum die-cast gear housing	●
Variable speed controlled by adjusting dial	●
Electronic speed stabilizer	●
Orbital saw-blade movement for fast cutting	5-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 15, 30 & 45°	●
Clear front cap and rear outlet for vacuum assisted dust collection	●
Uses "European" 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	●
Maximum Torque	62 inch lbs.
Maximum thickness of material	
- wood	5 1/4"
- non-ferrous metal	1 3/8"
- sheet steel	3/8"
Amps	6.1
Rated input watts	720
No-load speed (SPM)	1000-3000
Length of stroke	1"
Orbital	5 position
Tool weight	6.2 lbs.
Shipping weight	10.6 lbs.
Length	10 1/2"
Carrying case	344454150 (standard)
Standard Equipment:	Allen wrench (344161530) Anti-splintering insert (623665000)

(See page 108 for blades)



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.



623443000 Saw Blade Lubrication Stick
(2" x 8") Useful when cutting softer metals.

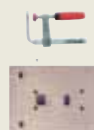


623665000 Anti-splintering Insert
These inserts fit into the sole plate around the blade and dramatically reduce splintering during cutting or ripping operations. (3 inserts per pack)



630318000 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.

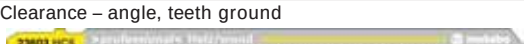
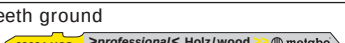
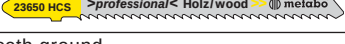
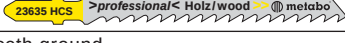
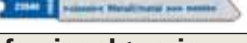


623689000 Jig Saw Table
Jig saw table (10" x 7 1/4"). Includes mounting clamp. For use with all Metabo Jigsaws.



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

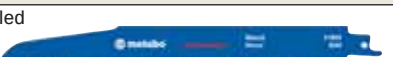
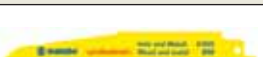
These blades fit : Metabo, AEG, Atlas Copco, Black & Decker, Bosch, DeWalt, Elu, Festo, Hitachi, Holz-Her, Kress, Makita, Skil ...

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"	progressive	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"	progressive	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"	progressive	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" in., plastics, 1/8"-4" in.	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



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.

Quick grip system

For quick and easy change of sanding paper.

Dust sealed ball bearings

Longer service life due to optimum dust protection.

Oscillating plate made of die-cast Aluminum

More robust material provides for longer service life.

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. Particularly suitable for sanding inner and outer curves. Small backing pad diameter and low housing shape for sanding at places difficult to reach. 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) Assorted sanding paper

Dual Orbit Settings:

- 1/8" orbit for fine finishing
- 1/4" orbit for fast stock removal



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) 5 cling-fit sanding discs Intermediate disc (624061000)
Optional Equipment:	Vacuum hose (631592000) Vacuum adaptor (630316000)

Pre-cut sandpaper for Metabo finishing sanders

1/3 sheet paper
(not pre-drilled)
(10 sheets per pack)

Cat. No.	Spec.
624328000	A40
624329000	A60
624330000	A80
624331000	A100
624332000	A120
624333000	A180
624334000	A240

1/3 sheet paper (pre drilled
for integral dust collection)
(10 sheets per pack)

Cat. No.	Spec.
624480000	A40
624481000	A60
624482000	A80
624483000	A100
624484000	A120
624485000	A180
624486000	A240

1/2 sheet paper
(not pre-drilled)
(10 sheets per pack)

Cat. No.	Spec.
624365000	A40
624366000	A60
624367000	A80
624368000	A100
624370000	A180

FSR200
"Cling fit" sanding paper
For dry sanding of wood
1/4 sheet paper
(10 sheets per pack)

Cat. No.	Spec.
625619000	A40
625620000	A60
625621000	A80
625622000	A100
625623000	A120
625624000	A180
625625000	A240
625626000	A320
625627000	A400

FSR200
"Cling fit" sanding paper
For dry sanding; non loading
for paint, varnish, filler
1/4 sheet paper
(10 sheets per pack)

Cat. No.	Spec.
625639000	A40
625640000	A60
625641000	A80
625642000	A100
625643000	A120
625644000	A180
625645000	A240
625646000	A320

SXE450 Accessories



Backing Pads
6" medium hard (6 hole)
6" soft (6 hole)
PSA Pad-6" (6 hole)

Order #
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	6" (6 hole)
A40	624001000
A60	624002000
A80	624003000
A100	624004000
A120	624005000
A180	624006000
A240	624007000
A320	624008000
A400	624009000

(packs of 25)

	6" (6 hole)
A40	624019000
A60	624020000
A80	624021000
A100	624022000
A120	624023000
A180	624024000
A240	624025000
A320	624026000
A400	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" lambs-wool polishing disc

6"

631217000



"Cling-fit" felt polishing disc (hard)

6"

631168000



"Cling-fit" non-woven abrasive disc

Grit
A100
A280

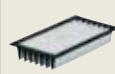
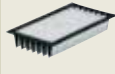
6"
624038000
624039000



"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						
	5"		631216000		Vacuum Hose 6' x 1 1/2" diameter and 2 1/4" vacuum connection. Tapered end fits directly into tool's extraction port.		630318000
	"Cling-fit" Sanding Discs (packs of 5) Grit A40 A60 A80 A100 A120 A180 A240 A320 A400 (packs of 25) A40 A60 A80 A100 A120 A180 A240 A320 A400		5" (8 hole) 631226000 631227000 631228000 n/a 631229000 631230000 631231000 631236000 631237000 5" (8 hole) 631584000 631585000 631586000 n/a 631587000 631588000 631589000 631596000 631597000		Vacuum Hose 10' x 1 1/2" diameter and 2 1/4" vacuum connection. Tapered end fits directly into tool's extraction port.		631362000
					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
					1/3 Sheet Paper Punch (for SR356)		631148000
					1/2 Sheet Paper Punch (for SR358) * Integral dust collection requires the use of punched sandpaper		631149000
	5" Sanding Assortment Package includes: 10 Pieces- 10 Pieces- 5 Pieces-		631583000 P 60 P 80 P 120		Pleated Dust Filter (For use with the 631981000)		631980000
	"Cling-fit" Polishing Sponge				Dust Collector Cartridge (for SR20-23)		631981000
	5"		631222000		Vacuum Adptr 1-1/4" (for FSR200 and FSX200)		626996000
	"Cling-fit" Lambs- Wool Polishing Disc				Intec Dust Collector w/Filter (for FSR200 and FSX200)		625601000
	5"		631223000				
	"Cling-fit" Felt Polishing Disc (hard)				Replacement Filter for 625601000		625602000
	5"		631242000				
	"Cling-fit" Non- woven Abrasive Disc						
	Grit A100 A280		5" 631238000 631239000				
	"Cling-fit" Abrasive Mesh (A100, 3 pack)						
	5"		631215000				

SXE400 Accessories	
	Order # 624061000
	624064000
	624092000
	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 624041000 624042000 624043000 624044000 624045000 624046000 624047000 624048000 624049000 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 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



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	710 watts
Amps	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)

Paint Remover Accessories



630318000 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.



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



631865000 Parallel Stop





Back View
of Heat Gun

H16-500
2-Stage Variable Temperature
Heat Gun

NEW



Back View
of Heat Gun

HE20-600
Electronic 3-Stage Variable
Temperature Heat Gun

NEW



Back View
of Heat Gun

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

NEW

Model # Order #	H16-500 601650420	HE20-600 602060420	HE23-650 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	2000	2300
Air Flow	8.5/15.9 CFPM	5.3/10.6/17.7 CFPM	5.3-8.8/5.3-17.7 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	655077000 (optional)	655077000 (optional)	655077000 (optional)

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 (HE2000 only)



630006000 Slit Nozzle
Lap welding of PVC tarpaulins and sheeting (requires 630005000)



630009000 Speculum Welding
Butt welding plastics heater (requires 630005000)

Planer Accessories



630565000 Rustic Cut Planer Blade Kit

These reversible carbide blades will give your planed surfaces a rough, hand hewn look. The kit allows any Metabo planer to use these specialty blades. Replacement blades are available (630566000, set of 2 blades).



630888000 Chip Bag

The chip bag accessory is convenient for small planing jobs occurring in a clean environment.
(For 600882420, 0883 and 8382)



627107000 Universal Clamp

This clamp is required in order to use many Metabo accessories. It secures bench mount stands and tools to work surfaces. This clamp fits any Metabo accessory requiring a clamp.



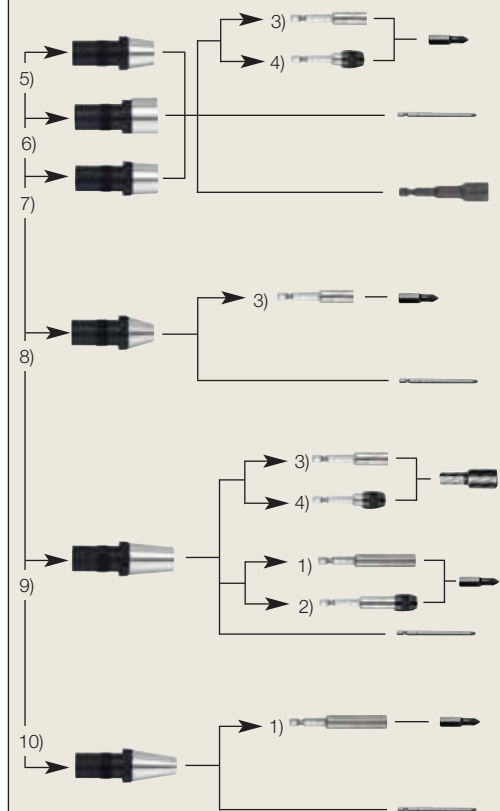
630318000 Vacuum Hose

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.

Screwdriver Accessories



Depth stop sleeves	Length	Inside Diameter	Order #
	5) 2 3/8"-3"	11/16"	625352000*
	6) 2 3/8"-3"	1 11/32"	625354000
	7) 2 3/8"-3"	15/16"	625353000
	8) 2 3/8"-3"	15/32"	625351000
	9) 3"-3 5/8"	13/16"	625356000
	10) 3"-3 5/8"	15/32"	625355000

The 625352000* is standard equipment on the DWSE6.3

Bit holders

with 1/4" hexagon shank

	1) magnetic, 3" long non-magnetic, 3" long	655103000 630560000
	2) magnetic, with quick action coupling, 3" long	344162490
	3) magnetic, 2 1/4" long non-magnetic, 2 1/4" long	655105000 655104000*
	4) magnetic, with quick action coupling, 2" long	625357000

The 655104000* is standard equipment on the DWSE6.3

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

- New 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

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	J33	635119000
No. 2	J6	635121000
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"	5/8" - 16 NF	29	636352000
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
1/8"-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 27 for rotary hammer quick-change chucks)

344454090
344454110
344454120
344454130
344454140
344454150
344454180



344453220
344453550



631396000
631397000



344452990
623898000



631382000



623874000



344452710
344453630
344453760



623894000



655077000



656304000



Item No.	Material	L x H x D	Use
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 4-1/3	Drills and Hammer Drills w/ Aluminum Gear Housings
344454120	Plastic	15-1/4 x 12-1/2 x 4-1/4	KHE-D24 / KHE-D28 / ASE18
344454130	Plastic	15-1/4 x 12-1/2 x 4-1/5	BHA18
344454140	Plastic	15-1/4 x 12-1/2 x 4-1/5	LF724
344454150	Plastic	15-1/4 x 12-1/2 x 4-1/6	Jig Saws
344454180	Plastic	15-1/4 x 12-1/2 x 4-1/7	4-1/2" and 5" Angle Grinders
344453220	Plastic	11-1/2 x 11-3/8 x 4	Power Max
344453550	Plastic	11-1/2 x 11-3/8 x 5	PowerGrip II
631396000	Steel	15-5/8 x 8 x 4-3/4	Finishing Sanders
631397000	Steel	15-1/2 x 7 x 5-1/8	Small Angle Grinders
344452990	Plastic	12-1/4 x 11-3/4 x 4-1/4	BE561 / SBE561
623898000	Plastic	12-1/4 x 11-3/4 x 4-1/5	BE561 / SBE562
631382000	Steel	15 x 7-1/2 x 9	Planer
623874000	Steel	26-1/2 x 6-1/2 x 11	Intermediate and Large Angle Grinders
344452710	Plastic	24 x 16 x 6-1/2	KHE54/55/75 MHE 65
344453630	Plastic	24 x 16 x 6-1/2	KHE56
344453760	Plastic	25 x 16 x 6-1/2	KHE76
623894000	Plastic	20 x 11 x 6-1/2	SXE450
655077000	Steel	15 x 10-3/4 x 3-3/4	Shears and Nibblers / Drills / Hammer Drills
656304000	Steel	13-3/4 x 10 x 5-1/8	4-1/2" / 5" / 6" Small Angle Grinders / AD626



A Metabo **MasterService™** Service Center is a preferred warranty/repair service center providing knowledgeable, accurate and complete repairs in 5 days or less, and is a stocking source for all Metabo Power Tool spare parts.

ALABAMA	BIRMINGHAM	.35203	ALABAMA JACK CO INC	.1140 5TH AVENUE NORTH	.205-251-8156
	CALERA	.35040	QUALITY TOOL REPAIR	.6180 HIGHWAY 31	.205-668-3131
	DOTHAN	.36302	WELLS SUPPLY INC	.212 WEST CRAWFORD STREET	.334-793-3432
	MOBILE	.36693	BAY CITY TOOL & REPAIR CO	.4405 HALLS MILL ROAD, BUILDING F, SUITE 4	.251-666-8406
	SOUTHPORT	.32409	MOBILE TOOL REPAIR	.2136 HIGHWAY 2321	.850-271-1707
	THEODORE	.36582	GULF COAST POWER TOOL	.5651 HWY 90, SUITE D	.251-653-9912
	THEODORE	.36582	SOUTHERN GAS AND SUPPLY	.5500 EAST RITE ROAD	.251-654-0080
ARIZONA	● GLENDALE	.85301	BANNER TOOL SERVICE	.6741 N. 57TH AVENUE	.623-842-0800
	HOLBROOK	.86025	WELDING SERVICES & SUPPLY	.728 W. HOPI DRIVE	.520-882-0611
	PHOENIX	.85016	GLENNS TOOL SERVICE	.2149 EAST INDIAN SCHOOL ROAD	.602-264-6203
	PHOENIX	.85017	COPPER STATE BOLT & NUT CO	.3622 N. 34TH AVENUE	.915-455-9141
	PHOENIX	.85040	ARIZONA ARMATURE SERVICE	.4641 SOUTH 33RD STREET	.602-276-4434
	PRESCOTT	.86301	PRESCOTT POWER TOOL	.1050 WILLOW CREEK ROAD #1	.928-445-2628
	TUCSON	.85713	COPPER STATE BOLT & NUT	.811 E. 47TH STREET	.928-524-9386
	TUCSON	.85719	WESTERN TOOL INC	.702 S. CAMPBELL AVENUE	.602-884-0504
ARKANSAS	EL DORADO	.71730	THE TOOL ROOM INC.	.508 MARSH AVENUE	.501-376-2310
	FORT SMITH	.72901	TOOL SERVICE COMPANY	.5732 WHEELER AVENUE	.870-863-3036
	LITTLE ROCK	.72202	C & W TOOL & EQUIPMENT CO	.1400 S. MAIN STREET	.479-927-0400
	SPRINGDALE	.72762	TOOL HOSPITAL	.3670 ELM SPRINGS ROAD	.501-648-3125
CALIFORNIA	CONCORD	.94520	CALIFORNIA ELEC. SERVICE	.1170 G BURNETT AVENUE	.916-631-3550
	FALLBROOK	.92028	MACK'S TOOL REPAIR INC.	.341 INDUSTRIAL WAY	.949-586-9440
	FRESNO	.93703	ALL TOOL SERVICE & SUPPLY	.1571 N. MAPLE AVENUE	.559-252-2879
	FRESNO	.93721	IDEAL SAW WORKS	.351 O STREET	.925-827-1011
	LAKE FOREST	.92630	CALIFORNIA ELEC SERVICE	.22500 MUIRLANDS BOULEVARD, SUITE B	.408-295-1722
	● LOS ANGELES	.90023	MINIT TOOL CO	.4170 E. WASHINGTON BOULEVARD	.916-922-6007
	MARTINEZ	.94553	FURBER SAW INC	.895 HOWE ROAD	.415-642-8698
	MODESTO	.95357	FASTENAL COMPANY	.4025 RINCH ROAD	.805-483-4233
	MONTCLAIR	.91763	TOOLS R US INC	.9055 CENTRAL AVENUE	.925-229-3774
	OXNARD	.93030	ELECTRIC MOTOR SERVICE	.200 EAST 5TH STREET	.707-528-1111
	PASO ROBLES	.93446	MAINTENANCE SERV & SUPPLY	.1511 RIVERSIDE AVENUE 50	.559-237-0809
	RANCHO CORDOVA	.95742	ALLTRADES TOOL & EQUIP REP	.3515 SUNRISE BOULEVARD 23	.805-544-7152
	SACRAMENTO	.95834	CONTRACTORS TOOL REPAIR	.4237 S. MARKET COURT, SUITE G	.760-451-1078
	SAN FRANCISCO	.94124	CRAIG & GREEN	.1680 EVANS AVENUE	.805-238-7188
	SAN JOSE	.95128	CALIFORNIA ELEC. SERVICE	.481 S. BASCOM AVENUE	.323-264-7006
	SAN LUIS OBISPO	.93401	JP TOOL REPAIR	.3440A SACRAMENTO DRIVE	.909-626-9500
	SANTA ROSA	.95403	H & V TOOL REPAIR	.1808 EMPIRE IND., COURT D	.209-548-5000
COLORADO	COLORADO SPRINGS	.80907	HD SUPPLY	.4127 N. SINTON ROAD	.719-260-0619
	ENGLEWOOD	.80110	HIGH PLAINS WELDING SUPPLIES	.3035 S. UMATILLA STREET	.303-789-2844
	PUEBLO WEST	.81007	COLORADO TOOL & SAW	.388 E. INDUSTRIAL BOULEVARD	.719-547-2346
CONNECTICUT	HARTFORD	.06106	UTILITY ELECTRIC SERVICE INC	.53 MAIN STREET	.860-376-5634
	JEWETT CITY	.06351	QTR INC	.39 WEDGEWOOD DRIVE, SUITE K	.860-246-7271
	OAKVILLE	.06779	WATERTOWN TOOL REPAIR	.28 MAIN STREET	.203-596-1344
DELAWARE	WILMINGTON	.19808	APPLIANCE SERVIC CENTER INC	.3317 OLD CAPITAL TRAIL	.302-994-6259
FLORIDA	● BRADENTON	.34205	THE TOOL DOCTOR	.502 36TH STREET W.	.954-981-8270
	DAYTONA BEACH	.32117	C & C POWER TOOLS	.859 MASON AVENUE	.954-566-4114
	FT LAUDERDALE	.33334	BROWARD TOOL REPAIR INC	.3547 N. DIXIE HIGHWAY	.386-253-5815
	HALLANDALE	.33009	441 TOOL REPAIR INC	.1975 A SOUTH PARK ROAD	.407-292-2808
	JACKSONVILLE	.32254	NORTH FLORIDA TOOL REPAIR	.3543 WEST BEAVER STREET	.941-365-3442
	OCALA	.34475	TOOL DR. OF CENTRAL FL., INC.	.1825 N. MAGNOLIA AVENUE	.904-387-4455
	ORLANDO	.32810	CONTRACTORS TOOL SERVICE INC	.5409 EDGEWATER DRIVE	.561-689-1676
	PORT CHARLOTTE	.33954	TROPICAL CONSTRUCTION SUPPLY	.18412 PAULSON DRIVE	.941-746-2958
	SARASOTA	.34237	FRINKE POWER TOOL SERVICE	.1322 EAST AVENUE NORTH	.352-622-5655
	WEST PALM BEACH	.33413	RELIABLE TOOL SERVICE INC	.6970 WALLIS ROAD BAY 1A	.941-743-5863
GEORGIA	● ATLANTA	.30318	POWER TOOL SERVICE INC	.1939 HILLS AVENUE N.W.	.404-605-0101
	ATLANTA	.30336	FASTENAL COMPANY	.6445 FULTON INDUSTRIAL DRIVE	.404-346-4528
	AUGUSTA	.30901	TOOL SERVICE CENTER	.302 WALTON WAY	.912-238-5512
	MARIETTA	.30060	AIR SPECIALISTS INC	.598 KIRK ROAD	.770-426-1722
	SAVANNAH	.31415	THE TOOL BOX INC	.439-A TELFAIR ROAD	.706-724-4803
HAWAII	HONOLULU	.96819	LARSENS TOOL REPAIR	.2126 B ELUWENE STREET	.808-847-0038
IDAHO	● BURLEY	.83318	ACME POWER TOOL REPAIR	.490 EAST 500 SOUTH	.208-431-7318
	IDAHO FALLS	.83402	ROSSITER ELECTRIC	.1501 S. CAPITAL AVENUE	.208-529-3665



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ILLINOIS	DOWNERS GROVE	.60515	BERLANDS INC	.1530 CENTRE CIRCLE	.630-627-9090
	KANKAKEE	.60901	WOODYS EMS INC	.431 S WASHINGTON AVENUE	.630-620-0026
	LOMBARD	.60148	BERLANDS INC	.600 OAK CREEK DRIVE	.847-540-9200
	LOMBARD	.60148	DEE & BEE FASTENERS	.75 EISENHOWER LANE SOUTH	.309-676-3333
	PALATINE	.60074	BERLANDS INC	.20254 N RAND ROAD	.630-629-0990
	PEORIA	.61602	C & H REPAIR & SUPPLY CO.	.2313-15 SW ADAMS STREET	.815-932-6363
INDIANA	EVANSVILLE	.47711	TRI STATE REPAIR SERVICE INC	.1327 NORTH FARES AVENUE	.812-464-9341
	FORT WAYNE	.46802	BETTER VAC TOOL & APPLIANCE	.1936 FAIRFIELD AVENUE	.800675-9491
	FORT WAYNE	.46807	SOUTHSIDE VACUUM CO. INC	.3702 S CALHOUN STREET	.260-745-7788
	INDIANAPOLIS	.46221	MACCO EQUIPMENT CO. INC	.3129 KENTUCKY AVENUE	.317-248-1444
	INDIANAPOLIS	.46254	FASTENAL COMPANY	.5851 GUION RD DOOR 22	.317-280-2502
	LOWELL	.46356	AFFORDABLE ELECTRICAL REPAIR	.15544 BROADWAY	.219-696-7792
	PERU	.46970	FRANK LADD SALES INC.	.GRISSOM AEROPLEX, 1661 LIGHTNING AVENUE	.765-689-7419
IOWA	DAVENPORT	.52802	HD SUPPLY	.724 WEST 2ND STREET	.563-386-1533
	DES MOINES	.50314	THE TOOL HOUSE INC	.1415 2ND AVENUE	.515-244-1516
	SIOUX CITY	.51101	THE TOOL DOKTOR	.1510 DACE AVENUE	.712-255-7696
KANSAS	EDWARDSVILLE	.66111	FASTENAL COMPANY	.9911 WOODEND ROAD	.913-422-8221
	LOUISVILLE	.40217	TOOL REPAIR SERVICE INC	.1200 GOSS AVENUE	.785-825-6287
	SALINA	.67401	MID KANSAS TOOL REPAIR	.314 W CLOUD STREET	.502-635-6888
LOUISIANA	AMELIA	.70340	INDUSTRIAL WELDING SUPPLY CO.	.HWY 90 9 MILES EAST	.985-876-7565
	BATON ROUGE	.70814	SOUTHERN FASTENER & TOOL CO.	.9440 MAMMOTH AVENUE	.504-392-2400
	BELLE CHASSE	.70037	INDUSTRIAL WELDING SUPPLY CO.	.111 BURAS DRIVE	.504-362-9395
	HARVEY	.70058	INDUSTRIAL WELDING SUPPLY CO.	.1452 FOURTH STREET	.985-876-7575
	HOUMA	.70363	INDUSTRIAL WELDING SUPPLY CO.	.1797 GRAND CAILLOU ROAD	.504-645-0808
	SLIDELL	.70458	INDUSTRIAL WELDING SUPPLY CO.	.60077 HIGHWAY 11 NORTH	.504-534-9774
	VENICE	.70091	INDUSTRIAL WELDING SUPPLY CO.	.HWY 23 SOUTH	.225-927-3333
	WEST MONROE	.71291	TOOL TOWN LLC	.504 NORTH 7TH STREET	.318-329-2927
MAINE	BUCKSPORT	.04416	TOOLTECH	.943 RIVER ROAD	.207-532-2211
	HOULTON	.04730	HOGAN TIRE INC.	.135 BANGOR STREET	.207-764-6511
	PRESQUE ISLE	.04769	LYNOX WELDING SUPPLY	.46 INDUSTRIAL STREET	.207-469-3484
MARYLAND	ANNAPOLIS JUNCTION	20701	TOOLS & ACCESSORIES CORP	.8975 HENKELS LANE, SUITE 710	.410-735-8800
	BALTIMORE	.21229	WTS INC	.4000 COOLIDGE AVENUE, SUITE C	.443-543-0100
	SILVER SPRINGS	.20901	ATMS INC	.8907 GARLAND AVENUE	.301-563-6601
	THURMONT	.21788	HEMPS POWER TOOL REPAIR INC	.13407 GRACEHAM ROAD	.301-898-9916
MASSACHUSETTS	EVERETT	.02149	PANDA ELECTRICAL SERVICE INC	.165 MAIN STREET	.781-826-4767
	HANOVER	.02339	BEHNING TOOL	.785 WASHINGTON STREET	.781-341-4900
	STOUGHTON	.02072	KALMAN ELECTRIC MOTORS INC.	.471 PAGE STREET	.617-389-1442
MICHIGAN	COMSTOCK PARK	.49321	MASTER SERVICE CENTER	.848 W RIVER CENTER NE, SUITE B	.616-647-0654
	DETROIT	.48203	RENU POWER TOOLS	.20163 JOHN R STREET	.313-366-1570
	GAYLORD	.49735	BRIDGEWAY POWER	.977 N. CENTER AVENUE	.989-732-5055
	KALAMAZOO	.49001	KALAMAZOO ELECTRIC MOTOR INC.	.414 MILLS STREET	.269-345-7802
	MIDLAND	.48640	MID MICHIGAN REPAIR	.680 POSEYVILLE ROAD	.989-835-6014
	TRAVERSE CITY	.49686	BRIDGEWAY POWER	.863 S. AIRPORT ROAD	.231-947-5824
MINNESOTA	MAPLE GROVE	.55369	GT TOOL CORPORATION	.11071 93RD AVENUE N., SUITE C	.612-721-6651
	MINNEAPOLIS	.55407	DEKO FACTORY SERVICE INC	.3048 BLOOMINGTON AVENUE S.	.507-453-8280
	WINONA	.55987	FASTENAL COMPANY	.4730 N. SERVICE DRIVE	.763-424-4019
MISSISSIPPI	HATTIESBURG	.39402	MITCHELL TOOLS	.7758 US HWY 49 N	.601-271-2949
MISSOURI	KANSAS CITY	.64108	HEATH SALES AND SERVICE INC	.518 EAST 16TH STREET	.314-351-4550
	SAINT CHARLES	.63301	TOOL SERVICE CENTER INC	.2431 RAYMOND DRIVE	.417-881-8326
	SPRINGFIELD	.65802	HD SUPPLY	.423 N. BELCREST	.816-421-3330
	SPRINGFIELD	.65810	TEAM TOOLS LLC	.4560 S. CAMPBELL, SUITE J	.417-831-0954
	ST LOUIS	.63139	PM ELECTRIC CO INC	.5280 FYLER AVENUE	.636-940-2525
MONTANA	BILLINGS	.59101	ALLENS TOOL REPAIR	.115 5TH STREET WEST	.406-248-3865
	WHITEFISH	.59937	NORTHWEST TOOL REPAIR	.1000 BAKER AVENUE	.406-862-6275



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NEBRASKA	GRAND ISLAND	.68802	PRECISION INDUSTRIES	.214 N ARTHUR STREET	.308-384-8016
	LINCOLN	.68508	THE TOOL HOUSE	.800 Q STREET	.402-435-2996
	LINCOLN	.68521	HD SUPPLY	.1720 ADAMS STREET	.402-331-6863
	OMAHA	.68127	FLOHR ELECTRIC SERVICE	.4356 S 90TH STREET	.402-592-5220
	OMAHA	.68138	HD SUPPLY	.9950 S 134TH STREET	.402-474-5322
NEVADA	LAS VEGAS	.89109	TOOL SERVICE CENTER INC	.2912 S HIGHLAND	.775-331-1032
	SPARKS	.89431	INDUSTRIAL EQUIPMENT REPAIR	.310 KRESGE LANE	.702-734-9161
NEW HAMPSHIRE	AMHERST	.03031	POWER TOOL & FASTENER INC	.65 ROUTE 101 A	.866-664-6883
	EXETER	.03833	MINUTEMAN TOOL REPAIR & SUPP	.96 EPPING ROAD	.603-673-2724
NEW JERSEY	FAIR LAWN	.07410	BERGEN COUNTY MOTOR & TOOL C	.17 -16 RIVER ROAD	.908-241-6930
	HAWTHORNE	.07506	ATLANTIC TOOL SYSTEMS INC	.170 FIFTH AVENUE	.973-238-0009
	NEPTUNE	.07753	POWER TOOL COMPANY	.609 MEMORIAL DRIVE	.201-396-3006
	ROSELLE	.07203	AIR & ELECTRIC TOOL SERVICE	.130 WEST 3RD AVENUE	.732-776-8282
NEW MEXICO	ALBUQUERQUE	.87107	NEW MEXICO TOOL COMPANY	.2715 4TH STREET N.W.	.505-797-3100
	ALBUQUERQUE	.87107	TELCO ELECTRIC INC	.2906 4TH STREET N.W	.505-345-2426
	ALBUQUERQUE	.87113	COPPER STATE NUT & BOLT	.8401 WASHINGTON ST. N.E.	.505-344-2571
NEW YORK	ALBANY	.12206	ALBANY BURNER CONTROL INC	.20 COLVIN AVENUE	.518-459-8856
	BINGHAMTON	.13904	HULBERT ELECTRICAL INC	.78 TRAVIS AVENUE	.845-227-8289
	BROOKLYN	.11204	J & A REPAIR SHOP	.6206 20TH AVENUE	.607-324-4130
	BROOKLYN	.11208	WHITE TOOL & SUPPLY INC	.3047 ATLANTIC AVENUE	.718-416-0378
	BROOKLYN	.11234	THE TOOL HOUSE RENTAL INC	.1700 UTICA AVENUE	.516-741-3198
	BUFFALO	.14204	UNITED ELECTRIC MOTORS INC	.106 MICHIGAN AVENUE	.718-232-5746
	BUFFALO	.14210	SS ELECTRIC REPAIR SHOP INC	.2470 SENECA STREET	.607-724-3968
	GARDEN CITY PARK	.11040	EASTERN INDUSTRIAL EQUIPMENT	.2231 JERICHO TURNPIKE	.315-468-1712
	HORNELL	.14843	BRADLEY SUPPLY INC	.25 NORTH TRANSIT ROAD	.716-823-1232
	HUNTINGTON STATION	.11746	A & T POWER TOOLS	.515 E JERICHO TURNPIKE	.631-271-2141
	MIDDLE VILLAGE	.11379	FORESTIERE POWER TOOL & EQUIP	.62 02 64TH STREET	.718-743-6336
	NEW YORK	.10019	TP RENTAL SERVICES INC	.417 WEST 50TH STREET	.212-713-1999
	SYRACUSE	.13204	RAMSING ELECTRIC REPAIRS INC	.914 EMERSON AVENUE	.716-855-1945
	WAPPINGERS FALLS	.12590	BC ELECTRIC AND AIR CO. LLC	.885 ROUTE 376	.718-277-8844
NORTH CAROLINA	ASHEVILLE	.28801	B & K TOOLS & SUPPLY INC	.268 BILTMORE AVENUE	.919-832-2802
	CHARLOTTE	.28206	AMERICAN AUTO & TRUCK ELECTRIC	.632-646 ATANDO AVENUE	.704-333-0561
	CHARLOTTE	.28206	PORTABLE TOOL SERVICE	.3209 CULLMAN AVENUE	.828-254-5763
	GREENSBORO	.27405	TOOL REPAIR LLC	.807 HUFFMAN STREET	.336-841-6555
	HIGH POINT	.27265	FASTENAL COMPANY	.4110 PREMIER DRIVE, SUITE 102	.336-759-2022
	RALEIGH	.27604	ABC POWER TOOLS	.2407 ALWIN COURT	.704-332-8337
	WINSTON-SALEM	.27106	PIEDMONT POWER MACHINE SVC	.4994 C INDIANA AVENUE	.336-275-6124
NORTH DAKOTA	DICKINSON	.58601	FIX IT SHOP	.316 21ST STREET EAST	.701-225-0766
OHIO	CINCINNATI	.45202	CINCINNATI ELECTRICAL REPAIR	.2023 ELM STREET	.513-621-2183
	CLEVELAND	.44109	TRI COUNTY POWER TOOL INC	.4597 PEARL ROAD	.216-881-2565
	CLEVELAND	.44114	KAY-DEE AIR & ELECTRIC TOOL	.5466 LAKE COURT	.419-867-7670
	COLUMBUS	.43222	TRADESMAN TOOL SERVICE	.127 NORTH CENTRAL AVENUE	.937-222-6282
	DAYTON	.45403	M & R ELEC MOTOR SERVICE	.1516 EAST FIFTH STREET	.937-678-4215
	MAUMEE	.43537	ELECTRIC TOOL & EQUIPMENT	.3637 BRIARFIELD BOULEVARD	.330-792-1487
	SHARONVILLE	.45241	TOOL HOUSE, INC	.11909 TRAMWAY DRIVE	.513-821-3000
	WEST MANCHESTER	.45382	NOLES'S TOOL REPAIR	.301 N MAIN STREET	.614-274-4357
	YOUNGSTOWN	.44515	POWER TOOL & SUPPLY CO	.3699 LEHARPS ROAD	.216-398-6120
OKLAHOMA	ENID	.73701	ENID ELEC MOTOR SERVICE INC	.1410 N 4TH	.918-836-3939
	OKLAHOMA CITY	.73106	WHITTON SUPPLY	.1419 W. RENO	.405-752-2655
	OKLAHOMA CITY	.73114	EDMOND TOOL REPAIR	.13517 RAILWAY DRIVE, SUITE A	.918-583-9151
	TULSA	.74115	ALLIED TOOL INC	.8911 E ADMIRAL PLACE	.580-234-8622
	TULSA	.74120	CK & W SUPPLY	.623 SOUTH PEORIA	.405-236-5561
OREGON	EUGENE	.97402	JIMS TOOL SERVICE	.515 WILSON STREET	.541-344-1243
	PORTLAND	.97214	CHARLES H DAY CO. INC	.602 SE 11TH AVENUE	.503-232-1659
PENNSYLVANIA	ERIE	.16501	PERRY MILL SUPPLY	.1115 WEST 12TH STREET	.814-453-5641
	LATROBE	.15650	LATROBE TOOL SERVICE INC	.4339 ROUTE 30	.724-532-1411
	MECHANICSBURG	.17055	DRIVEKORE REPAIR	.101 WESLEY DRIVE	.717-766-7636
	MONROEVILLE	.15146	PROFESSIONAL TOOL SERVICE	.BLDG 1 MONROEVILLE IND PARK, 700 SECO ROAD	.412-373-7440
	NORTHAMPTON	.18067	HAFNER & SON INC	.90 ATLAS ROAD	.610-262-4805
	YORK	.17402	WOLF PNEUMATIC -LOCATION 1	.3460 INDUSTRIAL DRIVE	.717-840-6865

AUTHORIZED AND MASTER SERVICE STATIONS

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RHODE ISLAND	PROVIDENCE	.02909.	EASTERN TOOL LLC	.426 HARTFORD AVENUE E	.401-621-6500
SOUTH CAROLINA	ANDERSON	.29625.	TRADO SUPPLIES INC	.1015 WHITEHALL ROAD	.843-448-3586
	CHARLESTON	.29405.	TRI COUNTY TOOL REPAIR CTR	.1900 DISCHER STREET	.843-760-9000
	MYRTLE BEACH	.29577.	COASTAL ELEC & REWINDING CO	.928 OCEOLA STREET	.803-252-7777
	NORTH CHARLESTON	.29418.	J ELECTRIC	.7325 A CROSS COUNTY ROAD	.864-225-4438
	WEST COLUMBIA	.29169.	MANNTOL & SUPPLY INC	.802 CHRIS DRIVE	.843-554-9005
TENNESSEE	JACKSON	.38301.	SMITH TOOL SERVICE	.908 S. HIGHLAND AVENUE	.865-546-7744
	KNOXVILLE	.37917.	BRADY TOOL SERVICE INC	.2002 E. MAGNOLIA AVENUE	.615-254-0820
	MADISON	.37115.	TOOLSERVE	.2404 GALLATIN PIKE NORTH	.901-726-0191
	MEMPHIS	.38104.	JONES TOOL SERVICE	.1314 MADISON AVENUE	.731-427-4012
	NASHVILLE	.37210.	HERMITAGE TOOL COMPANY INC	.1034 4TH AVENUE SOUTH	.615-851-5190
TEXAS	AMARILLO	.79102.	REIDS APPLIANCE SERVICE INC	.906 GEORGIA	.817-921-0231
	BEAUMONT	.77701.	NEWTON TOOLS & HDWARE	.620 MARTIN LUTHER KING PARKWAY	.806-747-9177
	CARROLLTON	.75006.	FASTENAL COMPANY	.1300 INTERSTATE 35 EAST #106	.915-595-3111
	CARROLLTON	.75007.	FASTENAL COMPANY	.1432 MACARTHUR DRIVE	.210-226-3462
	EL PASO	.79935.	COPPER STATE BOLT & NUT	.11129 PELICANO DRIVE	.972-466-5600
	EULESS	.76040.	NORTH TEXAS TOOL SERVICE INC	.1118 S. AIRPORT CIRCLE #140	.972-446-4389
	FORT WORTH	.76110.	AIR & ELECTRIC TOOL CO INC	.3301 S. GROVE STREET	.713-682-8665
	HOUSTON	.77002.	HYDRAULIC EQUIPMENT SERVICE	.1021 NORTH SAN JACINTO	.915-362-4611
	HOUSTON	.77003.	POWER TOOL SERVICE CO	.3718 POLK STREET	.409-835-3979
	HOUSTON	.77003.	TOOLTECH	.3406 MCASHAN STREET	.817-399-8665
	HOUSTON	.77092.	H & H TOOL SERVICE INC	.2307 MCALLISTER	.713-228-9601
	LUBBOCK	.79412.	CAPROCK EQUIP SVC & SUPPLY INC.	.2112 50TH STREET	.254-662-5969
	ODESSA	.79764.	MCCORD PUMP AND SUPPLY	.3801 NORTH COUNTY ROAD WEST	.800-327-2154
	SAN ANTONIO	.78201.	ROYALL MATTHIESSEN	.446 CULEBRA AVENUE	.210-734-4363
	SAN ANTONIO	.78205.	ELECTRIC MOTOR SERV & SALES	.1514 E. COMMERCE STREET	.806-373-8812
	WACO	.76706.	POWER TOOL REPAIR	.6819 SOUTH 3RD STREET ROAD	.713-223-1922
UTAH	SALT LAKE CITY	.84115.	A-1 INDUSTRIAL TOOLS & SERV	.260 WEST 2855 SOUTH	.801-486-9920
	S. SALT LAKE CITY	.84115.	HD SUPPLY	.2503 S. 300 WEST	.801-463-2770
VERMONT	ESSEX JUNCTION	.05452.	BURLINGTON TOOL REPAIR	.3 KELLOGG ROAD	.802-872-0051
VIRGINIA	NORFOLK	.23517.	BRYAN ELECTRIC COMPANY	.424 W. 25TH STREET	.757-625-0378
	RICHMOND	.23222.	PHILLIPS TOOL REPAIR INC	.2026 CHAMBERLAYNE AVENUE	.540-343-1515
	ROANOKE	.24013.	ROANOKE ARMATURE CO. INC	.110 8-1/2 STREET S.E.	.540-345-8741
	ROANOKE	.24017.	KAMAN INDUSTRIAL TECHNOLOGIES	.105 14TH STREET N.W	.804-321-6007
	ROANOKE	.24017.	RENT ALLS OF ROANOKE INC	.604 11TH STREET N.W	.540-345-0184
WASHINGTON	BELLEVUE	.98005.	POWER TOOL SERVICE	.12121 NORTHUP WAY, SUITE 108	.508-534-3698
	BELLINGHAM	.98225.	PRO TOOL INC	.2238 JAMES STREET	.253-983-0015
	BURIEN	.98166.	THE TOOL SERVICE CENTER	.630 S.W. 153RD, SUITE B	.360-724-6982
	BURLINGTON	.98233.	NORTH WEST TOOL REPAIR	.2837 FRIDAY CREEK ROAD	.425-453-8015
	LAKEWOOD	.98498.	FASTENAL COMPANY	.9725 47TH AVENUE S.W. BOULEVARD 20	.360-733-7343
	SEATTLE	.98125.	TOOL PROS	.10334 LAKE CITY WAY N.E	.206-439-7804
	SPOKANE	.99212.	AIR ELECTRIC TOOLS & SERVICE	.5603 E. THIRD AVENUE	.206-525-6448
WEST VIRGINIA	BECKLEY	.25801.	HUGHES SUPPLY CO	.325 CITY AVENUE	.304-253-6799
	HUNTINGTON	.25701.	LAWTER ELECTRIC MOTOR CO	.202 ADAMS AVENUE	.304-522-8297
	HUNTINGTON	.25701.	MSC INDUSTRIAL SUPPLY	.215 HAL GREER BOULEVARD	.304-529-4171
WISCONSIN	GREEN BAY	.54301.	POWER TOOL SERVICE CO	.300 N WEBSTER AVENUE	.608-782-7635
	GREEN BAY	.54304.	BAY VERTE MACHINERY INC	.975 PARKVIEW ROAD	.920-336-7440
	LA CROSSE	.54601.	LACKORE ELECTRIC MOTOR REPAIR	.4102 MORMON COULEE COURT	.920-437-2594
	MANITOWOC	.54220.	SCHLEIS ELECTRIC INC.	.615 SOUTH 30TH STREET	.920-682-3878

MODEL NUMBER	ARMATURE	FIELD	CARBON BRUSHES	ELECTRONIC UNIT	SWITCH	CORD	OTHER	OTHER
626	310006220	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
703 VARIATION 0 & 1	310007080	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
703 VARIATION 2	310008040 (TECH VARIATION 2 SEE SERVICE BULLETIN 00-02)							
0882	310004920	311006010	316033380		343401060	655064000	630282000 (8)	
4479	80101101	80101500	80101188	80101510	80101501	655046000		
6870	310002750	311007760	316033490		343404230	655065000	630201000 (3)	630201000(4)
6872	310002750	311007040	316033580		343404230	655065000	631042000 (3)	631042000(4)
AD626	310006220	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
ASE18 (602169000)					316039220		316039210 (G)	
ASE18 (602269000)					343408800		316039210 (G)	
BE10R	316027110 (G)		316033870		343406370	655065000	635252000 (1)	635167000(2)
BE250R+L	310007550	311009540	316033690		343406330	655065000	636519000 (11)	
BE4006	317003420 (G)		316039950		343408240	655064000		
BE4010	317003410 (G)		316039950		343408240	655064000		
BE560 / BE561	316027110 (G)		316033870		343406370	655065000	635252000 (1)	635167000 (2)
BE622SR+L	310006220	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
BE628SR+L	310006220	311007750	316023030		343406330	655065000	635250000 (1)	635167000(2)
BE710	310007870	311009830	316034940		343406930	655065000		
BE1020	310007850	311009840	316034970		343406880	655065000		
BFE9-90	310007730	311010230	316034930	343079420	343406730	655065000		
BHA18	316040500 (G)				343408190			
BHE20	310008860	311010490	316039950		343408180	655064000		
BHE22	310007860	311009520	316034940		343407190	655064000		
BHE2243	310009600	311011110	316046950		343409240	655064000		
BHE24	310007850	311009830	316034960		343406880	655064000		
BHE-D24	310007870	311009830	316034940		343407510	655064000		
BHE6040S VAR. 0&1	310007380	311009340	316033830	343076060	343406010	655046000		
BHE6040S VAR. 2	310008580	311009340	316033830	343078960	343406010	655046000		
BHE6045S VAR. 0&1	310007380	311009340	316033830	343076060	343406010	655046000		
BHE6045S VAR. 2	310008580	311009340	316033830	343078960	343406010	655046000		
BHE6046S VAR. 0&1	310007380	311009340	316033830	343076060	343406010	655046000		
BHE6046S VAR. 2	310008580	311009340	316033830	343078960	343406010	655046000		
BS12 IMPULS	316037170 (I)				343406890		316029820 (14)	
BS18 LT	317003670 (I)				343408750		316043180 (14)	
BS18 LTX	317003690 (I)				343408750		316043190 (14)	
BS18LTX QUICK	317003690 (I)				343408750		316047160 (14)	
BST12 IMPULS	316037170 (I)				343406890		316029820 (14)	
BST12 PLUS	317002560 (I)				343406890		316029840 (14)	
BST15.6 PLUS	317002570 (I)				343406890		316029840 (14)	
BS 18 PLUS	317002580 (I)				343406890		316029840 (14)	
BST18 PLUS	317002580 (I)				343406890		316029840 (14)	
BSP12	317003080 (I)				343407450		316035260 (14)	
BSP15	317003090 (I)				343407450		316035260 (14)	
BSP18	317003100 (I)				343407450		316035260 (14)	
BSZ12	317003220 (I)				343407600		316037820 (14)	
BSZ14	317003170 (I)				343407600		316037820 (14)	
BSZ18	317003180 (I)				343407600		316037820 (14)	
CS14-15	310008510	311010050	316033970		343407100	344494740		
CS23-355	310009350	311010890	316042980		343408770	344497530		
DWSE6.3	310007860	311009820	316034940		343407190	655064000	344162720 (12)	
FSR200	310009080	311010640	316041170		343408380	655065000	339160730 (10)	
FSX200	310009080	311010640	316041170		343408380	655065000	339160720 (10)	344097650 (13)
G 500	310008330	311009770	316034930		343406730	655065000		631949000 (9)
GE 700	310007690	311009760	316034930	343076600	343406730	655065000	631949000 (9)	
GE 900	310008430	311009780	316034930	343077080	343406730	655065000	631949000 (9)	
GSE7141	310007250	311009210	316033610	343075720	343404230	655065000	631949000 (9)	
GSE7145	310007270	311009210	316033610	343075720	343404230	655065000	631949000 (9)	
H1600				341146840 (H)	343077790	344494260		
HE2000				341146860 (H)	343077800	344494260		
HS65	310007540	311009520	316026870		343406960	655065000	344147710 (8)	344147740 (4)
HS8365S	310007540	311009520	316033910		343404930	655065000	344147730 (8)	344147760 (4)
KHA24	310008850	311010480	316039820	343080690	343408300			
KHE24	310007850	311009830	316034960	343078080	343406880	655064000		
KHE28	310007850	311009840	316034970	343078080	343406880	655064000		
KHE-D28	310007850	311009840	316034970	343078740	343407460	655064000		
KHE32	310008080	311009840	316032530	343078680	343406980	655064000		

Notes: (A) Field & housing have additional plastic guarding, (B) AC only, (C) AC/DC, (D) AC conversion kit,

(F) Motor/brush assembly, (G) Motor assembly, (H) Heat Element, (I) Cordless motor

Codes: (1) Chuck w/ Key, (2) Chuck Key, (3) Ram Blade, (4) Fixed Blade, (5) Foot Plate, (6) Roller Guide, (7) Flange nuts,

(8) Cutting Blade, (9) Collet, (10) Sanding Pad/Plate, (11) Keyless Chuck, (12) Bit holder, (13) Brake ring, (14) Orbital gear transmission

MODEL NUMBER	ARMATURE	FIELD	CARBON BRUSHES	ELECTRONIC UNIT	SWITCH	CORD	OTHER	OTHER
KHE54	310008660	311010320	316037530	343078680	343407550	655064000		
KHE55	310008660	311010320	316037530	343078680	343407550	655064000		
KHE56	310009320	311010860	316042650	343081360	343408100	655046000		
KHE75	310008660	311010320	316037420	343080770	343407550	655064000		
KHE76	310009560	311010840	316042650	343081720	343408100	655064000		
KHE96	310009290	311010840	316042480	343081320	343408100	655064000		
KN6875	310002320	311007760 (A)	316033490		343404230	655065000	630202000 (3)	630203000 (4)
KNSE12-150	310008790	311010410	316034930	343080330	343406740	655065000	343406740 (7)	
KSAP18	316038060 (I)				343407570			
KSA18	316034050 (G)				343407380			
LF724S	310008250	311009940	316034930		343406730	655064000	631660000 (4)	316028950 (5)
MHE 56	310009320	311010860	316042650	343081360	343407670	655046000		
MHE 65	310008660	311010320	316037420	343080770	343407550	655064000		
MHE96	310009290	311010840	316042480	343081320	343407670	655064000		
MFE30	310007820	311010220	316034930	343079360	343406740	655065000		
POWER GRIP	317003060 (I)				INC W/317003060		316034150 (14)	
POWER GRIP II	317003400 (I)				343408390		316038040 (14)	
POWERMAXX	317003020 (I)				343407610		316039530 (14)	
PE7175	310007710	311009210	316033610	343075720	343404230	655065000		
PE12-175	310008640	311009890	316034930	343079520	343406740	655065000		
PSE1200	310008710	311010340	316037840		343407620	655065000	316037790 (5)	
PWE11-100	310009740	311011430	316042070	343082200	343408550	344498330		
RBE12-180	310008790	311010410	316034930	343080330	343406740	655065000		
SB12 PLUS	317002670 (F)				343406890		316029870 (14)	
SB18 LT	317003670 (I)				343408750		316043170 (14)	
SB18 LTX	317003690 (I)				343408750		316042990 (14)	
SBE13R	316027110 (G)		316033870		343406370	655065000	635250000 (1)	635167000 (2)
SBE560 / SBE561	316027110 (G)		316033870		343406370	655065000	635250000 (1)	635167000 (2)
SBE610	310008960	311010780	316043140		343408350	655065000	635250000 (1)	317003610 (G)
SBE660	310007860	311009820	316034940		343407190	655065000	635250000 (1)	635167000 (2)
SBE710	310009410	311009830	316046960		343409240	655065000	635250000 (1)	635167000 (2)
SBE750	310007870	311009830	316034940		343406930	655065000	635250000 (1)	635167000 (2)
SBE751 (600863620)	310009410	311009830	316046960		343409240	655065000	635250000 (1)	635167000 (2)
SBE1010 PLUS	310007850	311009840	316034970	343077520	343406880	655065000	636226000 (11)	
SBE1100	310009430	311010930	316046980		343409250	655065000	636226000 (11)	
SBP18 PLUS	317003100 (I)				343407530		316035270 (14)	
SBT15.6 PLUS	317002760 (F)				343406890		316029870 (14)	
SBZ18	316041980 (I)				343407600		316040570 (14)	
SE12-115	310008790	311010410	316034930	343080330	343406740	655065000		
SE2800	317003410 (G)		316039950		343408240	655064000		
SE4000	317003420 (G)		316039950		343408240	655064000		
SE5025R+L	310007130	311007140	316022880		343406720	655064000	344162490 (12)	
SE5040R+L	310007120	311007140	316022880		343406720	655064000	344162490 (12)	
SR20-23	317003040 (G)		316035030		343406020	655065000	316035020 (10)	
SR356	310007530	311009680	316033690		343406020	655064000	339160230 (10)	
SR358	310007530	311009680	316033690		343406020	655064000	339160250 (10)	
SR4350	317002410 MOTOR ASSY		316033870		343406020	655064000	339160560 (10)	
SSP12	317003240 (I)				343407680			
SSD18	317003790 (I)				343408790			
SSW18	317003790 (I)				343408790			
STE70	310007900	316030110	316033910		343406950	655065000	316029620 (5)	316029880 (6)
STE105 PLUS	310007980	311009970	316034930	343077580	343406730	655064000	339129420 (5)	316029880 (6)
STE135 PLUS	310007980	311009970	316034930	343077580	343406730	655064000	339129420 (5)	316037680 (6)
STEB105 PLUS	310007980	311009970	316034930	343077890	343406950	655064000	339129420 (5)	316029880 (6)
STEB135 PLUS	310007980	311009970	316034930	343077890	343406950	655064000	339129420 (5)	316037680 (6)
SXE400	317002370 MOTOR ASSY				343079780	655065000	339160460 (10)	
SXE425	310007580	311009530	316033690	343076110	343406020	655065000	339160410 (10)	344094560 (13)
SXE425 XL	310007580	311009680	316033690		343406020	655064000	631156000 (10)	
SXE450 DUO	310007580	311009680	316033690	343076210	343406020	655065000	631158000 (10)	344095060 (13)
SXE450 TURBOTEC	310008980	311010570	316033670	343080880	343406020	655065000	339160440 (10)	344097790 (13)
UHE22	310007870	311009830	316034940		343406930	655064000		
UHE28 (600361420)	310007850	311009840	316034970	343078100	343406880	655064000		
USE8	310007860	311009820	316034940		343407190	655064000	344162720 (12)	
W680	310010180	311011490	316047440		343408260	655065000	341031290 (7)	341101480 (7)
W6-115	316040670	311010470	316039610		343408260	655065000		

Notes: (A) Field & housing have additional plastic guarding, (B) AC only, (C) AC/DC, (D) AC conversion kit,

(F) Motor/brush assembly, (G) Motor assembly, (H) Heat Element, (I) Cordless motor

Codes: (1) Chuck w/ Key, (2) Chuck Key, (3) Ram Blade, (4) Fixed Blade, (5) Foot Plate, (6) Roller Guide, (7) Flange nuts,

(8) Cutting Blade, (9) Collet, (10) Sanding Pad/Plate, (11) Keyless Chuck, (12) Bit holder, (13) Brake ring, (14) Orbital gear transmission

MODEL NUMBER	ARMATURE	FIELD	CARBON BRUSHES	ELECTRONIC UNIT	SWITCH	CORD	OTHER	OTHER
W780	310010000	311011380	316047430		343408260	655065000	341031290 (7)	341101480 (7)
WP780	310010000	311011450	338055200		343409200	655065000	341031290 (7)	341101480 (7)
W7-115	310008880	311010260	316034930		343406730	655065000	341101480 (7)	341031290 (7)
W7-115 QUICK	310008880	311010260	316034930		343406730	655065000	316023840 (7)	341031290 (7)
W7-125 QUICK	310008880	311010260	316034930		343406730	655065000	316023840 (7)	341031290 (7)
W8-115 QUICK	310009050	311010700	316046800		343408540	655065000	316023840 (7)	341031290 (7)
WP8-115 QUICK	310009050	311010700	316046800		343408580	655065000	316023840 (7)	341031290 (7)
W8-125	310009050	311010700	316046800		343408540	655065000	341101480 (7)	341031290 (7)
WP8-125 QUICK	310009050	311010700	316046800		343408580	655065000	316023840 (7)	341031290 (7)
WE9-125 QUICK (600269420)	310009070	311010720	316046800	343080960	343408550	55065000	316023840 (7)	341031290 (7)
WE9-125 QUICK (600925420)	310007730	311010240	316034930	343077080	343406730	655065000	316023840 (7)	341031290 (7)
W10-125 QUICK	310007760	311010200	316034930		343406740	655065000	316023840 (7)	341031290 (7)
W10-150 QUICK	310007760	311010200	316034930		343406740	655065000	316023840 (7)	341031290 (7)
W11-125 QUICK	310009160	311010740	316045820		343408540	655065000	316023840 (7)	341031290 (7)
WA11-125 QUICK	310009160	311010740	316045820		343408540	655065000	316023840 (7)	341147870 (7)
WP11-125 QUICK	310009160	311010740	316045820		343408580	655065000	316023840 (7)	341031290 (7)
WB11-125 QUICK	310009160	311010740	316045820		343408540	655065000	316042740 (7)	341031290 (7)
W11-150 QUICK	310009160	311010740	316045820		343408540	655065000	316023840 (7)	341031290 (7)
WB11-150 QUICK	310009160	311010740	316045820		343408540	655065000	316042740 (7)	341031290 (7)
WP11-150 QUICK	310009160	311010740	316045820		343408580	655065000	316023840 (7)	341031290 (7)
W14-125 ERGO	310008240	311010030	316034690		343407110	655065000	341101480 (7)	341031290 (7)
W14-150 ERGO	310008240	311010030	316034690		343407110	655065000	341101480 (7)	341031290 (7)
W14-150 ERGO DEADMAN	310008240	311010030	316034690		343407120	655065000	341101480 (7)	341031290 (7)
WE14-125 INOX PLUS	310009750	311010770	316046800		343408550	655065000	316023840 (7)	341031290 (7)
WE14-125 PLUS (600281420)	310009180	311010770	316046800	343081060	343408550	655065000	316023840 (7)	341031290 (7)
WE14-125 PLUS (601426420)	310007820	311010220	316034930	343079360	343406740	655065000	316023840 (7)	341031290 (7)
WE14-125 VS (600292420)	310009180	311010770	316046800		343408550	655065000	316023840 (7)	341031290 (7)
WE14-125 VS (601426420)	310007820	311010220	316034930	343080100	343406740	655065000	316023840 (7)	341031290 (7)
WEPA14-125 QUICK	310009180	311010770	316046800		343408590	655065000	316023840 (7)	341031290 (7)
WE14-150 PLUS (VS)	310007820	311010220	316034930	343079360	343406740	655065000	316023840 (7)	341031290 (7)
WE14-150 QUICK (600160420)	310009180	311010770	316046800	343081030	343408550	655065000	316023840 (7)	341031290 (7)
WE14-150 QUICK (601451420)	310007820	311010220	316034930	343079380	343406740	655065000	316023840 (7)	341031290 (7)
WEP14-150 QUICK (601452420)	310007820	311010220	316034930	343079380	343406740	655065000	316023840 (7)	341031290 (7)
WEP14-150 QUICK (600290420)	310009180	311010770	316046800		343408550	655065000	316023840 (7)	341031290 (7)
WEPA14-150 QUICK	310009180	311010770	316046800		343408550	655065000		
WPS 7-115 QUICK	310008880	311010300	316034930		343406730	655065000	316023840 (7)	341031290 (7)
WPS 7-125 QUICK	310008880	311010300	316034930		343406730	655065000	316023840 (7)	341031290 (7)
WP 7-115 QUICK	310008880	311010300	316034930		343406730	655065000	316023840 (7)	341031290 (7)
WP 7-125 QUICK	310008880	311010300	316034930		343406730	655065000	316023840 (7)	341031290 (7)
W21-230	310007470	311009590	316034830		343406210	655066000		
W18 LTX	310009690	311011150	316047580	343082060	343082060			
W23-180	310007470	311009590	316034830		343406210	655066000		
W23-230	310007470	311009590	316034830		343406210	655066000		
W24-180	310009490	311009590	316046780		343409150	655066000		
W24-180 - DEADMAN	310009490	311009590	316046780		343409180	655066000		
W24-230	310009490	311009590	316046780		343409150	655066000		
W24-230 - DEADMAN	310009490	311009590	316046780		343409180	655066000		
W25-230	310007480	311009590	316034830		343406210	655066000		
W26-230	310009460	311009580	316046780		343409150	655066000		
W2030	310007470	316028400	316033840		343406210	655066000		
W2230	310007470	316028400	316033840		343406210	655066000		
W2280	310007470	316028400	316033840		343406210	655066000		
W2530	310007480	316028420	316033840		343406210	655066000		

Find full schematics/spare parts lists on our website at
www.metabousa.com or www.metabousa.com/spare-parts.lists.17263.0.html

Notes: (A) Field & housing have additional plastic guarding, (B) AC only, (C) AC/DC, (D) AC conversion kit,

(F) Motor/brush assembly, (G) Motor assembly, (H) Heat Element, (I) Cordless motor

Codes: (1) Chuck w/ Key, (2) Chuck Key, (3) Ram Blade, (4) Fixed Blade, (5) Foot Plate, (6) Roller Guide, (7) Flange nuts,

(8) Cutting Blade, (9) Collet, (10) Sanding Pad/Plate, (11) Keyless Chuck, (12) Bit holder, (13) Brake ring, (14) Orbital gear transmission



Description: Counter Mat
Size: 17 3/8" x 22 1/4"
Item No.: USCM



Description: Window Decal
Size: 4" x 6"
Item No.: US781



Description: Hard Hat Sticker
Size: 3" x 2"
Item No.: US788



Description: Header Sign
Size: 14" x 48"
Item No.: US1013



Description: PowerMaster Series Banner (vinyl)
Size: 3' x 5'
Item No.: US867



Description: Grinder Banner (vinyl)
Size: 3' x 5'
Item No.: US859



Description: Power Tools Banner (vinyl)
Size: 3' x 5'
Item No.: US780



Description: Header Signs for Abrasives
(use with header card holder item no. US1020)
Size: 5" x 23"
Item No.: US1028



Description: Header Signs for Drill Bits
(use with hangbar item no. US1021)
Size: 5" x 23"
Item No.: US1016 (SDS-Max) US1018 (SDS-Plus)
US1017 (Spline) US1019 (Straight Shank)



Description: Header Signs for Saw Blades
(use with hangbar item no. US1021)
Size: 5" x 23"
Item No.: US1037 (Reciprocating Blades)
US1038 (Jig Saw Blades)



Description: Header Signs for Choice Cuts
(use with hangbar item no. US1020)
Size: 6.75" x 23"
Item No.: US710



Description: Hooks for use with Wire Grid (item no. US1031) and Hangbars (item no. US1021 & US1022). (use only 3/16" x 4" hook on hangbars).

Size: Various

Item No.: US1024 (3/16" x 4") US1026 (3/16" x 6")
US1025 (1/8" x 6") US1027 (3/16" x 10")



Description: Inventory Re-order Tags (blank) 8 1/2" x 11" sheet of 40 tags

Size: 1" x 1 3/4"

Item No.: US1030



Description: Tool Display Hook (use with slat wall and 1/8" or 1/4" pegboard)

Size: 5" x 8"

Item No.: US778



Description: Wire Racks for 12" and 14" Cut-off Wheels. Each rack holds 15-20 wheels depending on wheel thickness.

Size: 4 1/8" w x 8" h x 15" d

Item No.: US1032 (for 12" whls.) US1033 (for 14" whls.)



Description: Header Sign Holder
Use with abrasives header cards (order nos. US1028 and US710) and wire grid (order no. US1031). Mounts on slat wall or 1/4" pegboard.

Size: 1 1/2" x 23"

Item No.: US1020



Description: Hangbar for Accessories (mounts on slat wall or 1/4" pegboard). Use hooks shown at top of page.

Size: 3 1/2" x 23" (item no. US1021)

Size: 2" x 23" (item no. US1022)

Item No.: US1021 (mounts flat against wall) (includes bracket for header sign)

Item No.: US1022 (extends out 7" from wall)



Description: Shelf for flat bottom tools

Size: 15" w x 3" h x 7" d

Item No.: US1043



Description: Pen
Color: Silver/Green
Item No.: US790



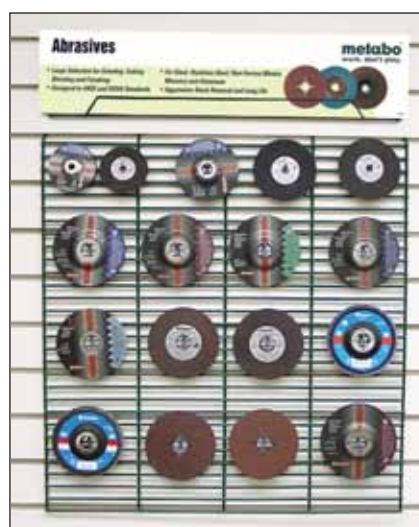
Description: Magnetic Clip
Color: Green with Black Grip
Size: 1 1/2" x 3"
Item No.: US846



Description: Travel Cup
Color: Green
Item No.: US847



Description: Can Cooler
Color: Green
Item No.: USCOOLER



Description: Wire Grid (mounts on slat wall or 1/4" peg board. Uses hooks shown on previous page. For displaying accessories such as Metabo abrasives)
Size: 22" x 23"
Item No.: US1031 (empty grid)



Description: ID Tags for Tools
(inserts into channel on tool display hook)
Size: 2" x 7 1/2"
Item No.: The letters "USTT" followed by the 5 digits after the "6" in the order number for the tool itself, e.g., USTT00264 for the W8-115 Quick Grinder





Description: Metabo Hat
Size: One size fits all
Item No.: USHAT



Description: Safety/Sun Glasses
Item No.: US792



Description: 100% Heavyweight
Preshrunk Cotton T-shirt
Item No.: US760 (Medium)
US761 (Large)
US762 (X-Large)
US763 (XX-Large)



Description: Moisture Wick Polo Shirt
Item No.: US740 (Medium)
US741 (Large)
US742 (X-Large)
US743 (XX-Large)
US744 (3X-Large)



Description: Sweatshirt
Item No.: US745 (Medium)
US746 (Large)
US747 (X-Large)
US748 (XX-Large)

Metabo Corporation is leading international manufacturer of professional grade portable electric power tools for industrial, construction and welding applications. You can find our tools in over 110 countries world wide! Therefore, we can offer to supply tools in many different electrical configurations. Please ask if you encounter an application for voltages other than the standard 120V tools; most likely, we can supply the tool.

The following tools are normally stocked in limited quantities in 220 volt versions.

Order No.	Model	Description
600580000	BE75-16	1/2" DRILL
US600580760	AD75-16	1/2" RT. ANGLE DRILL
600581000	BE751	1/2" DRILL
600582000	BE1100	1/2" DRILL
600863900	SBE751	1/2" HAMMER DRILL
600867500	SBE1100	1/2" HAMMER DRILL
600275000	KHE75	1-3/4" SDS-MAX ROTARY HAMMER
600265000	MHE65	DEMOLITION HAMMER
600259000	W8-115	4-1/2" ANGLE GRINDER W/ M14 SPINDLE
600264000	W8-115 QUICK	4-1/2" ANGLE GRINDER W/ M14 SPINDLE
US600264761	W8-115 QUICK	4-1/2" ANGLE GRINDER W/5/8-11 SPINDLE
600269000	WE9-125 QUICK	4-1/2"/5" VS ANGLE GRINDER W/ M14 SPINDLE
600270000	W11-125 QUICK	5" ANGLE GRINDER W/ M14 SPINDLE
US600270761	W11-125 QUICK	5" ANGLE GRINDER W/5/8-11 SPINDLE
600271000	W11-150 QUICK	6" ANGLE GRINDER W/ M14 SPINDLE
600281000	WE14-125 PLUS	5" VS ANGLE GRINDER W/ M14 SPINDLE
600286000	WE14-150 PLUS	6" VS ANGLE GRINDER W/ M14 SPINDLE
US600286761	WE14-150 PLUS	6" VS ANGLE GRINDER W/ 5/8"-11 SPINDLE
606251000	W14-150 ERGO	6" ANGLE GRINDER W/ M14 SPINDLE
606445000	W24-180	7" ANGLE GRINDER W/ M14 SPINDLE
US606445761	W24-180	7" ANGLE GRINDER W/5/8-11 SPINDLE
606448000	W24-230	9" ANGLE GRINDER M14 SPINDLE
US606448761	W24-230	9" ANGLE GRINDER W/5/8-11 SPINDLE
606453000	W26-230	9" ANGLE GRINDER W/ M14 SPINDLE
US606453761	W26-230	9" ANGLE GRINDER W/ 5/8-11 SPINDLE
606303000	GE700	2" DIE GRINDER
602335000	CS23-355	CHOP SAW
601301000	PSE1200	RECIPROCATING SAW

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