

metabo®

POWER TOOLS AND ACCESSORIES



Metabo Canada, Inc.
1-877-638-2261

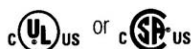
metabo®
work. don't play.

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-SERVICE.COM 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-SERVICE.COM. 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-service.com

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-service.com. The XXL warranty is available only for tools purchased on or after 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 on or after April 1, 2004.

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-service.com 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-service.com

See our service center listing on page 99-100.



3-year Battery and Charger Warranty

Metabo's Lithium-Ion battery packs and ASC30/ASC15/AS S15 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 it's authorized service centers for replacement.

We create

VALUE

for our customers and employees

metabo®
work. don't play.



DRILLS		6-13
BE561		10
BE751		10
BE1100		10
BE75-16		11
AD75-16		11
Drill Accessories		12-13



HAMMER DRILLS		14-19
SBE561		17
SBE710		18
SBE751		18
SBE1100 Plus		18
Hammer Drill Accessories		19



ROTARY HAMMERS		20-29
BHE2243		24
KHE2443		24
KHE-D24		25
KHE-D28		25
UHE2650 Multi		26
KHE3250		26
KHE56		27
KHE76		27
KHE96		27
MHE56		28
MHE96		28
Rotary Hammer Accessories		29



MASONRY BITS AND CHISELS		30-38
Masonry Bits and Chisels		30-38



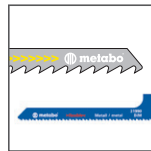
CORDLESS		39-49
BS18 LT		42
SB18 LT		42
SSD18 LT		42
SSW18 LT		42
BS18 LTX		43
SB18 LTX		43
BS18 LTX Quick		43
BHA18 LT/LTX		44
KHA24		44
STA18 LTX		45
STA18 LTX 140		45
ASE18 LTX		45



CORDLESS (continued)		39-49
W18LTX		46
KSA18 LTX		46
MAG28 LTX		47
ULA14.4-18 (Halogen Flashlight)		48
Cordless Accessories		48
Cordless Batteries/Chargers		49



SCREWDRIVER ACCESSORIES		50-51
Screwdriver Accessories		50-51



JIG SAW/RECIPROCATING SAW BLADES		52-53
Jig Saw/Reciprocating Saw Blades		52-53



STAINLESS STEEL TOOLS		54-59
WE14-125 Inox Plus		55
PE12-175 (Polisher)		55
Stainless Steel Accessories		56-59



GRINDERS		60-74
W680		64
W780 (4 1/2")		64
W780 (5")		64
WP780		64
W1080 (4 1/2")		65
W1080 (5")		65
W1080 RT		65
W8-115 Kit		66
W8-115		66
W8-115 Quick		66
WP8-115 Quick		67
W8-125		67
WP8-125 Quick		67
WE9-125 Quick		68
W11-125 Quick		68
WP11-125 Quick		69
W11-150 Quick		69
WP11-150 Quick		69
WE14-125 Plus		70
WE14-125 VS		70
WE14-150 Quick		70
WEP14-150 Quick		70
WA11-125 Quick		72
WEPA14-125 Quick		72
WEPA14-150 Quick		72
WEPBA14-125 Quick		73


GRINDERS (continued) 60-74

WEPBA14-150 Quick	73
W2000 (7")	74
W24-180	74
W24-230	74


SURFACE PREP KITS 75

5" Angle Grinder Surface Prep Kit	75
7" Angle Grinder Surface Prep Kit	75


DIE GRINDERS & GRINDING ACCESSORIES 76-77

GE710 Compact	76
GE710 Plus	76
GE950 G Plus	76
Die Grinder Accessories	76
Grinding Accessories	77


CHOP SAW & WET POLISHER 78-79

CS23-355	78
PWE11-100	79


ABRASIVES 80-85

Standard Flap Wheels	80
Interleaved Flap Wheels	80
Non-Woven Flap Wheels	80
Resin Fiber Discs	81
Backing Pads	82
Wire Cup Brushes	82
Wire Wheels	83
Wire End Brushes	83
Diamond Wheels	84
Carbide Burs-Double Cut	85


SANDERS 86-90

SXE450 TurboTec	90
Sandpaper Accessories	90


SPECIAL USE TOOLS 91-92

STEB135 Plus (Jig Saw)	91
Jig Saw Accessories	91
H16-500 (Heat Gun)	92
H20-600 (Heat Gun)	92
HE23-650 (Heat Gun)	92
Heat Gun Accessories	92

MORE METABO 93-103

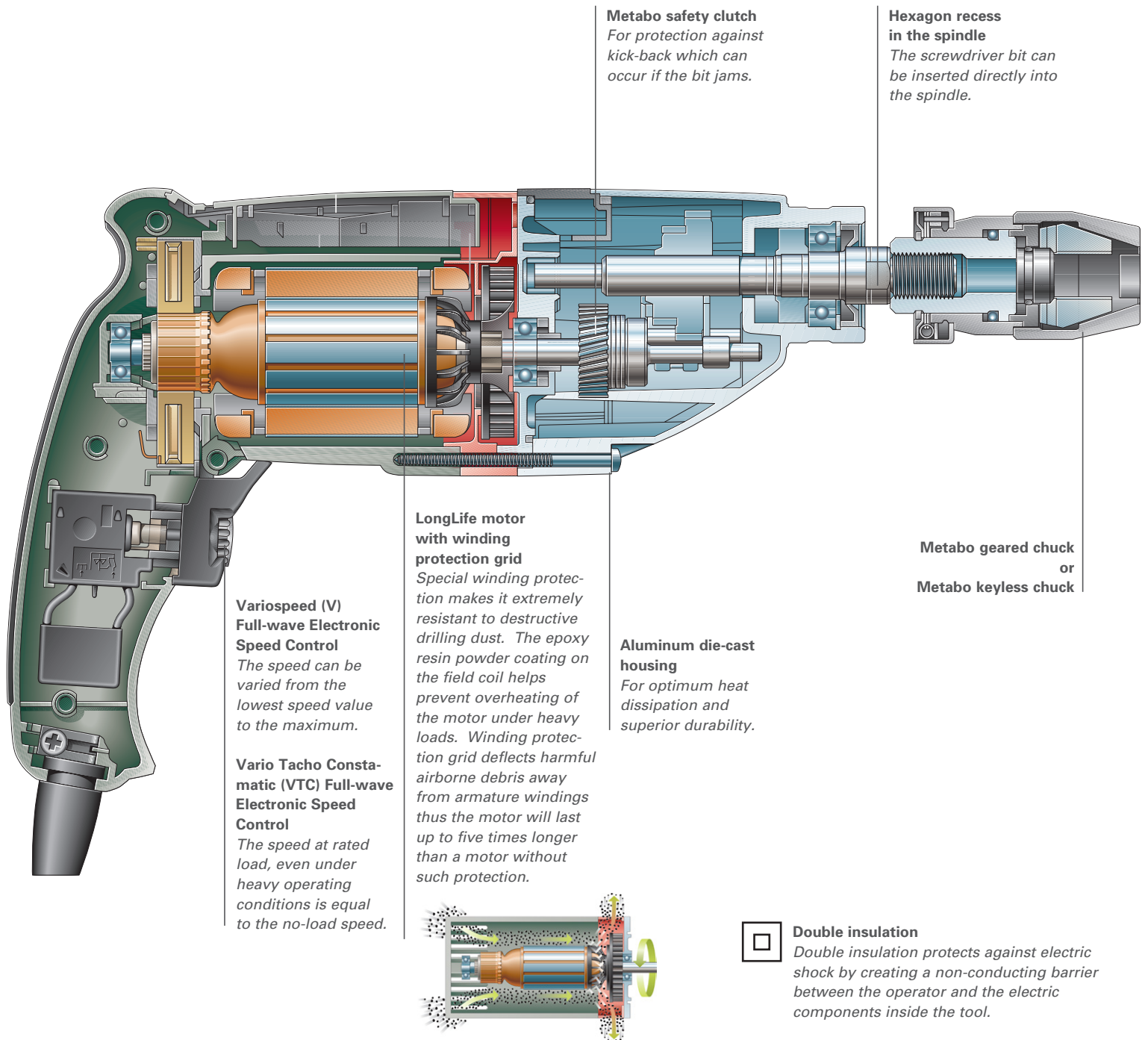
Chucks	93
Carrying Cases	94
Auth. Service Centers	95-96
Parts Reference	97-99
Point of Sale Materials	100-102
Metabo Wear	103



POWER TOOLS BUILT BY PROFESSIONALS FOR PROFESSIONALS

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





Special applications

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



Special areas of application

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



Ergonomic design

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

Which drill for which job?

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

At commercial and residential

CONSTRUCTION SITES

we satisfy the most
stringent demands



BE561
3/8" Drill



BE751
2-speed 1/2" Drill



BE1100
2-speed 1/2" Drill

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



BE75-16
1/2" Triple Gear
Reduction Drill



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

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

Bi-metal Hole Saws

ADVANTAGES

- Teeth are made with hardened alloyed steel, includes 8% cobalt, which increases durability and maximizes life expectancy
- Quicker and more precise material removal
- Irregular tooth shape and spacing helps to minimize vibration
- For use in cast steel, grey cast iron, stainless steel, construction steel, aluminum, bronze, copper, PVC, acrylic, glass and wood

Order No.	Diameter (inches)	Order No.	Diameter (inches)
625160000	9/16"	526188000	2-1/4"
625161000	5/8"	625189000	2-5/16"
625162000	11/16"	625190000	2-3/8"
626163000	3/4"	625191000	2-1/2"
625165000	13/16"	625192000	2-9/16"
625166000	7/8"	625193000	2-5/8"
625167000	15/16"	625195000	2-3/4"
625168000	1"	625196000	2-7/8"
625169000	1-1/16"	625197000	3"
625170000	1-1/8"	625198000	3-1/8"
625171000	1-13/16"	625199000	3-1/4"
625172000	1-1/4"	625200000	3-3/8"
625173000	1-15/16"	625201000	3-1/2"
625174000	1-3/8"	625202000	3-5/8"
625175000	1-7/16"	625204000	3-7/8"
625176000	1-1/2"	625205000	4"
625177000	1-9/16"	625206000	4-1/8"
625178000	1-5/8"	625207000	4-1/4"
625179000	1-11/16"	625208000	4-3/8"
625180000	1-3/4"	625209000	4-1/2"
625182000	1-7/8"	625210000	4-3/4"
625184000	2"	625211000	5"
526186000	2-1/8"	625213000	5-1/2"
		625214000	6"

Bi-metal Hole Saw Kits

625434000 Bi-metal hole saw set (8 pieces)
Carrying case contains bi-metal hole saws: 7/8", 1-1/8", 1-3/8", 1-3/4", 2" and 2-1/2".

For hole saws 9/16" to 1-13/16" use the 9/16" to 1-13/16" adaptor (625215000)
For hole saws 1-1/4" to 6" use the 1-1/4" to 6" adaptor (625216000)



625435000 Bi-metal hole saw set (11 pieces)
Carrying case contains bi-metal hole saws: 7/8", 1-1/8", 1-3/8", 1-3/4", 2" and 2-1/2".

For hole saws 9/16" to 1-13/16" use the 9/16" to 1-13/16" adaptor (625215000)
For hole saws 1-1/4" to 6" use the 1-1/4" to 6" adaptor (625216000)



Power Auger Bits (Wood Bits)



BULL AUGER™

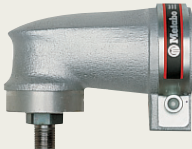
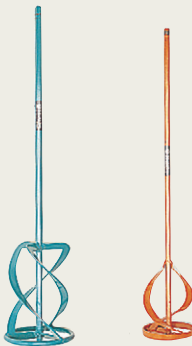
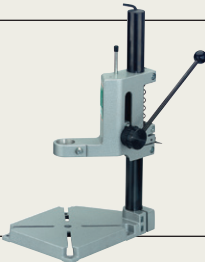



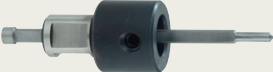
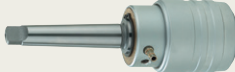




The fastest and most reliable auger bit for electrical, plumbing and other construction work. Excellent for easily drilling holes from 3/8" to 1 1/2" in heavy timber and wood with nails or staples.

- Special hardened feed screw with deep sharp threads pulls the bit quickly and effortlessly through any wood.
- Extra hard cutting edges resist shocks and stay sharp longer.
- Solid centre design provides increased stability when drilling.
- Made of premium quality steel, precisely manufactured and corrosion protected, guaranteeing long life and wobble-free drilling.

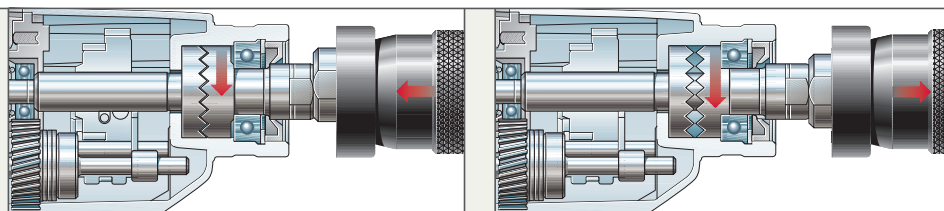
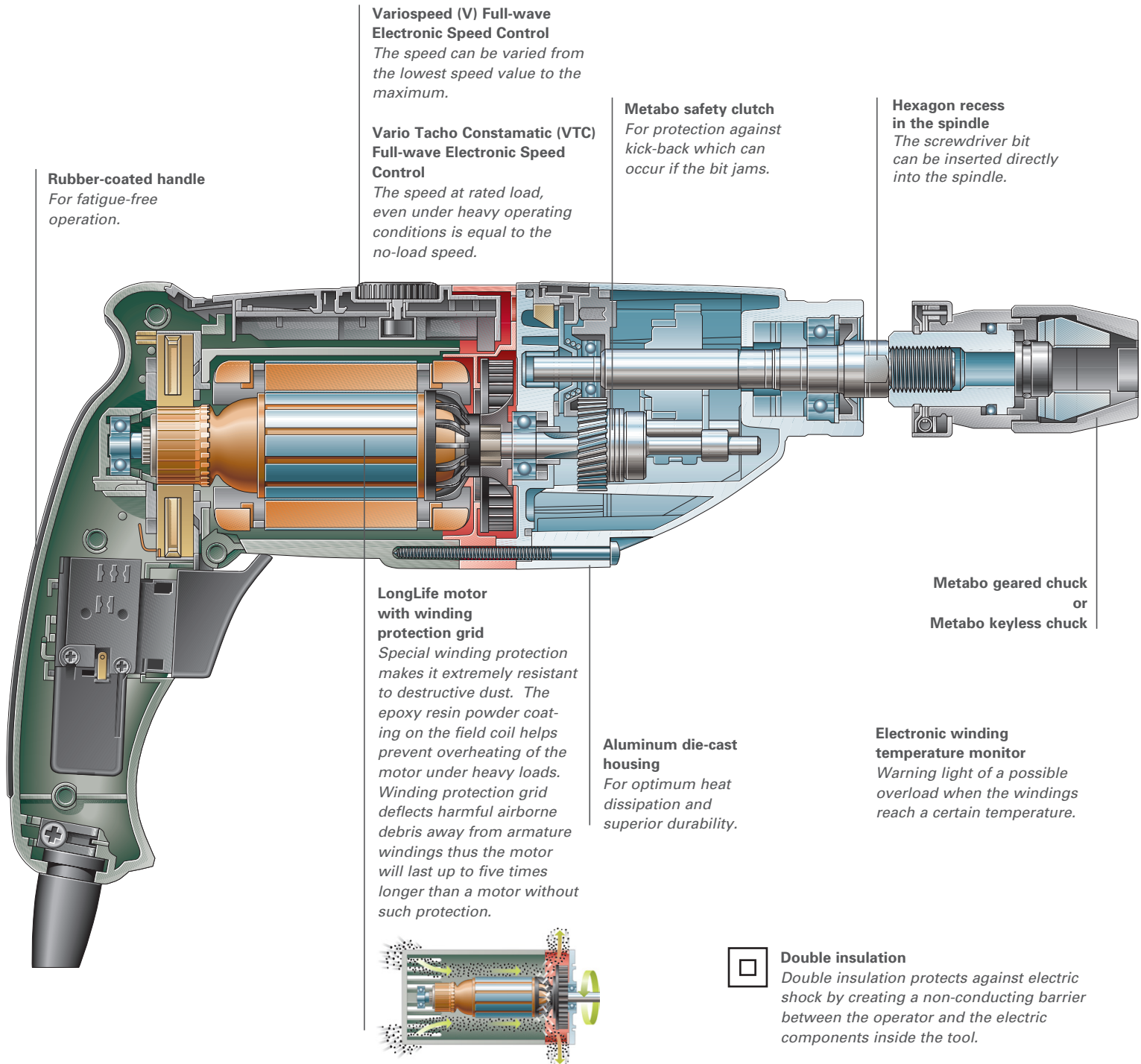
Diameter	Drilling Depth	Overall Length	Shank Size	Order No.
3/8"	5"	8"	5/16"	673 206 000
1/2"	5"	8"	5/16"	673 208 000
9/16"	5"	8"	5/16"	673 209 000
5/8"	5"	8"	5/16"	673 210 000
3/4"	5"	8"	5/16"	673 212 000
13/16"	5"	8"	5/16"	673 213 000
7/8"	5"	8"	7/16"	673 214 000
15/16"	5"	8"	7/16"	673 215 000
1"	2"	5"	7/16"	673 350 000
1 1/4"	5"	8"	7/16"	673 304 000

3/8"	15"	18"	5/16"	673 006 000
1/2"	15"	18"	5/16"	673 008 000
5/8"	15"	18"	7/16"	673 010 000
11/16"	15"	18"	7/16"	673 011 000
3/4"	15"	18"	7/16"	673 012 000
13/16"	15"	18"	7/16"	673 013 000
7/8"	15"	18"	7/16"	673 014 000
15/16"	15"	18"	7/16"	673 015 000
1"	15"	18"	7/16"	673 100 000
1 1/8"	15"	18"	7/16"	673 102 000
1 1/4"	15"	18"	7/16"	673 104 000
1 1/2"	15"	18"	7/16"	673 108 000

Accessories

	<p>631078000 Right Angle Drive</p> <div> <p>Drive Ratio: 1:1 Thread size: 1/2"x 20 UNF Weight: 1 1/4 lbs. Length: 4"</p> <ul style="list-style-type: none"> • Converts all Metabo pistol grip drills and hammer drills with side handles to right angle tools (can be used on hammer drills in drilling mode only) • Right angle drive allows access for hard to reach application </div>	 <p>631043000 631044000</p>	<p>Mixers</p> <p>631043000 Heavy-duty Mixer 5 1/2" diameter stirrer useable for mixing materials of heavy consistency. Overall length is 24 inches</p> <p>631044000 Mini-mixer 4" diameter stirrer suitable for medium consistency materials. Overall length is 23 inches</p>
	<p>600890000 Drill Stand Adjustable depth guide. Tool clamp dia.: 43 mm Stroke: 2 9/16" Distance - center to column: 6 1/2" Base dimensions: 8 5/8" x 8 3/8"</p>		<p>626607000 Chip Guard</p>
	<p>626611000 Weldon 3/4" to 1/2-20 Chuck Adaptor Allows use of any chuck with 1.2-20 mounting threads.</p>		<p>626608000 Centering pin 3" 626609000 Centering pin 4"</p>
	<p>626600000 Adaptor for Weldon to FEIN Quick IN</p>		<p>626604000 Quick change Weldon 3/4" tool holder Tool-less cutter change.</p>
	<p>625215000 Adaptor 3/8" Arbor size for 9/16" to 1-13/16" hole saws.</p>		<p>627253000 X3 Attachment Multiplies torque by 3 times for tasks that demand more power. Fits the BS18LTX Quick, BE1100, and BE75-16.</p>
	<p>625216000 Adaptor 3/8" Arbor size for 1-1/4" to 6" hole saws.</p>		<p>625220000 Pilot Drill Size: 1/4" x 3-1/2" For work with the bi-metal hole saws in combination with the anchor adaptor (625215000)</p>





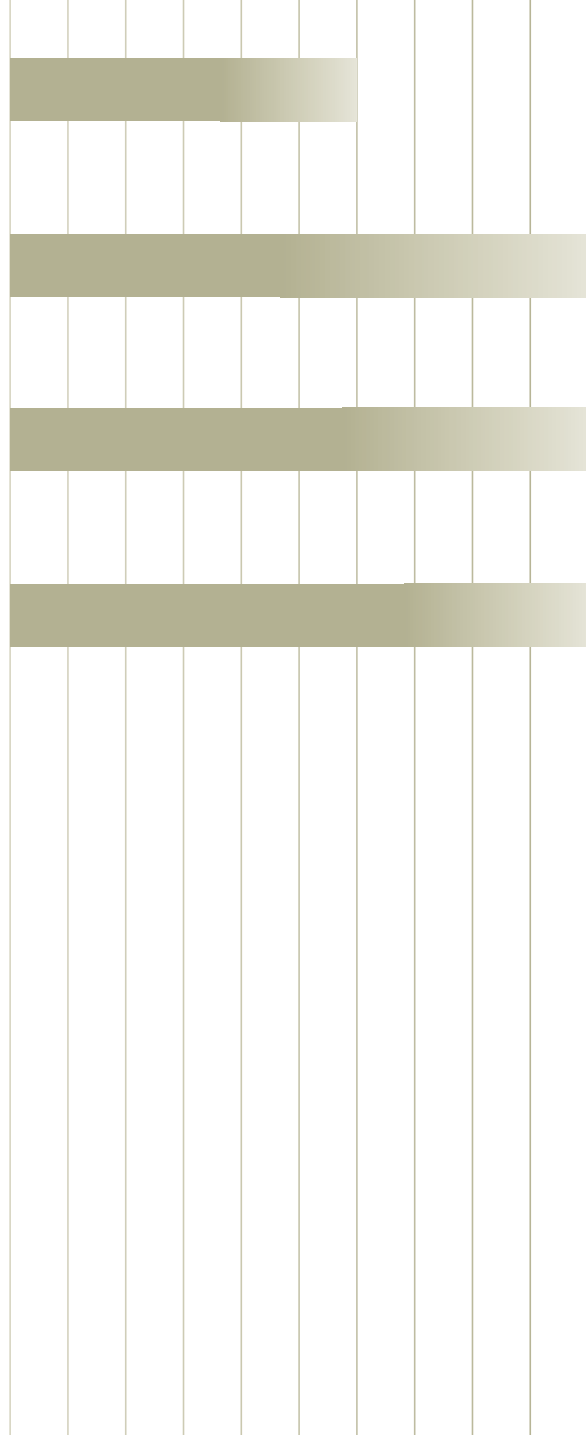
Optimized impact mechanism

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

For what job? Which hammer drill?

Hammer drilling in concrete/stone (inches)

5/32" 3/16" 7/32" 5/16" 3/8" 15/32" 1/2" 9/16" 5/8" 11/16" 3/4"



Drilling in Metal max. inches

Wood

Type and output

Page

3/8"

3/4"

SBE561
560 Watt
4.5 Amps

19

1/2"

1 9/16"

SBE710
710 Watt
5.8 Amps

20

1/2"

1 9/16"

SBE751
750 Watt
6.5 Amps

20



5/8"

1 9/16"

SBE1100
1,100 Watt
9.6 Amps

20

For larger diameters you should choose a
Metabo rotary hammer: see Page 26-30

 Optimum range
 Possible range

We are always a step

AHEAD

of others



SBE561
1/2" Hammer Drill

Model #	SBE561
Order #	601160420
Variospeed (V) electronics	●
Maximum speed controlled by adjusting dial	●
Reversing switch	●
Rubber coated comfort handle	●
Chuck	1/2" Geared
Maximum tightening torque	40 inch lbs.
	Also available in 220V
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:

631600000 Dust extraction kit

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





SBE710
1/2" Hammer Drill



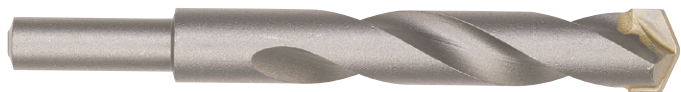
SBE751
1/2" Hammer Drill



SBE1100 Plus
1/2" Hammer Drill

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

Straight Shank Concrete Bits


VX2™

VX2 bits are specifically designed for use at high RPM and percussion rates. They drill more holes faster than standard bits in all types of masonry, concrete and stone.

Special carbide with speed tip design for precise centering and faster drilling times.

Welded to the body at over 1100°C for increased heat resistance.

Precisely ground flutes remove drilling dust quickly and efficiently.

Drill body made of tough chrome nickel steel, specially hardened and surface treated for highest resistance.

Concrete Bits

	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

VX2™-T TAPCON® Concrete Bits



Specially designed to drill holes with TAPCON® style anchor systems. Drill more holes in the toughest aggregate.

Diameter Inch	mm	Drilling Depth	Overall Length	Order No.
5/32"	4	2 1/2"	3 1/2"	674 455 000
5/32"	4	3 1/2"	4 1/2"	674 465 000
5/32"	4	4 1/2"	5 1/2"	674 475 000
3/16"	5	2 1/2"	3 1/2"	674 456 000
3/16"	5	3 1/2"	4 1/2"	674 466 000
3/16"	5	4 1/2"	5 1/2"	674 476 000
3/16"	5	5 1/2"	6 1/2"	674 486 000

(Quantity 10/pack)

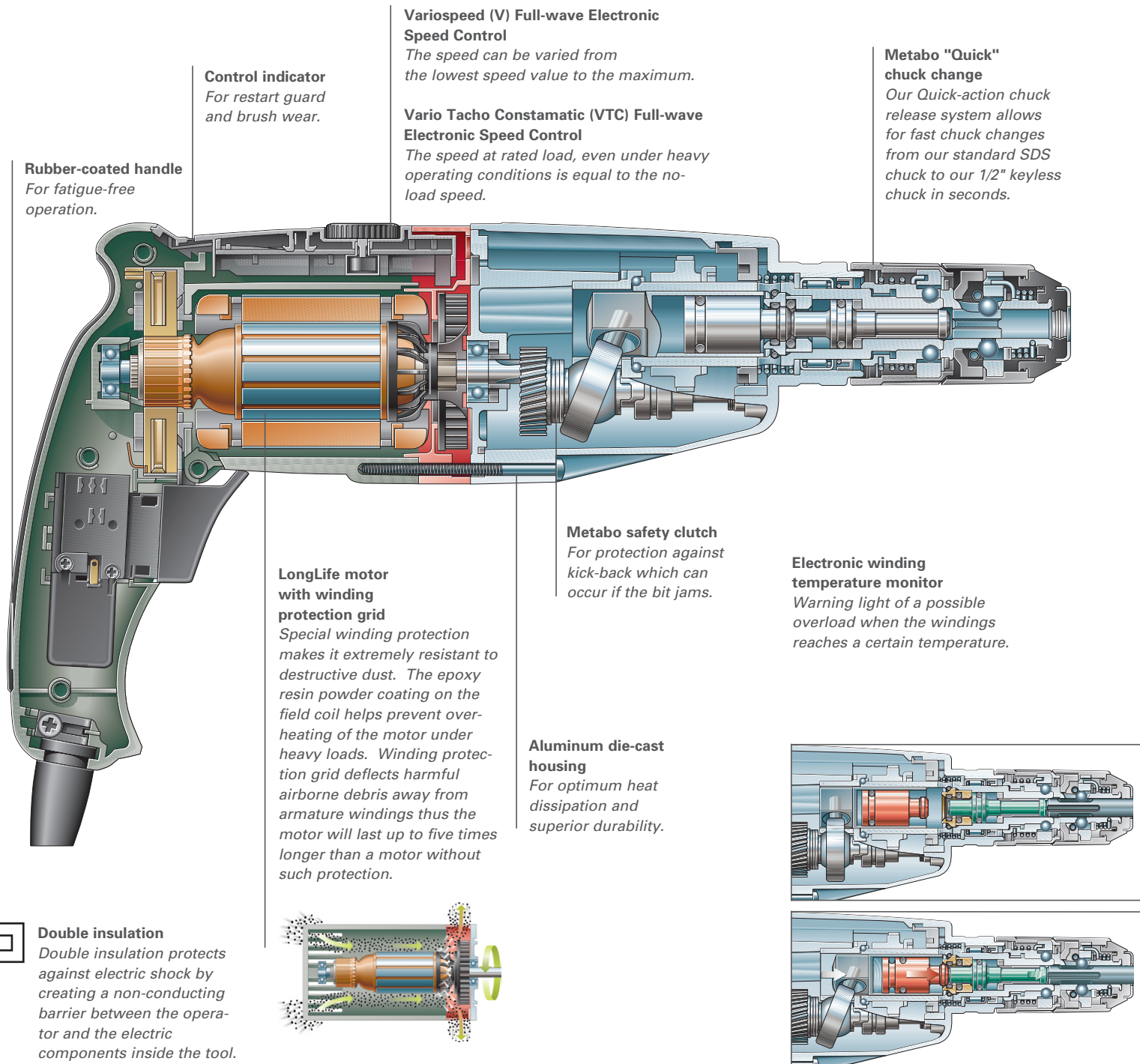
*TAPCON is a registered trademark of Illinois Tool Works Inc.



THE TOUGHEST TOOLS IN TOWN.

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

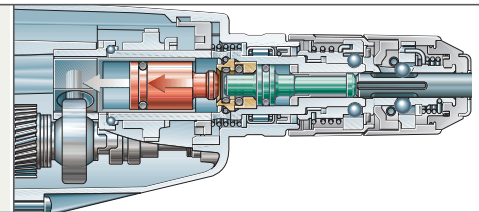
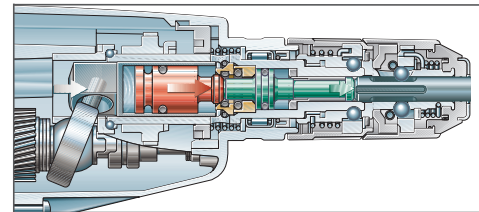
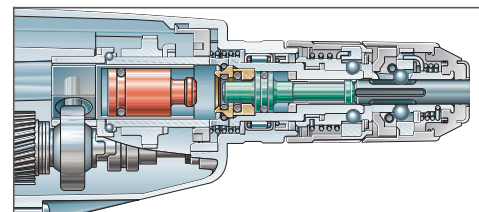




Relaxed working due to ergonomic design
Optimum tuning of the design to the user's needs enables safe, comfortable and fatigue-free work.



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



Which is the right rotary hammer for you?

Hammer drilling in concrete/stone (inches)																Drilling in Metal max. inches	Drilling in Wood max. inches	Chiselling		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"					Light	Heavy			
Multi-hammers																						
																1/2"-5/16"	2 5/8"-3/4"			UHE2650 2.7 J		28
																1st / 2nd gear		● ● ●	○ ○ ○			
Rotary hammers																						
																1/2"	1 3/16"			BHE2243 2.3 J		26
																		○ ○ ○	○ ○ ○			
Combination rotary hammers																						
																1/2"	1 3/16"	● ● ○	○ ○ ○	KHE2243 2.3 J		26
																1/2"	1 3/16"	● ● ○	○ ○ ○	KHE-D24 2.2 J		27
																1/2"	1 9/16"	● ● ●	○ ○ ○	KHE-D28 2.5 J		27
																1/2"	1 3/8"	● ● ●	● ○ ○	KHE3250 3.1 J		28
																—	—	● ● ●	● ● ○	KHE56 14 J		29
																—	—	● ● ●	● ● ●	KHE76 16 J		29
																—	—	● ● ●	● ● ●	KHE96 27 J		29
Chipping hammers																						
																—	—	● ● ●	● ● ●	MHE56 14 J		30
																—	—	● ● ●	● ● ●	MHE96 27 J		30

We are also

DEMANDING

of our business partners



BHE2243
7/8" SDS Rotary Hammer



KHE2443
1" SDS Rotary Hammer
with Rotostop

NEW

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



KHE-D24
1" SDS Rotary Hammer
w/Rotostop



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

D-Stroyer™ Rotary Hammers

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

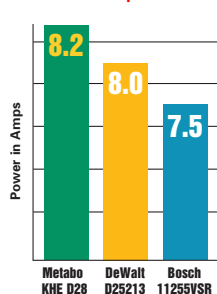
KHE-D28

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

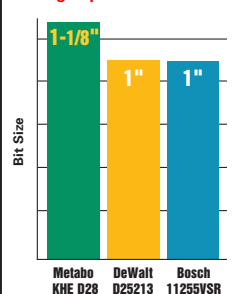
KHE-D24

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

Power Comparisons



Drilling Capacities in Concrete



Model #	KHE-D24	KHE-D28
Order #	600223420	600224420
Single blow energy (measured in joules)	0-2.2	0-2.5
Variospeed (V) electronics	●	
Vario tacho constamatic (VTC) electronics		●
LongLife motor	●	●
Quick-change chuck system		●
Chisel positions	● 12 settings	● 12 settings
Percussion stop for drilling only operations	●	●
Rotation stop for chiseling operations	●	●
Aluminum die-cast gear housing	●	●
Reversing switch	●	●
Metabo slip clutch	●	●
Rubber coated handle	●	●
Carbon brush wear indicator		●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Maximum tightening torque	106 inch lbs.	177 inch lbs

Capacity		
- in concrete using solid bits	1"	1 1/8"
- in brickwork using thin wall core bits	3 1/8"	3 1/2"
- in mild steel	1/2"	1/2"
- in softwood	1 3/16"	1 9/16"
No-load speed (RPM)	0-1000	0-1000
No-load blows per minute (BPM)	0-4600	0-4600
Amps	5.6	8.2
Rated input watts	720	1010
Tool weight	7.4 lbs.	8.1 lbs.
Shipping weight	12.3 lbs.	13.0 lbs.
Length	16 3/4"	18"
Carrying case	344454120 (standard)	344454120 (standard)
Standard Equipment:	Side handle (314000770)	Side handle (314000770)
	Depth gauge (341511630)	Depth gauge (341511630)
Optional Equipment:	Dust extraction kit (631600000)	1/2" Keyless 3-jaw chuck (631921000)
		Dust extraction kit (631600000)

(See page 34 for SDS-Plus masonry bits and page 40 for SDS-Plus chisels)



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



KHE3250
1 1/8" 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 #	UHE2650 Multi	KHE3250
Order #	600952420	600637420
Single blow energy (measured in joules)	0-2.75	0-3.1
Vario tacho constamatic (VTC) electronics	●	
Variospeed (V) electronics		●
LongLife motor	●	●
2-speed gear-box for drilling wood or metal	●	
Quick-change chuck system	●	
Chisel positions	● 30 settings	● 12 settings
Percussion stop for drilling only operations	●	●
Rotation stop for chiseling operations	●	●
Aluminum die-cast gear housing	●	●
Reversing switch	●	●
Metabo slip clutch	●	●
Rubber coated handle	●	●
Carbon brush wear indicator	●	
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic speed stabilization	●	
Variable speed controlled by adjusting dial	●	
Winding temperature monitor	●	
Swivel cord connection	●	●
Maximum tightening torque	195 inch lbs.	177 inch lbs.
Also available in 220V		
Capacity		
- in concrete using solid bits	1 1/8"	1 1/8"
- in brickwork using thin wall core bits	3 1/8"	3 1/8"
- in mild steel	1/2" - 5/16"	1/2"
- in softwood	2 5/8" - 3/4"	1 3/8"
No-load speed (RPM)	0-950/0-2600	0-1150
No-load blows per minute (BPM)	0-4400	0-4470
Amps	9.0	8.5
Rated input watts	1010	800
Tool weight	8.1 lbs.	7.3 lbs.
Shipping weight	13.5 lbs.	12.5 lbs.
Length	15 9/16"	12.5"
Carrying case	344454110 (standard)	344454080 (standard)

Standard Equipment:

Side handle (314001230)	Side handle (314000880)
Depth gauge (343398230)	Depth gauge (341511630)
1/2" Keyless 3-jaw chuck (631930000)	
SDS chuck (316046990)	

Optional Equipment:

Dust extraction kit (631600000)



KHE76
2" SDS-Max Rotary Hammer



KHE56
1 3/4" SDS-Max Rotary Hammer



KHE96
2" SDS-Max Rotary Hammer

Model #	KHE56	KHE76	KHE96
Order #	600340420	600341420	600596420
Single blow energy (measured in joules)	1-14.0	1-16.0	1-27.0
Vario tacho constamatic (VTC) electronics	●	●	●
Suitable for chiselling work w/rotation stop	●	●	●
Chisel positions	● 12 settings	● 12 settings	● 16 settings
MVT vibratex handles	●	●	●
Active vibration control		●	
Metal die-cast gear housing	● magnesium	● magnesium	● aluminum
Impact reduction switch	●	●	
Metabo slip clutch	●	●	●
Carbon brush wear indicator	●	●	●
Variable speed controlled by adjusting dial			●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Electronic speed stabilization	●	●	●
360° Support handle	●	●	●
Maximum tightening torque	796 inch lbs. Also available in 220V	796 inch lbs. Also available in 220V	1062 inch lbs. Also available in 220V
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 34 for SDS-Plus masonry bits and page 40 for SDS-Plus chisels)



MHE56
SDS-Max Demolition Hammer



MHE96
SDS-Max Demolition Hammer

Model #	MHE56	MHE96
Order #	600366420	600396420
Single blow energy (measured in joules)	1-14.0	1-27.0
Vario tacho constamatic (VTC) electronics	●	●
Lock on switch	●	●
Chisel positions	● 12 settings	● 16 settings
MVT Vibration damping construction	●	●
Metal die-cast gear housing	● magnesium	● aluminum
Impact reduction switch	●	
Carbon brush wear indicator	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic speed stabilization	●	●
Variable speed controlled by adjusting dial		●
360° Support handle	●	●
	Also available in 220V	Also available in 220V
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 40 for SDS-Max chisels)

Accessories	
 <p>631600000 Dust extraction kit for corded and cordless drills, hammer drills and SDS-Plus rotary hammers. Includes handle, hose and 2 vacuum adaptors.</p>	 <p>623371000 SDS-Max to SDS adaptor</p>
 <p>631591000 Dust extraction device for hammer drills and SDS hammers with depth stop for 5/8" - 1 9/16" diameter bits. Requires 631594000.</p>	 <p>676137000 Spline to SDS-Max adaptor</p>
 <p>631594000 Support handle (goes with 631590000 & 631591000) for fitting the dust-extraction devices on the collar of the tool.</p>	 <p>630276000 Spline to SDS-Plus adaptor</p>
 <p>631592000 Vacuum hose 15' long with 30mm internal diameter and 35mm external diameter con- necting pieces. Requires 630316000 or 631593000 adaptor.</p>	 <p>630928000 SDS chuck adaptor 1/2 x 20 threads. Use it to mount specialty chucks and accessories on Metabo SDS rotary hammers.</p>
 <p>630316000 Adaptor Used for connecting 631592000 vacuum hose to standard 2 1/4" vacuum inlets.</p>	 <p>631285000 SDS chuck adaptor Suitable for drilling applications only. For use with most 1/2 x 20 thread chucks on all Metabo SDS rotary hammers (includes clamping bushing for 1/4" hex accessories).</p>
 <p>631593000 Adaptor Used for connecting 631592000 vacuum hose to standard 1 1/4" vacuum inlets.</p>	 <p>631921000 Quick-action drill chuck For use with the KHE-D28.</p>
 <p>600890000 Drill Stand Adjustable depth guide. Tool clamp dia.: 43 mm Stroke: 2 9/16" Distance - center to column: 6 1/2" Base dimensions: 8 5/8" x 8 3/8"</p>	 <p>631930000 Quick-action drill chuck For use with the UHE2650.</p>
	 <p>631920000 SDS Plus chuck For use with the KHE-D28.</p>
	 <p>316046990 SDS Plus chuck For use with the UHE2650.</p>

Masonry & Concrete Bit Program

Superior Speed, Durability & Reliability



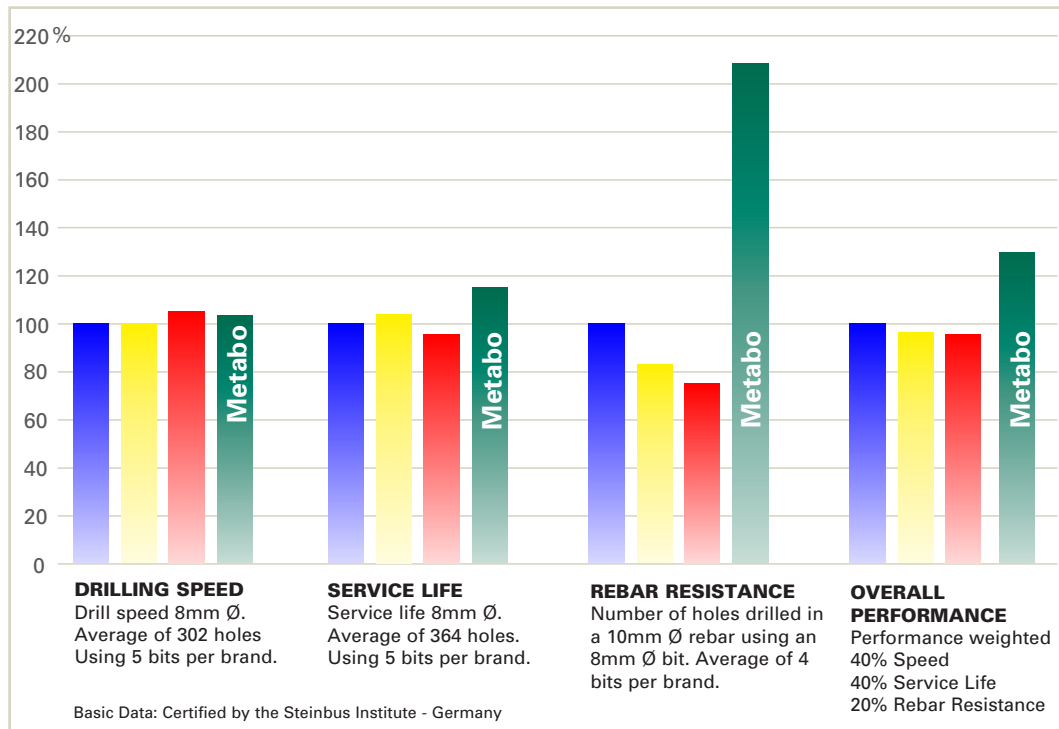
V *Triathlon*
EE FLUTE

V *max* [®] *multi-fit*

BLUE-STEEL [™]

SDS Plus Concrete Bits

The new Vee Flute Triathlon bit is a real technological breakthrough. The key is the innovative tip and flute design. Vee Flute Triathlon bits provide faster drilling times, endure more rebar hits, and last longer than competitive bits.



Unique Triathlon Tip with:

- Two cutting heads
- More carbide content

Faster Drilling!

The unique triathlon tip provides better centering and more accurate holes from a sharper cutting edge with two centre points.

Faster dust removal, increased speed and reduced wear due the unique concave design.

Up to 15% Longer Service Life

Dramatically increased drill bit service life due to the higher carbide content on both cutting edges of the tip.



Unique Triathlon Flute with:

- Double flute design
- Exclusive blasting finish

Up to 2 times Greater Resistance to Rebar Hits!

Breakage is significantly reduced by the stronger yet flexible surface achieved through an exclusive blasting technique.

Superior Overall - Speed, Durability & Reliability

The unique combination of wide and narrow flutes ensures maximum power transfer and increased stability of the core of the bit. The results are greater power, faster drilling and longer bit life.

SDS Plus Concrete Bits



Made in Germany
Triathlon
VEE FLUTE

SDS Plus Bits



Tools Capacity KHE BHE		Diameter Inch mm		Drilling Depth	Overall Length	Order No.
		5/32"	4	2"	4"	US 674 505 000
		5/32"	4	4"	6"	US 674 605 000
		3/16"	5	2"	4"	US 674 506 000
		3/16"	5	4"	6"	US 674 606 000
		3/16"	5	7"	9 1/2"	US 674 706 000
		7/32"	5.5	2"	4"	US 674 507 000
		7/32"	5.5	4"	6"	US 674 517 000
		1/4"	6.5	2"	4"	US 674 508 000
		1/4"	6.5	4"	6"	US 674 708 000
		1/4"	6.5	6"	8"	US 674 808 000
		1/4"	6.5	9"	11 1/2"	US 674 908 000
		5/16"	8	4"	6"	US 674 510 000
		5/16"	8	6"	8"	US 674 710 000
		5/16"	8	10"	12"	US 674 810 000
		3/8"	10	4"	6"	US 674 512 000
		3/8"	10	8"	10"	US 674 712 000
		3/8"	10	10"	12"	US 674 812 000
		3/8"	10	15 1/2"	18"	US 674 912 000
		3/8"	10	19 1/2"	22"	US 674 932 000
		7/16"	11	4"	6"	US 674 514 000
		1/2"	13	4"	6"	US 674 516 000
		1/2"	13	7 1/2"	10"	US 674 716 000
		1/2"	13	15 1/2"	17 1/2"	US 674 816 000
		1/2"	13	21"	23 1/2"	US 674 916 000
		9/16"	14	4"	6"	US 674 518 000
		5/8"	16	7"	9 1/2"	US 674 520 000
		5/8"	16	9 1/2"	12"	US 674 620 000
		5/8"	16	15"	17 1/2"	US 674 720 000
		5/8"	16	21"	23 1/2"	US 674 820 000
		11/16"	18	7"	9 1/2"	US 674 522 000
		3/4"	19	7"	9 1/2"	US 674 524 000
		3/4"	19	9 1/2"	12"	US 674 624 000
		3/4"	19	15 1/2"	18"	US 674 724 000
		3/4"	19	21"	23 1/2"	US 674 824 000
		7/8"	23	7"	9 1/2"	US 674 528 000
		7/8"	23	15"	17 1/2"	US 674 728 000
		1"	26	7"	10"	US 674 600 000
		1"	26	15"	17 1/2"	US 674 800 000
		1 1/8"	29	7"	10"	US 674 804 000

(Individually packaged in vinyl pouches.)

SDS Plus Bulk Packs

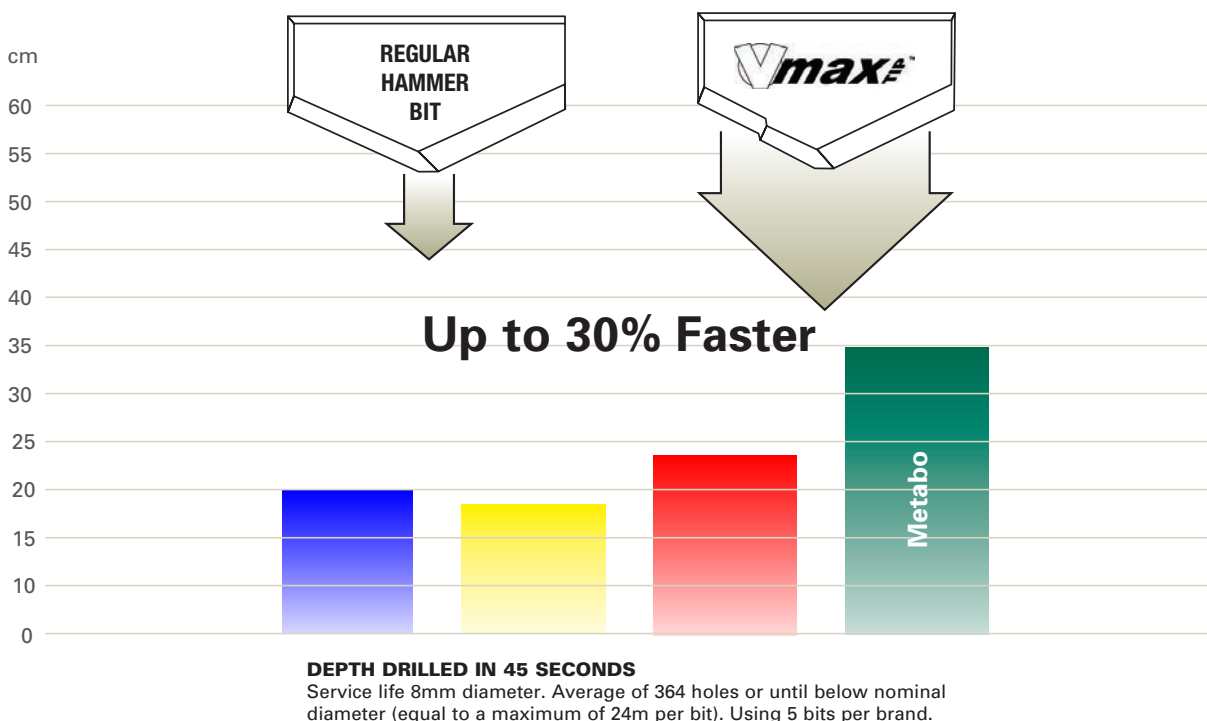
Diameter Inch mm		Drilling Depth	Overall Length	Order No.
3/16"	5	2"	4"	US 674 556 000
3/16"	5	4"	6"	US 674 656 000
1/4"	6.5	2"	4"	US 674 558 000
1/4"	6.5	4"	6"	US 674 758 000
5/16"	8	4"	6"	US 674 560 000
3/8"	10	4"	6"	US 674 562 000
1/2"	13	4"	6"	US 674 566 000

(Quantity 25/pack)

SDS Max & Spline Concrete Bits

Until recently it was believed that the 4-cutter tip design in concrete bits delivered the optimum drilling performance. However, after many years of research it has now been proven that the three-cutter design used in Metabo's SDS Max and Spline hammer bits are actually faster, more durable and more comfortable to use.

The innovative 3-cutter design increases hitting power and provides faster dust removal resulting in fewer bit jams, faster drilling and greater power in every blow.



View from Top

Dramatically Faster

The unique carbide tip design with 3 contact points increases hitting power resulting in up to **30% faster drilling rates** compared to standard bits. The extra slim tip design leaves up to 60% more space for quicker dust extraction and less wear.

Superior Productivity

Unlike conventional hammer bits with 4 cutting points, the V-max tips offers less friction and wear for and up to **27% longer bit life**.

Optimal Ergonomic

Recessed side inserts reduce vibration and noise thus reducing stress to the operator while producing true round holes.

SDS Max & Spline Hammer Bits, Core Bits & SDS Max Extension System

SDS Max Hammer Bits



Tools Capacity	Tip	Diameter Inch	Diameter mm	Drilling Depth	Overall Length	Order No.
KHE 56	2 cutters	1/2"	13	7 1/2"	13"	US 676 516 000
		1/2"	13	11"	17"	US 676 616 000
		1/2"	13	16"	21"	US 676 716 000
KHE 76	3 cutters Vmax	5/8"	16	7 1/2"	13"	US 676 520 000
		5/8"	16	11"	17"	US 676 620 000
		5/8"	16	16"	21"	US 676 720 000
		5/8"	16	31"	36"	US 676 820 000
		11/16"	18	16"	21"	US 676 722 000
		3/4"	19	7 1/2"	13"	US 676 524 000
		3/4"	19	11"	17"	US 676 624 000
		3/4"	19	16"	21"	US 676 724 000
		3/4"	19	31"	36"	US 676 824 000
		7/8"	23	7 1/2"	13"	US 676 528 000
		7/8"	23	11"	17"	US 676 628 000
		7/8"	23	16"	21"	US 676 728 000
		1"	26	7 1/2"	13"	US 676 700 000
		1"	26	11"	17"	US 676 800 000
		1"	26	16"	21"	US 676 900 000
		1 1/8"	28	11"	17"	US 676 804 000
		1 1/8"	28	17"	22"	US 676 904 000
		1 1/4"	32	11"	17"	US 676 808 000
		1 1/4"	32	17"	22"	US 676 908 000
		1 1/4"	32	31"	36"	US 676 938 000
		1 3/8"	35	17"	22"	US 676 912 000
		1 1/2"	38	17"	22"	US 676 916 000
		1 3/4"	45	14"	17"	US 676 924 000

(Individually packaged in resistant plastic twist-off tube.)
Trademark of Robert Bosch Inc.

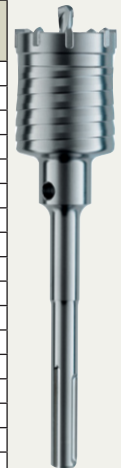
Spline Hammer Bits

Order No.	Diameter	Drilling Depth	Overall Length
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

(Individually packaged in resistant plastic twist-off tube.)

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

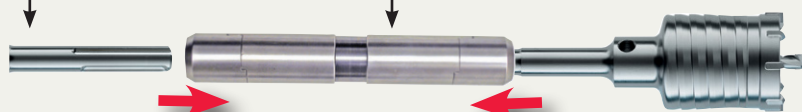
*included with one piece core bits

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



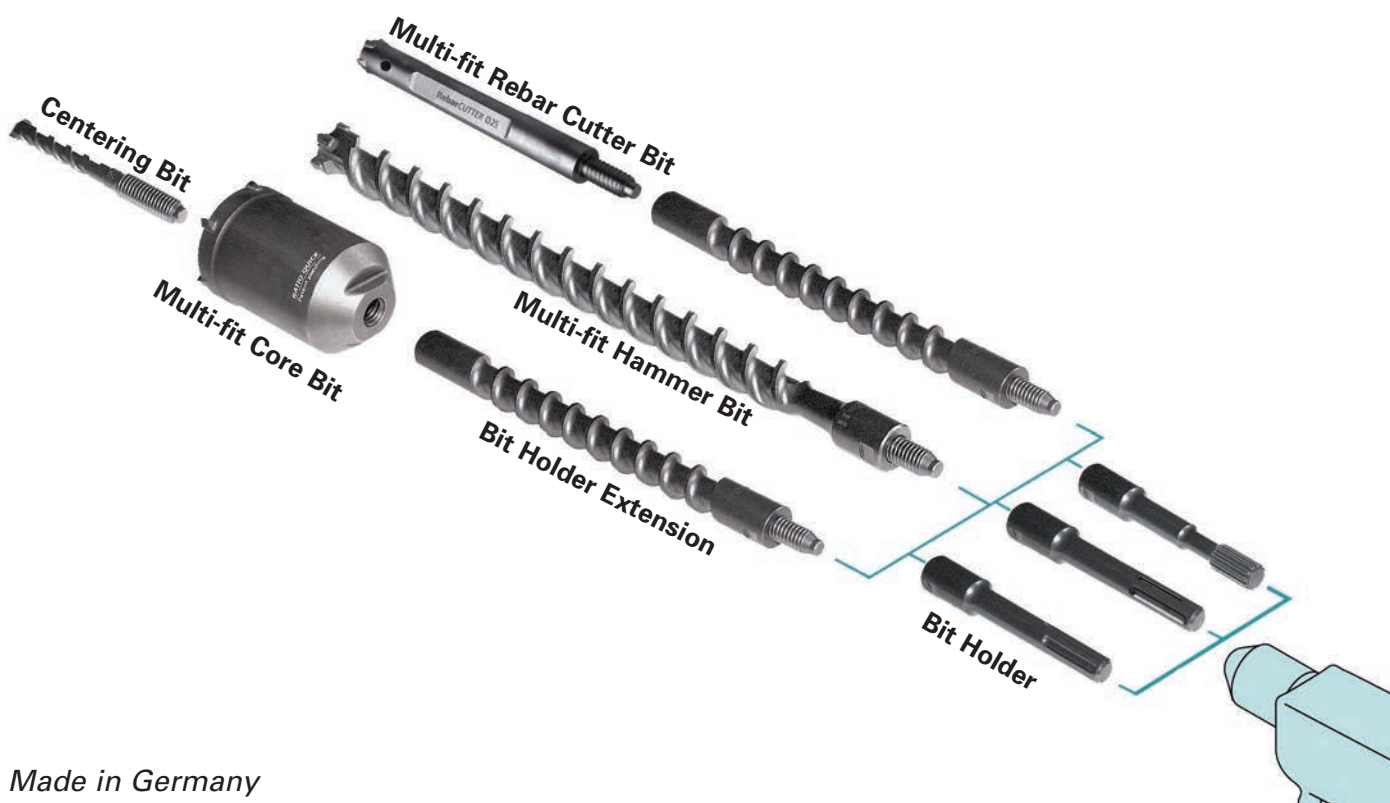
Description	Order No.
EXTENSION-SDS MAX 83"	675711000
EXTENSION-SDS MAX 63"	675709000

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

Multi-fit Universal Concrete Bits System & Core Bits

Multi-fit Universal Concrete Bits System Features:

- An easy to use assemble and disassemble concrete bit system.
- Flexible enough to drill holes up to 5" in diameter.
- Suitable for drilling up to 4.5 ft depth.
- Adapter, extensions, hammer bits and core bits can be used in countless combinations to tackle any application.
- Ideal for use with almost every rotary hammer available today.



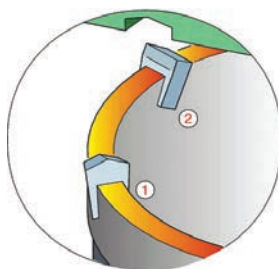
Made in Germany

Multi-fit Core Bits

Diameter Inch mm	Length	Order No.
1 1/2" 38	4"	US 675 716 000
2" 51	4"	US 675 720 000
2 1/2" 63	4"	US 675 726 000
3" 63	4"	US 675 730 000
3 1/2" 89	4"	US 675 736 000
4" 102	4"	US 675 740 000
4 1/2" 114	4"	US 675 745 000
5" 127	4"	US 675 750 000
Center bit 6"		US 675 701 000
Bit Holder Extension 1" x 11"		US 675 702 000
Bit Holder Spline		US 675 910 000
Bit Holder SDS Max		US 675 915 000

(Individually packaged in resistant plastic twist-off tube.)

New patented design with body clearance drills faster. New tooth geometry provides better centering, improved resistance to rebar and longer bit life.



- 1) Flat spade teeth
- 2) Sharp chisel teeth

Tungsten carbide teeth

Extremely sturdy providing longer service life.

Metabo Surface Treatment

Increases resistance to breakage, extending bit's service life.

Interchangeable Threaded Pilot Bits

Easily removable and reusable versus competitive tapered bits.

Multi-fit Universal Concrete Bits System

Multi-fit Hammer Bits



Made in Germany



Hammer bits in our multi fit system feature the same ultra efficient tip and flute design as found on our SDS Max and Spline shank hammer bits. The benefits are 30% faster drilling, 27% longer bit life and complete flexibility as part of the Multi-fit system!



Replacement threaded bolt for Multi-fit hammer bits and bit holder extension.

Tools Capacity		Tip	Diameter Inch mm		Drilling Depth	Overall Length	Order No.		
KHE 54 KHE 56 KHE 76 KHE 2443 KHE-D28 KHE 32 BHE 2243 KHE-D24 UHE 2650	2 cutters		3/8"	10	6"	9"	US675212000		
			1/2"	13	4"	7"	US675016000		
			1/2"	13	10"	13"	US675216000		
			1/2"	13	16"	19"	US675316000		
			1/2"	13	22"	25"	US675516000		
			5/8"	16	4"	7"	US675020000		
			5/8"	16	10"	13"	US675220000		
			5/8"	16	16"	19"	US675320000		
			3/4"	19	4"	7"	US675024000		
			3/4"	19	10"	13"	US675224000		
	3 cutters Vmax		3/4"	19	16"	19"	US675324000		
			3/4"	19	22"	25"	US675524000		
			7/8"	23	10"	13"	US675028000		
			7/8"	23	16"	19"	US675328000		
			1"	26	10"	13"	US675100000		
			1"	26	16"	19"	US675400000		
			1"	26	22"	25"	US675600000		
			1 1/8"	28	16"	19"	US675404000		
			1 1/4"	32	10"	13"	US675108000		
			1 1/4"	32	16"	19"	US675408000		
Bit Holder Extension 1" x 11"						US675412000			
1 3/8"						35	16"	19"	US675412000
Bit Holder Extension 1" x 11"							US675702000		
Threaded bolt							US675703000		

(Individually packaged in resistant plastic twist-off tube.)

Multi-fit Rebar Cutter Bits



Rebar Cutter Features:

Carbide tungsten teeth are individually soldered for extreme durability and fast cutting.
Designed for cutting rebar in hammer mode operation.
Can quickly and easily cut through rebar up to 3/8" thick.
Simple removal of reinforcement materials from the drill bit body.
Recommended to be used with SDS Plus rotary hammers only.

Dia.	Useable Length	Overall Length	Order No.
1/2"	7 1/2"	9"	US675841000
9/16"	7 1/2"	9"	US675842000
5/8"	7 1/2"	9"	US675843000
11/16"	7 1/2"	9"	US675844000
3/4"	7 1/2"	9"	US675845000
13/16"	7 1/2"	9"	US675846000
7/8"	7 1/2"	9"	US675847000
1"	7 1/2"	9"	US675848000
1 1/8"	7 1/2"	9"	US675849000
1 1/4"	7 1/2"	9"	US675850000
Rebar Multi-Fit Kit 1/2", 5/8" 3/4"			US675852000

available by special order only

Multi-fit Universal Concrete Bits System

Multi-Fit Bit Holders

Bit Holders
 <p>SDS Plus US 675 934 000 Overall Length 4 1/2"</p>
 <p>SDS Max US 675 915 000 Overall Length 7 1/4"</p>
 <p>Spline US 675 910 000 Overall Length 7"</p>
 <p>Hex. Shank US 675 936 000 Overall Length 7"</p>
 <p>Hex. Shank US 675 907 000 Length 6"</p>
 <p>Round Hex. Shank 9/16" Overall Length 6 1/2" - US 675 916 000 Round Hex. Shank 3/4" Overall Length 8" - US 675 931 000</p>

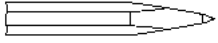

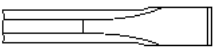
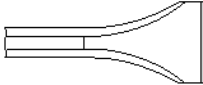
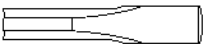
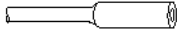
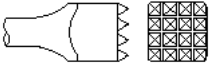

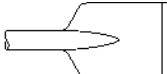


For Hammer Model	Order No.
AEG	
PH-200D, PH210, PHE 16RL-N, PHE 19RL, PHE 20 RL-N, PHE 26	US 675 934 000
PH-240D, PH -350, PH-350D, PHD 26, PH 38, PHD 38	US 675 910 000
B & D	
5013K, 5014, 5014K, 5016-09, 5054K, 5056K, 5057K	US 675 934 000
5041-09, 5042-09, 5043-09, 5044, 5045K, 5059, 5093K, 5095K, 5096K, 5098K	US 675 910 000
5097K, 5099K	US 675 915 000
Dewalt	
DW 563K, DW 566K, DW 567K	US 675 934 000
DW 530K, DW 531K, DW 532K, DW 533K	US 675 910 000
DW 541K, DW 545K	US 675 915 000
Bosch	
11201	US 675 907 000
11202, 11203, 11204, 11205, 11209, 12202, 11219 EVS, 11220 EVS, 1122 4E, 11233 EVS, 11310 EVS	US 675 910 000
11207, 11210 VS, 11210 VSR, 11211 VS, 11212 VSR,	US 675 934 000
11213 R, 11222 EVS, 11224 VSR, 11228 VSR, 11234 VSR, 11236 VS	US 675 934 000
11214 EVS, 11216 EVS, 11309 EVS, 11311 EVS, 11312, 11223 EVS, 11230 EVS,	US 675 915 000
11231 EVS, 11235 EVS, 5045, 5059	US 675 915 000
Hilti	
TE-1, TE-5A, TE-15C, TE-25, TE-25S, TE-5, TE-10, TE-10A, TE-12,	US 675 934 000
TE-14, TE-15, TE-17, TE-18, TE-22, TE-24	US 675 934 000
TE-52, TE-54, TE-55, TE-60, TE-72, TE-74, TE-75, TE-92, TE-94	US 675 915 000
Hitachi	
VRT-22, DH22VB, DH24PB, DH18VBK, DH24VDK, DH25VK	US 675 934 000
DH38YA, DH40FA, DH50SB	US 675 910 000
Kango	
200, 285, 327, 350, 422, 426, 430D	US 675 934 000
430C, 500, 501, 625, 627, 628, 637, 750X	US 675 916 000
950	US 675 931 000
HM1100C	US 675 915 000
Makita	
HR1800, HR1820, HR2000, HR2010, HR2410, HR2420, HR2430,	US 675 934 000
HR2450, HR2455, HR3000	US 675 934 000
HR3851, HR4040C, HR5000	US 675 910 000
HR4000C, HR5001, HR4500C	US 675 915 000
Milwaukee	
5303-20, 5320-20, 5324-20, 5362-1, 6362-6, 6366-1, 6366-6, 6368-6, 6369-1	US 675 934 000
5313-20	US 675 915 000
5311, 5311-6, 5316, 5316-6, 5317-6, 5341, 5343, 5347-6, 5352	US 675 910 000
Metabo	
BHE 6011S, BHE 6015S, BHE 6021S, BHE 6024, KHE 26, KHE-D28, KHE 32,	US 675 934 000
BHE 22, BHE-D28, BHE 2243, KHE 2443, UHE 22, UHE 2650, UHE 28	US 675 934 000
KHE 55, KHE 56, KHE 75, KHE76	US 675 915 000
KHE 54	US 675 910 000
Phillips	
555, 175	US 675 934 000
700, 747	US 675 907 000
747-2	US 675 910 000
Porter Cable	
97 765	US 675 934 000
Ramset	
342, 345, 375, CP9F(Spline shank series)	US 675 910 000
325, 332	US 675 934 000
Wacker	
EHB-10	US 675 936 000
Walter	
1111, 11118	US 675 934 000
1126, 1130	US 675 907 000
1128, 1131	US 675 910 000
1150	US 675 936 000

Elektro-Pneumatic Chisels

BLUE-STEEL™

Metabo chisels are designed for use on hard hitting elektro pneumatic hammers for chipping, breaking, scaling or cutting concrete and other tough materials. Each chisel is specially designed for the stresses and applications encountered by tools using SDS Plus, SDS-Max or Spline chucking systems. Engineered for long life while maintaining a sharp edge. Precisely sharpened and highly resistant to breakage.

The right chisel for every chiselling job

Chisel Type	Application
 Bull Point, Square Tip	For penetration and demolition work (brickwork, concrete, loose rock) & for laying cable.
 Bull Point, Round Tip	General concrete demolition work.
 Flat Chisel	For penetration and demolition work (brickwork, concrete, loose rock) & for targeted breaking up of concrete.
 Scaling Chisel	For removal of large quantities of material.
 Gauge	For drawing narrow channels in concrete & brickwork.
 Ground Rod Driver	For driving electrical ground rods into soil.
 Bushing Tool One Piece	Roughing up or surface removal of concrete.
 Clay Spade	For digging into clay.
 Asphalt Cutter	For cutting asphalt, hardpan & compacted soil.
 Grooving Chisel	For removal of scale in tight narrow areas.
 Slotting Tool	For renovation work on brickwork & joints.

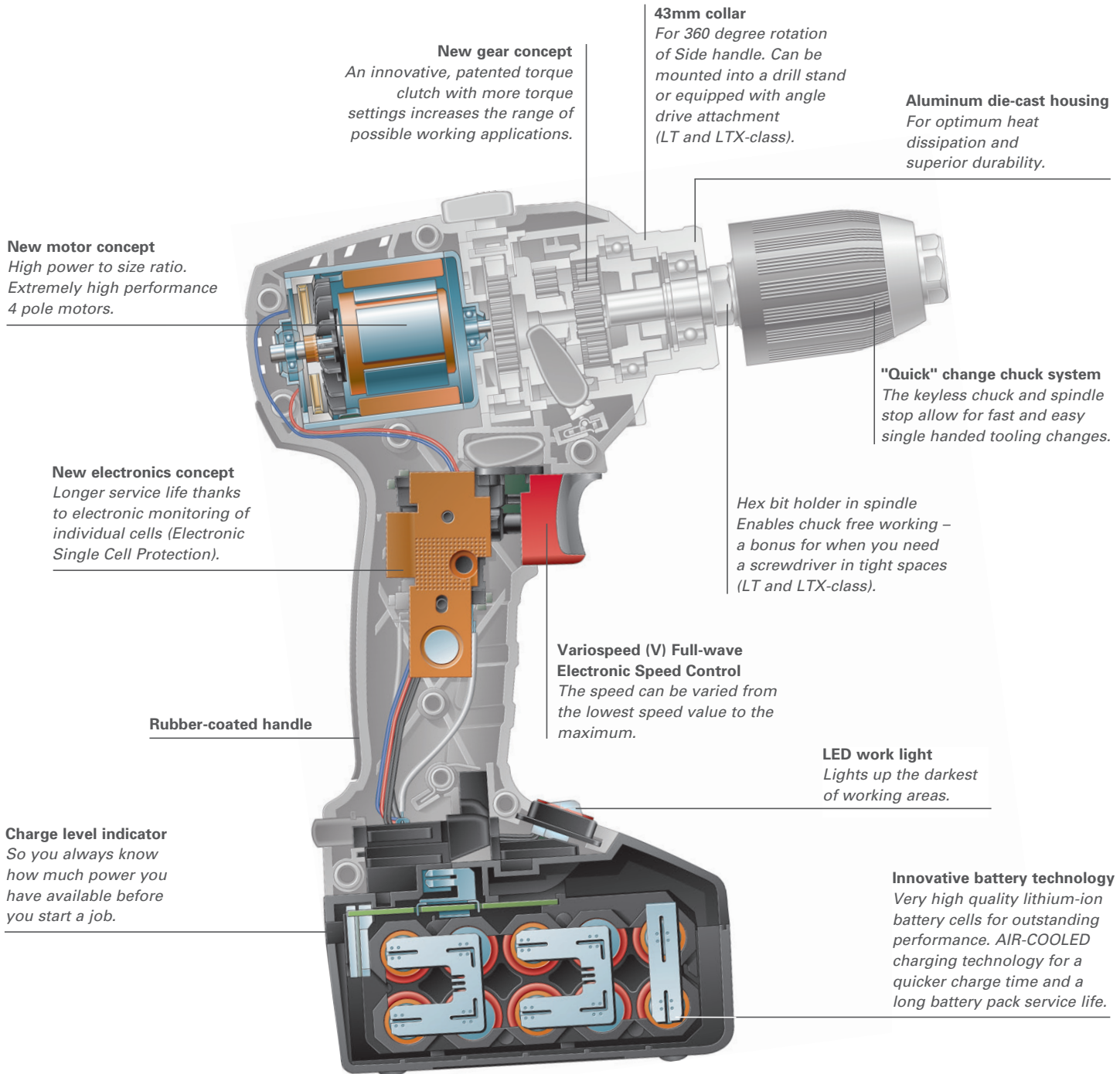
SDS Plus Shank Chisels

Chisel Type	Overall Length	Face size	Order No.
Bull Point, Square Tip	10"	-	631 421 000
Bull Point, Round Tip	10"	-	630 992 000
Flat Chisel	10"	3/4"	631 420 000
Scaling Chisel	10"	2"	631 425 000

SDS Max Shank Chisels

Chisel Type	Overall Length	Face size	Order No.
Bull Point, Square Tip	11"	-	623 351 000
	16"	-	623 352 000
Flat Chisel	11"	1"	623 353 000
	16"	1"	623 354 000
Scaling Chisel	12"	3 1/8"	623 356 000
	12"	2"	623 355 000
Gouge	12"	1"	623 357 000
Ground Rod Driver	10 1/2"	7/8"	655 054 000
Clay Spade	15 1/2"	4 1/2"	676 001 000
Asphalt Cutter	15 1/2"	3 1/2"	623 384 000
Bushing Tool	9 1/2"	1 3/4"	655 079 000





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!

4.0 Ah



33%

MORE RUN TIME



3-YEAR BATTERY AND CHARGER WARRANTY

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.

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.



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.



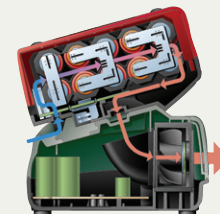
3-year Battery and Charger Warranty

Metabo's 18V Lithium-Ion Extreme, Plus and Compact battery packs and ASC30/ASC15/AS-S15 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 shortens time spent waiting for your batteries to charge.



BS18 LT
18V Drill/Driver



SB18 LT
18V Hammer Drill/Driver



SSD18 LT
1/4" Hex Impact Driver



SSW18 LT
1/2" Impact Wrench

Model #	BS18 LT	SB18 LT
Order # w/ASC30 chgr & 2 Li-Ion batteries	602138520	602141520
Variospeed (V) electronics	●	●
2-speed gearbox	●	●
One-head chuck	●	●
"AIR COOLED" battery pack	●	●
Planetary gearing	●	●
Instant stop clutch	●	●
Reversing switch	●	●
LED light	●	●
Li-Ion battery pack voltage/capacity	18V/3.0Ah	18V/3.0Ah
Spindle Lock for ease of tightening chuck	●	●
Dual range torque adjustment (inch lbs.)	13-31/ 31-114	13-31/ 31-114
Max tightening torque (inch lbs.)		
-Soft Case (continuous)	230	239
Hard Case (maximum)	531	549
	Also Available in 220V	
Chuck Capacity	1/2"	1/2"
Capacity		
- in mild steel	1/2"	1/2"
- in softwood	1 3/16"	1 3/16"
- in brick/block	n/a	1/2"
No-load speed (RPM)	0-400/0-1400	0-400/0-1400
Max. impacts/min.	n/a	0-28000
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF
Tool weight	4.2 lbs.	4.4 lbs.
Shipping weight (charger, 2 batteries)	13 lbs.	13.2 lbs.
Length	8"	8 1/8"
Carrying case	344453780 (standard)	344453780 (standard)
Standard Equipment:	Keyless chuck (636621000) 2-18V Li-Ion ext. batteries (625455000) Charger (627058000)	
	Side handle (314001140) 2-18V Li-Ion ext. batteries (625455000) Charger (627058000)	

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	●	●
Li-Ion battery pack voltage/capacity	18V/3.0Ah	18V/3.0Ah
Drive	1/4" Hex	1/2" Square
No-load speed (RPM)	0-1600/ 0-2150/ 0-2650	0-1600/ 0-2150/ 0-2650
Tightening torque (in. lbs.)	708/ 1106/ 1406	929/ 1283/ 1947
Max. impacts/min.	1500/ 2700/ 3300	1500/ 2700/ 3300
	Also Available in 220V	
Tool weight	4.0 lbs.	4.1 lbs
Shipping weight (charger & 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 ext. batteries (625455000) ASC30 Charger (627058000)	
	2-18V Li-Ion ext. batteries (625455000) ASC30 Charger (627058000)	



BS18 LTX 4.0
18V Drill/Driver

NEW



SB18 LTX 4.0
18V Hammer Drill/Driver

NEW



BS18 LTX Quick 4.0
18V Drill/Driver

NEW

Model #	BS18 LTX 4.0	SB18 LTX 4.0	BS18 LTX Quick 4.0
Order # w/ASC30 chgr. & 2 Li-Ion batteries	602144620	602147620	602109610
Order # "Bare" Tool	n/a	602147850	n/a
Variospeed (V) electronics	●	●	●
2-speed gearbox	●	●	●
One-hand chuck	●	●	●
Quick-change chuck system			●
"AIR COOLED" battery pack	●	●	●
Planetary gearing	●	●	●
Instant stop clutch	●	●	●
Reversing switch	●	●	●
LED light	●	●	●
Li-Ion battery pack voltage/capacity	18V/4.0 Ah extreme battery	18V/4.0 Ah extreme battery	18V/4.0 Ah 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
Max tightening torque (inch lbs.)—Soft case (continuous)	372	389	372
Hard case (maximum)	850	885	850
	Also available in 220V	Also available in 220V	Also available in 220V
Chuck capacity	1/2"	1/2"	1/2"
Capacity			
- in mild steel	1/2"	1/2"	1/2"
- in softwood	2"	2"	2"
- in brick/block	n/a	1/2"	n/a
No-load speed (RPM)	0-400/0-1400	0-400/0-1400	0-400/0-1400
Max. impacts/min.	n/a	0-28000	n/a
Spindle thread	1/2 x 20 UNF	1/2 x 20 UNF	n/a
Tool weight	4.4 lbs.	4.6 lbs.	4.4 lbs.
Shipping weight (ASC30 charger, 2 batteries)	13.2 lbs.	13.4 lbs.	13.2 lbs.
Length	8 1/2"	8 7/8"	8 1/2"
Carrying case	344453780 (standard)	344453780 (standard)	344453780 (standard))
Standard Equipment:	Keyless chuck (636621000) Side handle (314001140) 2-18V 4.0 AH Li-Ion extreme batteries (625527000) Charger (627058000)	Keyless chuck (636621000) Side handle (314001140) 2-18V 4.0 AH Li-Ion extreme batteries (625527000) Charger (627058000)	Quick change chuck (627240000) Quick change bit holder (627241000) Side handle (314001140) 2-18V 4.0 AH Li-Ion extreme batteries (625527000) Charger (627058000)

Optional Equipment

Quick change right angle
attachment (627242000)
X-3 Attachment
(627253000)



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 4.0 Ah extreme Li-Ion batteries	25.2V/3.0 Ah
Maximum Tightening Torque	80 inch lbs.	142 inch lbs.
	Also available in 220V	Also available in 220V
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 (625437000) Charger (627285000) Depth gauge (341511630)
Optional Equipment:	SDS-Plus to 1/2"-20 Chuck adaptor (631285000) see page 34 for full range of SDS-Plus carbide bits Dust extraction kit (631600000)	SDS-Plus to 1/2"-20 Chuck adaptor (631285000) see page 34 for full range of SDS-Plus carbide bits Dust extraction kit (631600000)

(See page 34 for SDS-Plus masonry bits)



STA18 LTX
Cordless Jig Saw



STA18 LTX 140
Cordless Jig Saw



NEW



ASE18 LTX
18V Cordless Reciprocating Saw



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

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



W18LTX 4.0
Cordless Angle Grinder

NEW



KSA18 LTX
18V Cordless Circular Saw

Model #	W18LTX 4.0
Order # with 2 Li-Ion batteries	602170620
Order # "Bare" Tool	602170860
Order # (non-locking deadman switch)	US602170762
Switch with lock on capability	●
Spindle lock	●
Aluminum die-cast gear housing	●
Burst proof guard	●
Ergonomic Side handle	●
External carbon brush access	●
Rotatable battery pack	●
Detachable dust filter	●
Electronic winding and battery temperature monitor with led	●
Power interruption protection	●
Electronic clutch	●
Battery pack voltage/capacity	18v/4.0 Ah
ESCP: electronic single cell protection	●
	Also available in 220V
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 (standard)

Standard Equipment:	Inner flange (341031290) Outer nut (341101480) Spanner wrench (623934000) Type 27 Guard (339203480) Side handle (314000540) Dust filter (343398890) 2-18V 4.0 Ah Li-Ion extreme batteries (625527000) Charger (627058000)
----------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Optional Equipment:	Type 1 cut-off wheel guard (630374000)
----------------------------	----------------------------------------

Model #	KSA18 LTX
Order # "Bare" Tool	602268850
Aluminum die-cast gear housing	●
Rubber-coated on/off switch	●
Ergonomic handle with rubber coating	●
RIP fence	●
Cutting depth indicator	●
Battery pack voltage/capacity	Accepts 18V 1.5, 3.0, or 4.0 Ah Li-Ion Ext. Batteries
Dust extraction outlet	●
Chip blower and led light	●
Spindle lock	●
ESCP: Electronic single cell protection	●
Saw blade diameter/arbor	6 1/2" / 5/8"
Carbide-tipped saw blade teeth	18
Cutting depth 90°	2 7/64"
Cutting depth 45°	1 5/8"
Angle setting	0-50°
No-load speed (SPM)	2700
Tool weight (without battery)	7.8 lbs.
Tool weight (with battery)	9.2 lbs.
Shipping weight	9.8 lbs.
Length	12 3/16"



MAG28 LTX
25.2V Cordless
Magnetic Drill Press

NEW



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

Accessories

Metabo Rapid Cut Annular Cutters



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

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



Order No.	Description
626555000	6 pc. set

(1 ea. above plus centering pin)



ULA 14.4-18
Halogen Flashlight

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

Cordless Accessories



Small bag for 2 tools/flashlight

Order #
638530000

G60 Pro Installer's Kit

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



Rolling duffel bag for 4 tools/flashlight

638531000

G60 Pro Torx Set

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



Right angle drive attachment

631078000

Drive Ratio: 1:1
Thread size: 1/2"x t20 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.

G60 Pro Set

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

Pocket G-60 Bit Boxes



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

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

Order No.: 678 958 000



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

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

Order No.: 678 959 000



Quick change right angle drive attachment
(Only for use with BS18 LTX Quick)

627242000



X3 attachment

Multiplies torque by 3 times for tasks that demand more power. Fits the BS18LTX Quick, BE1100, and BE75-16.

627253000

Battery and Charger Compatibility				
				
Batteries	ASC30	ASC15	AS S15	LC60
	14.4V-18V	14.4V-18V	24V	7.2V
Order No.	627058000	627294000	627285000	627308000
Approx. Charging Time (1.4Ah bat.)	30 min.	15 min.	15 min.	60 min.
Lithium Ion				
LT/LTX models AIR-COOLED  Li-Extreme  Li-Compact	Capacity Item # Li-Power Extreme 18V, 4.0Ah 625527000 18V, 3.0Ah 625455000 Li-Compact 18V, 1.5Ah 625499000	X	X	
BSZ/SBZ models AIR-COOLED 	Capacity Item # 12V, 2.2Ah 625486000 14.4V, 2.2Ah 625482000 18V, 2.2Ah 625484000			
KHA24 model AIR-COOLED 	Capacity Item # 25.2V, 3.0Ah 625437000		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 18V, 1.25Ah 631739000 18V, 2.0Ah 631857000 18V, 2.4Ah 631740000			
BSZ model AIR-COOLED 	Capacity Item # 12V, 1.4Ah 625473000 12V, 2.0Ah 625474000 14.4V, 1.4Ah 625475000 14.4V, 2.0Ah 625476000 18V, 1.4Ah 625477000 18V, 2.0Ah 625478000			
	Capacity Item # 4.8V, 1.25Ah 631858000** 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

Screwdriver Bits, Bit Holders, Nutsetters & Bit Sets



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

Proper Bit Selection

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

Why is hardness important?

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

Screwdriver Bits

1" Phillips Bits 1/4" Hex. Shank



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

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



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

Phillips Recess Power Bits 1/4" Hex. Shank





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

Square Recess Power Bits 1/4" Hex. Shank




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

Magnetic Bit Holders

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

Magnetic Nutsetters

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

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

Pocket G-60 Bit Boxes



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

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

Order No.: 678958000



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

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

Order No.: 678959000

Professional Bit Sets

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

G60 Pro Set

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



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

G60 Pro Torx Set

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


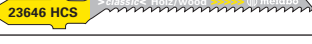




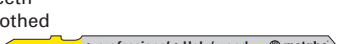
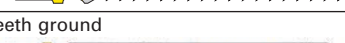
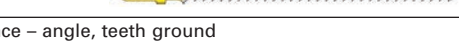


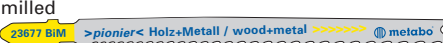










Bit Size	Phillips Bits	Square Recess Bits	Mag.Nutsetters 2 9/16" O/L	Bit Holder	Order No.
1" Insert Bits	P-1, P-2, P-2R	R-0, R-1, R-2, R-3	1/4" hex.	3" Quick-Release Magnetic Bit Holder 1/4" Shank	678953000
2" Power Bits	P-1, P-2, P-3	R-1, R-2, R-3	5/16" hex.		
4" Power Bits	P-2	R-2	3/8" hex.		
-	-	-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



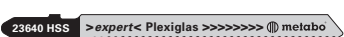
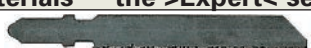
G60 Pro Installer's Kit

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















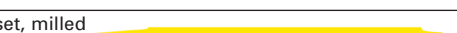

These blades fit : Metabo, AEG, Atlas Copco, Black & Decker, Bosch, DeWalt, Elu, Festo, Hitachi, Holz-Her, Kress, Makita, Skil ...

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

Jig Saw Blades - bayonet fitting (continued)

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

Reciprocating Saw Blades - with 1/2 inch universal fitting

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

METABO STAINLESS STEEL FINISHING, FASTEST TO THE FINISH.

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



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

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

Standard Equipment: Side handle (314000970)
Wheel guard (339203010)
Inner flange (341031290)
Outer nut (316023840)



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	●
LongLife motor	●
Spindle lock	●
Winding protection grid	●
High performance spiral bevel gears	●
Variable speed controlled by adjusting dial	●
Auto-stop carbon brushes	●
Maximum torque	124 inch lbs.
	Also available in 220V
No-load speed (RPM)	700-2200
Amps	10.0
Rated input watts	1200
Spindle thread	5/8"-11
Tool weight	5.9 lbs.
Shipping weight	7.6 lbs.
Length	14 1/4"
Carrying case	631382000 (optional)

Standard Equipment: Side handle (314000540)
Hand guard (630327000)
Spindle extension (341513050)



WE14-125 Inox Plus Accessories

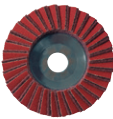
Special non-woven - VKS (with bore)



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

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

Combi Flap disc (KLS)



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

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

"Pyramid" cling-fit sanding discs



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

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

Special non-woven disc - VKS cling-fit



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

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

Cling-fit abrasive non-woven nylon



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

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

Cling-fit backing pad



• 5" x 5/8-11

Order #
623298000

Micro fiber cloth

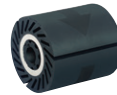


- 3 micro-fiber cloths
- For cleaning and evenly distributing protective spray and polishes
- For removing paste residue using talcum powder
- Suitable for all metals and hard plastics

Order #
626398000

Burnisher Accessories

Expansion roller



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

Diameter inches	Order #
4" x 4"	623470000

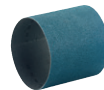
Pneumatic sanding drum



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

Diameter inches	Order #
4" x 4"	623542000

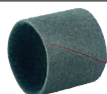
Sanding belts



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

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

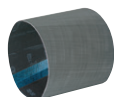
Nylon non-woven abrasive sleeves



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

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

"Pyramid" sanding belts



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

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

Flap wheels



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

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

Interleaved wheels



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

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

Non-woven nylon abrasive wheels



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

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

Hard stripping wheel



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

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

Rubberized abrasive wheels



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

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

Cotton web polishing rings



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

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

SE12-115 Burnisher Accessories

Polishing rings



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

Order #
623507000

Polishing paste, white



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

Order #
623520000

Polishing paste, brown



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

623522000

Polishing paste, blue



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

623524000

Steel-wire wheel brushes



- Ideal for removing rust, deburring and cleaning metal

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

Stainless steel-wire wheel brushes



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

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

Plastic wheel brushes



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

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

3 spacer rings



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

Order #
623511000

Sanding belt driver



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

623529000

Sanding belts



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

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

Adhesive tape



- For re-closing the sanding belts

Order #
623530000

Non-woven nylon web bands



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

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

Felt band



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

Order #
623541000

Stainless steel adhesive tape



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

626376000

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 to maximize productivity, safety and longevity. **Metabo. Work. Don't play.**





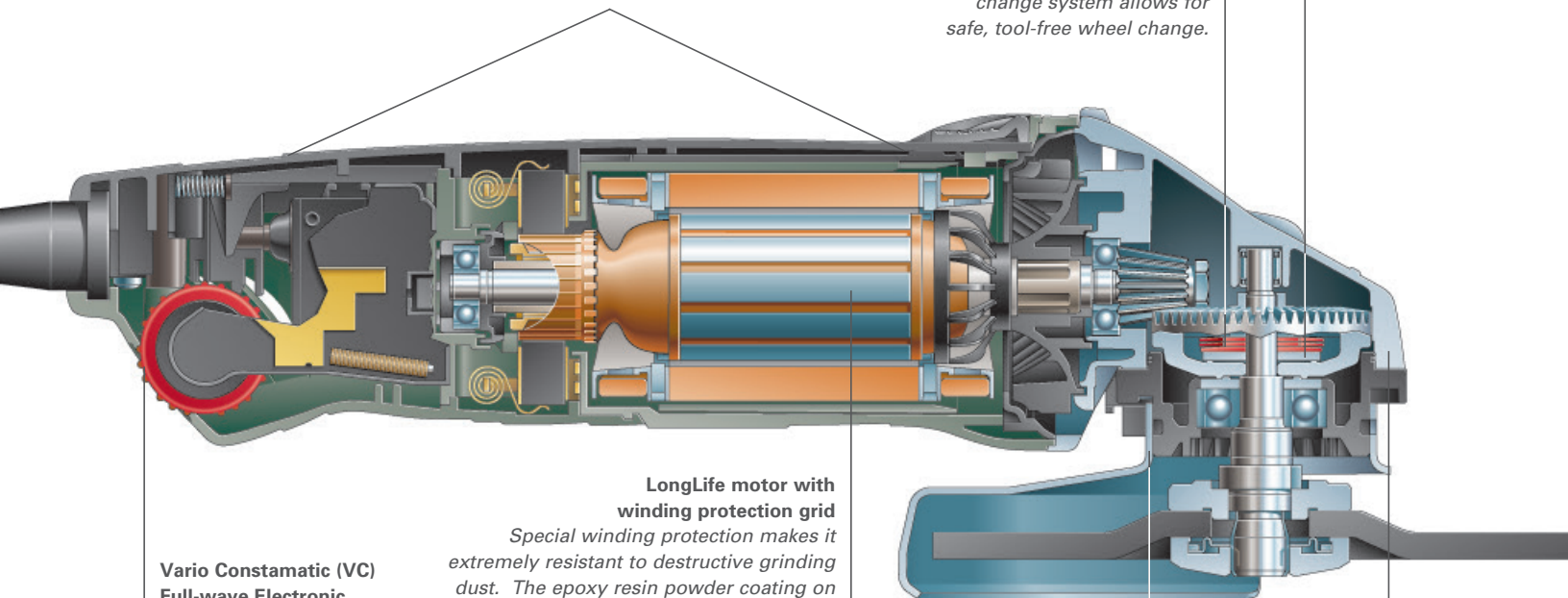
Double insulation

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

Ergonomic design
2 "comfort" zones
for superior grip.

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

**Metabo "Quick" spannerless
wheel change system**
Metabo quick wheel
change system allows for
safe, tool-free wheel change.

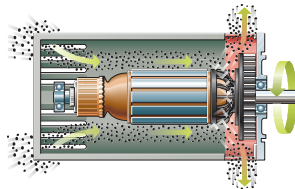


**Vario Constamatic (VC)
Full-wave Electronic
Speed Control**
The speed can be varied
from the lowest speed value
to the maximum. The speed
remains constant under mod-
erate load and drops under
heavy load.

**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.

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



**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 temp-
erature. (WE, WEP, WEPA
and WEPBA models only)



Vibratex anti-vibration handle

The Vibratex handle is a response to the requests for the reduction of the cumulative problems associated with vibration to the hands and arms from the use of power tools. Vibration on the Side handle is reduced by up to 60% compared to the current handle. The risk of "White Finger Syndrome" caused by vibration exposure over the workers lifespan is reduced considerably! (see page 81)

Twister 3 position rear handle for cutting/grinding

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



WHY METABO?

German Engineering: Precision, Longevity, Performance and Safety

- **Metabo Brake Technology***

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



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



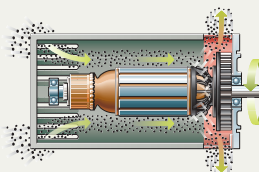
- **TC / VTC Electronics*:** Fastest performance, greatest productivity
 - Speed Stabilization: work done faster
 - Thermal overload protection: increased longevity
 - Soft Start / Power Interruption Protection: enhanced safety and ergonomics

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

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

- **'LongLife' Motors***

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



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

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

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

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

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



*See individual tool specifications for details



W780
4 1/2" Angle Grinder



WP780
4 1/2" Angle Grinder
with non-locking
paddle switch



W680
4 1/2" Angle Grinder



W780
5" Angle Grinder

Model # Order #	W680 606696420	W780 (4 1/2") 606701420	W780 (5") 606702420	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. Also available in 220V	14 inch lbs. Also available in 220V	16 inch lbs. Also available in 220V	14 inch lbs. Also available in 220V
Maximum wheel diameter	4 1/2"	4 1/2"	5"	4 1/2"
No-load speed (RPM)	11000	11000	10000	11000
Amps	6.2	7.2	7.2	7.2
Rated input watts	680	780	780	780
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	4.4 lbs.	4.7 lbs.	4.7 lbs.	4.7 lbs.
Shipping weight	5.8 lbs.	6.0 lbs.	6.0 lbs.	6.0 lbs.
Length	10 7/8"	10 7/8"	10 7/8"	10 7/8"
Carrying case	344454180 (optional)	344454180 (optional)	344454180 (optional)	344454180 (optional)

Standard Equipment:	Side handle (314000540)	Side handle (314000540)	Side handle (314000540)	Side handle (314000540)
	Type 27 Wheel guard (339203660)	Type 27 Wheel guard (339203660)	Type 27 Wheel guard (339203670)	Type 27 Wheel guard (339203660)
	Inner flange (341031290)	Inner flange (341031290)	Inner flange (341031290)	Inner flange (341031290)
	Face spanner (623934000)	Face spanner (623934000)	Face spanner (623934000)	Face spanner (623934000)
	Outer nut (341101480)	Outer nut (341101480)	Outer nut (341101480)	Outer nut (341101480)

Optional Equipment:	Type 1 Cut-off wheel guard (631189000)	Type 1 Cut-off wheel guard (631189000)	Type 1 Cut-off wheel guard (630815000)	Type 1 Cut-off wheel guard (631189000)
---------------------	----------------------------------------	----------------------------------------	----------------------------------------	----------------------------------------



W1080
4 1/2" Angle Grinder

NEW



W1080
5" Angle Grinder

NEW



W1080 RT
5" Angle Grinder

NEW

Model # Order #	W1080 606721420	W1080 606722420	W1080 RT 606724420
Ergonomic Rat Tail Design			●
AC/DC capability			●
Side switch with lock on capability	●	●	
Non-locking trigger switch			●
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard	●	●	●
Ergonomic Side handle	●	●	●
Auto-stop carbon brushes	●	●	●
Maximum torque	26 inch lbs. Also available in 220V	26 inch lbs. Also available in 220V	26 inch lbs. Also available in 220V
Maximum wheel diameter	4 1/2"	5"	5"
No-load speed (RPM)	11000	10000	10000
Amps	10.0	10.0	10.0
Rated input watts	1080	1080	1080
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.2 lbs.	5.2 lbs.	5.4 lbs.
Shipping weight	6.6 lbs.	6.6 lbs.	6.8 lbs.
Length	12"	12"	14 3/4"
Carrying case	344454180 (optional)	344454180 (optional)	623854000 (optional)
Standard Equipment:	Side handle (314000540) Type 27 wheel guard (339203990) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480)	Side handle (314000540) Type 27 wheel guard (339203970) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480)	Side handle (314000540) Type 27 wheel guard (339203970) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480)
Optional Equipment:	Type 1 Cut-off wheel guard (630363000)	Type 1 Cut-off wheel guard (630364000)	Type 1 Cut-off wheel guard (630364000)



W8-115 Kit
4 1/2" Angle Grinder



W8-115
4 1/2" Angle Grinder



W8-115 Quick
4 1/2" Angle Grinder

Model # Order #	W8-115 Kit 600259850	W8-115 600259420	W8-115 Quick 600264420
LongLife motor	●	●	●
Quick wheel change system			●
Switch with lock on capability	●	●	●
AC/DC capability	●	●	●
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum torque	19.5 inch lbs.	19.5 inch lbs. 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	800	800	800
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.4 lbs.	5.4 lbs.	5.4 lbs.
Shipping weight	9.6 lbs.	6.3 lbs.	6.2 lbs.
Length	11 3/4"	11 3/4"	11 3/4"
Carrying case	344454180 (standard)	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480) 4 1/2" x .080 diamond blade	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Face spanner (623934000) Outer nut (341101480)	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Outer nut (316023840)
Optional Equipment:	Type 1 Cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)



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



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



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

Model # Order #	WP8-115 Quick 600267420	W8-125 600263420	WP8-125 Quick 600268420
LongLife motor	●	●	●
Quick wheel change system	●		●
Switch with lock on capability		●	
Non-locking paddle switch	●		●
AC/DC capability		●	
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum torque	19.5 inch lbs 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	800	800	800
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.3 lbs.	5.4 lbs.	5.4 lbs.
Shipping weight	6.2 lbs.	6.3 lbs.	6.3 lbs.
Length	11.75"	11.75"	11.75"
Carrying case	344454180 (optional)	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339202990) Inner flange (341031290) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (341101480) Face spanner (623934000)	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316023840)
Optional Equipment:	Type 1 cut-off wheel guard (339203030) 'Dust Director' tuck point guard (655270000)	Type 1 cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)



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



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

Model # Order #	WE9-125 Quick 600269420	W11-125 Quick 600270420
Vario constamatic (VC) electronics	●	
LongLife motor	●	●
Quick wheel change system	●	●
Switch with lock on capability	●	●
AC/DC capability		●
Spindle lock	●	●
Low profile aluminum die-cast gear housing	●	●
Burst-proof guard w/ 7 stops	●	●
Anti-vibration Side handle	●	●
Metabo slip clutch	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Maximum torque	22 inch lbs. 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	950	1100
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	5.4 lbs.	5.8 lbs.
Shipping weight	6.2 lbs.	6.8 lbs.
Length	11.75"	12.25"
Carrying case	344454180 (optional)	344454180 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316023840)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)



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



W11-150 Quick
5" / 6" Angle Grinder



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

Model # Order #	WP11-125 Quick 600279420	W11-150 Quick 600271420	WP11-150 Quick 600280420
LongLife motor	●	●	●
Quick wheel change system	●	●	●
Switch with lock on capability		●	
Non-locking paddle switch	●		●
AC/DC capability		●	
Spindle lock	●	●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Maximum torque	26.9 inch lbs. 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	1100	1100	1100
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.6 lbs.	6.0 lbs.	5.9 lbs.
Shipping weight	6.5 lbs.	7.0 lbs.	6.8 lbs.
Length	12.25"	12.25"	12.25"
Carrying case	344454180 (optional)	656304000 (optional)	656304000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Inner flange (341031290) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203020) Inner flange (341031290) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203020) Inner flange (341031290) Outer nut (316023840)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



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



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



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



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

Model # Order #	WE14-125 Plus 600281420	WE14-125 VS 600292420	WE14-150 Quick 600160420	WEP14-150 Quick 600290420
Vario tacho constamatic (VTC) electronics	●	●		
Tacho constamatic (TC) electronics			●	●
LongLife motor	●	●	●	●
Quick wheel change system	●		●	●
Switch with lock on capability	●	●	●	
Non-locking paddle switch				●
Current interruption protection	●	●	●	●
Spindle lock	●	●	●	●
Low profile aluminum die-cast gear housing	●	●	●	●
Variable speed dial	●	●		
Burst-proof guard w/ 7 stops	●	●	●	●
Anti-vibration Side handle	●	(WE14-125 VS includes standard Side handle)	●	●
Electronic winding temperature monitor with LED display	●		●	●
Metabo slip clutch	●	●	●	●
Auto-stop carbon brushes	●	●	●	●
Winding protection grid	●	●	●	●
Electronic soft start feature	●	●	●	●
Electronic speed stabilization	●	●	●	●
Maximum torque	29.2 inch lbs.	29.2 inch lbs.	31 inch lbs.	31 inch lbs.
	Also available in 220V		Also available in 220V	Also available in 220V
Maximum wheel diameter	5"	5"	6"	6"
No-load speed (RPM)	7000-10500	2800-10500	8000	8000
Amps	12.2	12.2	12.2	12.2
Rated input watts	1400	1400	1400	1400
Arbor size	7/8"	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Tool weight	6.2 lbs.	6.2 lbs.	6.1 lbs.	6.1 lbs.
Shipping weight	7.2 lbs.	7.2 lbs.	7.6 lbs.	7.6 lbs.
Length	12.25"	12.25"	12.25"	12.25"
Carrying case	344454180 (optional)	344454180 (optional)	656304000 (optional)	656304000 (optional)
Standard Equipment: (Type 27)	Side handle (314000970) Wheel guard (339203010) Inner flange (341031290) Outer nut (316023840)	Side handle (314000540) Wheel guard (339203010) Inner flange (341031290) Outer nut (341101480) Spanner wrench (623934000)	Side handle (314000970) Wheel guard (339203020) Type 27 Inner flange (341031850) Outer nut (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 (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



#1 IN SAFETY!

Safety Advantage

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

THE AUTO-BALANCE ADVANTAGES



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

Brake Series

Designed to STOP!

- Grinding Wheels under 2 seconds
- Cut-off Wheels under 1 second



Auto-balance flange

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



The Metabo Safety Package

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



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



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



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

Model # Order #	WA11-125 Quick 601101420	WEPA14-125 Quick 600304420	WEPA14-150 Quick 600305420
Tacho constamatic (TC) electronics		●	●
LongLife motor	●	●	●
Quick wheel change system	●	●	●
Auto-balance feature	●	●	●
AC/DC lock on switch	●		
Non-locking paddle switch		●	●
Current interruption protection		●	●
Low profile aluminum die-cast gear housing	●	●	●
Burst-proof guard w/ 7 stops	●	●	●
Anti-vibration Side handle	●	●	●
Electronic winding temperature monitor with LED display		●	●
Metabo slip clutch	●	●	●
Auto-stop carbon brushes	●	●	●
Winding protection grid	●	●	●
Electronic soft start feature		●	●
Electronic speed stabilization		●	●
Maximum torque	26.9 inch lbs.	29.2 inch lbs.	31 inch lbs.
	Also available in 220V	Also available in 220V	Also available in 220V
Maximum wheel diameter	5"	5"	6"
No-load speed (RPM)	10000	10000	8000
Amps	9.6	12.2	12.2
Rated input watts	1100	1400	1400
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	5.8 lbs.	6.0 lbs.	6.1 lbs.
Shipping weight	6.8 lbs.	7.1 lbs.	7.6 lbs.
Length	12.25"	12.25"	12.25"
Carrying case	344454180 (optional)	344454180 (optional)	656304000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203010) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203020) Outer nut (316023840)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



WEPBA14-125 Quick
Electronic 5" Angle Grinder

NEW



WEPBA14-150 Quick
Electronic 6" Angle Grinder

NEW

Model # Order #	WEPBA14-125 Quick 600166420	WEPBA14-150 Quick 600322420
Tacho constamatic (TC) electronics	●	●
LongLife motor	●	●
Quick wheel change system	●	●
Auto-balance feature	●	●
Metabo brake feature	●	●
Non-locking paddle switch	●	●
Current interruption protection	●	●
Low profile aluminum die-cast gear housing	●	●
Burst-proof guard w/ 7 stops	●	●
Anti-vibration Side handle	●	●
Electronic winding temperature monitor with LED display	●	●
Metabo slip clutch	●	●
Auto-stop carbon brushes	●	●
Winding protection grid	●	●
Electronic soft start feature	●	●
Electronic speed stabilization	●	●
Maximum torque	29.2 inch lbs. Also available in 220V	31 inch lbs. Also available in 220V
Maximum wheel diameter	5"	6"
No-load speed (RPM)	10,000	9,000
Amps	12.2	12.2
Rated input watts	1,400	1,400
Arbor size	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11
Tool weight	6.3 lbs	6.4 lbs
Shipping weight	7.4 lbs	8.0 lbs
Length	12.75"	12.75"
Carrying case	344454180 (optional)	656304000 (optional)
Standard Equipment:	Side handle (314000970) Type 27 wheel guard (339203010) Outer nut (316023840)	Side handle (314000970) Type 27 wheel guard (339203020) Outer nut (316023840)
Optional Equipment:	Type 1 Cut-off wheel guard (339203040) 'Dust Director' tuck point guard (655270000)	Type 1 Cut-off wheel guard (339203050) 'Dust Director' tuck point guard (655270000)



W2000[~]
7" Angle Grinder



W24-180[~]
7" Angle Grinder



W24-230[~]
9" Angle Grinder

BASIC SERIES

Model #	W2000	W24-180	W24-230
Order #	606418460	606445460	606448460
Order # (non-locking deadman switch)	US606418760	US606445761	US606448761
Maximum grinding wheel diameter	7"	7"	9"
Long lasting motor	•	•	•
Spindle lock	•	•	•
3-position side handle	•	• (anti-vibration)	• (anti-vibration)
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	89 inch lbs.	124 inch lbs.	150 inch lbs.
		Also available in 220V	Also available in 220V
Maximum wheel diameter	7"	7"	9"
No-load speed (RPM)	8500	8500	6600
Amps	15.0	15.0	15.0
Rated input watts	2000	2400	2400
Arbor size	7/8"	7/8"	7/8"
Spindle thread	5/8"-11	5/8"-11	5/8"-11
Tool weight	12.5 lbs.	13.3 lbs.	13.6 lbs.
Shipping weight	16.7 lbs.	17 lbs.	17.3 lbs.
Length	19 1/2"	18"	18"
Carrying case	623874000 (optional)	623874000 (optional)	623874000 (optional)
Standard Equipment:	Side handle (314000280) Wheel guard (316045010)	Side handle (314000960) Wheel guard (339203270)	Side handle (314000960) Wheel guard (339203260)

Optional Equipment:

For mounting Type 1 and Type 27 non-hubbed wheels



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



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

Dustless 7" Convertable Shroud



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

Professional Series Type 1 Cut-off Wheel Guard

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

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



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



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

Model #	5" Angle Grinder Surface Prep Kit WE14-125 Plus w/Dust Control Shroud	7" Angle Grinder Surface Prep Kit W24-230 w/Dust Control Shroud
Order #	US600281800	USCA606448800
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 (US630342000) Convertible Shroud (655154000)



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

NEW



New Spindle Lock Feature

GE710 Plus
Variable Speed
10,000-30,500 RPM Die Grinder

NEW



New Spindle Lock Feature

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

NEW

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

Standard Equipment:	Collet wrench (344161300)	Collet wrench (344161300)	Collet wrench (344161300)
	1/4" collet (631949000)	1/4" collet (631949000)	1/4" collet (631949000)
	Spindle wrench (344162400)	Soft rubber grip (344099150)	Side handle (631052000)
			Soft rubber grip (344099150)

Optional Equipment:	1/8" collet (631948000)	1/8" collet (631948000)	1/8" collet (631948000)
	Side handle (631052000)	Side handle (631052000)	

(See page 89 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

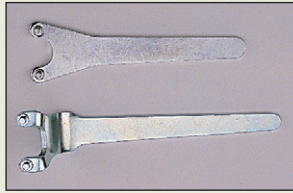
- 4 ft. long, heavy-duty rubber covered flex shaft for use with both die grinder or router motor
- Ball bearing construction
- 1/4" collet for 1/4" shank mounted bits
- Speed range 10,000 to 30,500 RPM (Not for use on tools running less than 10,000 RPM)
- 1/4" Replacement Collet 630978000



655169000 Die Grinder Cut-off Wheel Guard
(Use on GE700 and GE900 Plus die grinders)
Always comply with ANSI B7.1

655170000 Die Grinder Cut-off Wheel Guard
(Use on GE710 and GE950)
Always comply with ANSI B7.1

Accessories



623934000 Straight spanner
623910000 Offset spanner



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



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



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



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



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



631052000 Side handle for
die grinders



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



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



Dustless Convertable Shroud for
concrete surface prep
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 69-79).



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



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



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



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



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



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

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

(must be used with vacuum cleaner)

655270000 For current small grinders.

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



Quick release adjustable vise adds versatility.

CS23-355
14" Chop Saw

(AC Only)

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"
Also available 220V	
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





PWE11-100
Wet Polisher

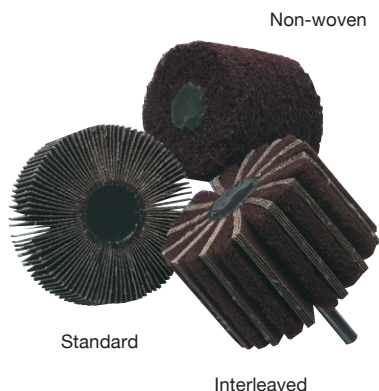


Model #	PWE11-100
Order #	602050420
Vario tacho constamatic (VTC) electronics	●
Low profile aluminum die-cast gear housing	●
Housing cover to protect surfaces	●
Splash proof ventilation slots	●
Water supply through spindle	●
LongLife motor	●
Standard 1/2" quick connect	●
Ergonomic adjustable D-handle	●
Electronic winding temperature monitor with LED display	●
GFCI included for electrical safety	●
Auto-stop carbon brushes	●
Electronic soft start feature	●
Electronic speed stabilization	●
Maximum torque	34 inch lbs.
	Also available 220V

Backing pad size	4"-5"
No Load Speed (RPM)	1700-5400
Amps	9.6
Rated Input Watts	1,100
Spindle thread	5/8"-11
Tool weight	5.2 lbs.
Shipping weight	7.9 lbs
Length	12 3/4"

Standard Equipment:	Loop handle (343399690)
Optional Equipment:	4" Hook and loop backing pad (626149000)
	Tool Bag (638530000)

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.

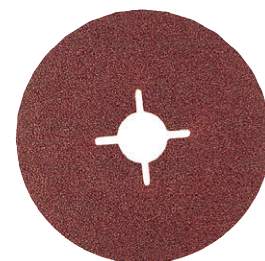
Zirconia Alumina (ZA) - Very aggressive stock removal on steel, stainless steel and other metal applications, extremely long life, cooler grinding.

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

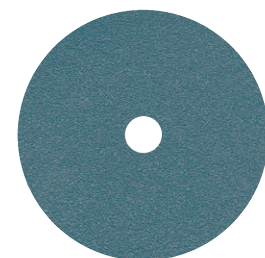
Small Grinders

NEW

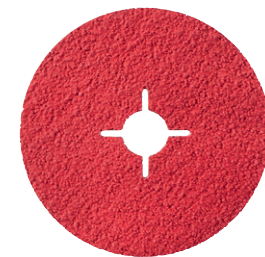
	Disc Size	Aluminum Oxide		Zirconia Alumina		Ceramic Grain	
		Grit	Slotted Order #	Grit	Non-Slotted Order #	Grit	Slotted Order #
Backing Pads	623283000	4-1/2 x 7/8	A16	624135000	ZA16		
		4-1/2 x 7/8	A24	624136000	ZA24	656350000	CER24 626150000
		4-1/2 x 7/8	A36		ZA36	656351000	CER36 626151000
		4-1/2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



Slotted
(Aluminum Oxide)



Non-Slotted
(Zirconia Alumina)



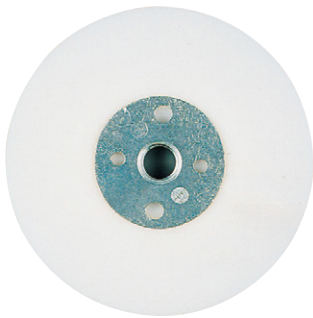
Slotted
(Ceramic Grain)

Large Grinders

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

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

Backing Pads - For Resin Fiber Abrasive Discs



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

Replacement Backing Pad Nuts

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

Wire Cup Brushes



Small Air and Electric Grinders

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

Large Air and Electric Grinders

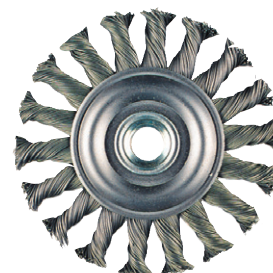
Order #	Dia.	Thread	Wire	Max RPM	Use on	Pkg.
655209000	4"	5/8"-11	0.014 carbon stl crimped	8,500	7"-9" grinders	Boxed
623765000	4"	5/8"-11	0.023 carbon stl knotted	8,500	7"-9" grinders	Boxed
655211000	6"	5/8"-11	0.014 carbon stl crimped	6,600	7"-9" grinders	Boxed
655210000	6"	5/8"-11	0.023 carbon stl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



Wire Wheel Brushes

Small Air and Electric Grinders

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



Large Air and Electric Grinders

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

Bench Grinder

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



Wire Brush Adaptors

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

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

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



Wire End Brushes-1/4" Stem

For Drills, Hammer Drills and Die Grinders

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



Crimped Wheel-1/4" Stem

For Drills and Hammer Drills

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



Diamond Wheels - Dry or Wet Use

Cutting/Grinding of Concrete, Masonry, Stone, Block, or Brick



Tuck Pointing

1/4" thick x 10mm segment height.

Segmented Tuck Pointing Blades:

Tough cutting

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



Dual Blade Tuck Pointing Blades/Sandwich design:

Freer cutting/lower power requirements

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



Cutting

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

Segmented Diamond Cutting Blades:

Tough cutting

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



Continuous Rim Turbo Diamond Cutting Blades:

Clean cutting, no chipping

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656636000	4-1/2 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	13300	1
656637000	5 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	12000	1
656638000	6 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	10185	1
656640000	7 x .090 x 5/8-7/8	Premium, Fast Cutting, Long Life	8730	1



Grinding/Surface Preparation

Cup Wheels for Concrete Surface Preparation/Grinding:

Fast cut

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



Cup Wheels for Aggressive Removal of Concrete / Coatings:

Long Life

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

Carbide Burs - Double Cut

Spec.

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

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

Note: Other sizes and shapes are available upon request.



SA

SC

SD

SF

SL





SMOOTHING THE WAY TO PERFECTION.

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



Variospeed (V) Full-wave Electronic Speed Control

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

Ergonomic design

Design provides a superior comfort level for the user.

Electrodynamic balancing system

Reduces noise and vibration

Double insulation

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

Integrated dust collection system

Solid Aluminum die-cast bearing flange

Guarantees a higher service life of the machine.

Oscillating plate made of die-cast Aluminum

More robust material provides for longer service life.

Quick grip system

For quick and easy change of sanding paper.

Dust sealed ball bearings

Longer service life due to optimum dust protection.

Sanding up to the outermost corner

Oscillating plate without protruding parts.



Power Control System

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

Unique Dual Orbit Setting

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

Turbo Boost









For maximum material removal rate.

Which sander for which job?

Application	Type and output	Page
6" Random orbit sander for universal use due to Duo oscillating circuit setting. Finest sanding on even and curved surfaces using 1/8" orbit. Fastest material removal rate using 1/4" orbit, and for even faster removal a Turbo Boost. Variable speed makes tool suitable for sanding heat-sensitive materials and surfaces. Sanding of very thin materials (e.g. veneers).	SXE450 TurboTec 400 Watts	94

We never ask of others
what we cannot

ACHIEVE
ourselves

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 A40 A60 A80 A100 A120 A180 A240 A320 A400 (packs of 25) 6" (6 hole) A40 A60 A80 A100 A120 A180 A240 A320 A400	 6" (6 hole) 624001000 624002000 624003000 624004000 624005000 624006000 624007000 624008000 624009000 624019000 624020000 624021000 624022000 624023000 624024000 624025000 624026000 624027000
	6" Sanding Assortment Package includes: 10 Pieces- P 60 10 Pieces- P 80 5 Pieces- P 120	624066000
	"Cling-fit" polishing sponge 6"	 631233000
	"Cling-fit" 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



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)
---------------------	-----------------------------------------------------------------------------------------------------------------------------------------------

Dual Orbit Settings:	<ul style="list-style-type: none"> • 1/8" orbit for fine finishing • 1/4" orbit for faststock removal
----------------------	-------------------------------------------------------------------------------------------------------------------------------



Turbo Boost allows for extreme performance results for fastest removal of stock!



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 T-shank style blades	●
Sawdust is blown from line of cut for better visibility	●
Anti-splintering sole plate insert	●
Auto-stop carbon brushes	●
Quick blade change system	●
Maximum Torque	62 inch lbs.
Maximum thickness of material	
- wood	5 1/4"
- non-ferrous metal	1 3/8"
- sheet steel	3/8"
Rated input watts/amps	720/6.1
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)



Jig Saw Accessories



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



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



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

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



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



Back View
of Heat Gun

H16-500
2-Stage Variable Temperature
Heat Gun



Back View
of Heat Gun

HE20-600
Electronic 3-Stage Variable
Temperature Heat Gun



Back View
of Heat Gun

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

Model #	H16-500	HE20-600	HE23-650
Order #	601650420	602060420	602365420
Double insulation	●	●	●
Variospeed (V) electronics	●	●	●
Digital programable temperature w/LED display			●
Temperature regulation via thumbwheel		●	
Non-slip pads for stationary use	●	●	●
One handed temperature adjustment	●	●	●
Thermal fuse for safety	●	●	●
Rated input watts	1600	2000	2300
Air Flow	8.5/15.9	5.3/10.6/17.7	5.3-8.8/5.3-17.7
	CFPM	CFPM	CFPM
Air Temperature	572/932 °F	122/122-1100 °F	122/122-1200 °F
Tool weight	2.0 lbs.	2.3 lbs.	2.6 lbs.
Shipping weight	3.0 lbs.	3.3 lbs.	3.6 lbs.
Length	11 1/4"	11 1/4"	11 1/4"
Carrying case	623854000 (optional)	623854000 (optional)	623854000 (optional)

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

Futuro Top Keyless Chucks

For hammer drills

For Hammering

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

Individually packaged in cardboard boxes.



Futuro Plus Double Sleeve Reversible Keyless Chucks

For corded and cordless drills

- 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
1/16"-1/2"	Quick-change	7	627240000

For Hammering

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

*With carbide jaws

Individually packaged in cardboard boxes.



Futuro Plus Single-Sleeve Reversible Keyless Chucks

For drills with spindle locking mechanism only

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

For Rotation Only

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

For Hammering

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

Individually packaged in cardboard boxes.



Taper Arbors

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

Individually packaged.



Keyless Drill Chucks

For non-reversing portable and stationary drills

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

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

Individually packaged in cardboard boxes.



Keyed Drill Chucks

For corded and cordless drills

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

For Power Tools

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

Individually packaged in cardboard boxes.



For Drill Presses

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

Individually packaged in cardboard boxes.

Replacement Chuck Keys

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

Individually packaged.

(See page 31 for rotary hammer quick-change chucks)



344452990



631397000



344452710



656304000



638530000



638531000



344454090
344454110
344454120
344454130
344454140
344454150
344454180
623854000



623894000



623874000

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

ALBERTA	CALGARY	T2C 2H7	COMPLETE POWER TOOL	# 9 7139 40th STR S.E.	403-720-0445
	CALGARY	T2E 2M5	DEMAND ELECTRIC	228 - 39TH AVE. N.E.	403-230-2709
	EDMONTON	T6H 2J5	CELTIC IND. SUPPLY LTD.	5736 103 A ST.	866-431-0970
	EDMONTON	T6E 4N6	DAN'S POWER TOOL REPAIR SERV.	8149 WAGNER ROAD N.W.	780-490-1955
	MEDICINE HAT	T1A 4W4	LEN'S TOOL REPAIR SERVICES	# 103 633 16TH S.W.	403-504-6140
BRITISH COLUMBIA	BURNABY	V5C4G2	WEST COAST TOOL SALES & SERVICES	4008 MYRTLE ST.	604-873-5394
	KELOWNA	V1Y 5V5	CENTRAL ELECTRIC MOTOR REWIND	1765 SPRINGFIELD RD.	250-860-4415
	LANGELEY	V3A 3V1	POWER TOOL CLINIC	19835-56 AVE # 105	604-530-3550
MANITOBA	WINNIPEG	R3C 2E6	ACCUTOOL SERVICE CENTER	465 LUCAS AVE.	204-772-6523
	WINNIPEG	R3E 3H1	ATHENA SMALL EQUIPMENT REPAIR	1125, EMPRESS ST.	204-786-1900
NEW BRUNSWICK	EDMUNDSTON	E3V 4N7	EDMUNDSTON ELECTRIC M.	6 RUE LACOMBE	506-735-4485
	SAINT JOHN.	E2L 3T9.	SOURCE ATLANTIC	11 MCLLVEEN DR.	506-632-1000
NEWFOUNDLAND & LABRADOR	MARYSTOWN	A0E 2M0	BREN-KIR INDUSTRIAL SUPPLIES	203 MCGETTIGAN BLVD.	709-279-2238
	ST JOHN'S	A1B 3R2	RIDEOUT TOOL &	REPAIRS SERVICE CENTER	709-754-2240
NOVA SCOTIA	DARTMOUTH	B3B 1N8	DEITER'S TOOL & SAW	100 JOSEPH ZATAMAN DR.	902-468-4888
NORTHWEST TERRITORIES	YELLOWKNIFE	X1A2N2	PROCAN TOOL & EQUIPMENT	103 KAM LAKE RD.	867-766-6025
ONTARIO	BRAMPTON	L7A 1S9	BRAMPTON TOOL REPAIR	10 FORDWICH BLVD	416-843-6971
	BRANTFORD	N3S 7X6	CHARLES JONES INDUSTRIAL LTD	33 SINCLAIR BLVD.	519-753-4154
	CAMBRIDGE	N3E 1A4	CHARLES JONES	785 BOXWOOD DR.	519-653-7973
	CHATAM	N7L 5J5	EQUIPMENT MEDIC	444 RIVERVIEW DR.	519-352-2226
	CONCORD	L4K4E3	MCBURNEY SALES & REPAIR	151 APPLEWOOD CRES	905-761-8700
	HAMILTON	L8L 3C4	ACTIVE TOOL REPAIR	955 BARTON ST. E.	905-545-7646
	INNERKIP	N0J 1M0	K.C.'S REPAIR CENTER	156 Blandford ST.	519-469-3351
	KINGSTON	K7M 1W6	BOYD ELECTRIC COMP.	833 PORTSMOUTH AVE.	613-548-4888
	KITCHENER	N2B 2E1	RMW ELECTRIC INC	350 SHIRLEY AVE.	519-744-1821
	KITCHENER	N2C 1L3	THE TOOL DOCTOR KIT.	30 MANITOU DR.	519-748-4780
	LONDON	N6E 2S5	PRYDE INDUSTRIAL INC	542 NEWBOLD ST.	519-690-1111
	MINDEN	K0M 2K0	LOCHLIN SERVICES	4763 GELEST RD.	705-286-6130
	MISSISSAUGA	L5L 1R6	MISSISSAUGA REPAIR CENTRE.	3120 GLEN ERIN DR.	905-828-1565
	NEPEAN	K2H5Z2	OTTAWA FASTENERS	175 ROBERTSON RD.	613-828-5311
	OAKVILLE	L6L 2X9	INDUSTRIAL TOOL REPAIR CTR.	2140 SPEERS RD.	905-827-5661
	BRANTFORD	GILBERT	MCEACHERN ELECTRIC LTD	106 ALICE ST.	519-753-0465
	SCARBOROUGH	M1B 3C5	GEORGE POWER TOOL SERV. INC.	1365 MORNINGSIDE	416-286-3933
	SCARBOROUGH	M1S 3P8	THE TOOL DOCTOR LTD SCAR.	70 MILNER AVE.	416-292-2290
	SOUTH PORCUPINE	P0N 1H0	PORCUPINE AIR TOOL REPAIR	234 CRAWFORD ST.	705-235-8950
	ST-CATHARINES	L2N 1L1	A & A POWER TOOL REPAIR LTD.	10 - A NIHAN DR.	905-646-4881
	WOODBIDGE	L4L 9C1	VITAL TOOL REPAIR	127B AVIVA PARK DR.	905-851-8974
QUEBEC	ALMA	G8B 4Y1	REPARATION INDUSTRIELLE	1950 AVENUE LAMOUNTAIN	418-668-3350
	BELOEIL	J3G 5X9	OUT PLACIDE MATHIEU	670 RUE PICARD	450-467-3565
	CHIBOUGAMAU	G8P1P9	MAS CHIBOUGAMAU INC.	874-3E RUE	418-748-7674
	CHICOUTIMI-NORD	G7G 1W4	J.SIROIS ELEC. INC.	2203 ROUSSEL	418-543-3308
	DRUMMONDVILLE	J2C 5A7	DOCTEUR DE L'OUTIL INC.	2405 RUE ST-PIERRE.	819-478-1109
	FERMONT	G0G 1J0	EQUIPEMENTS POLAIRES.	97 BERTRAND	418-287-5530
	GRANBY	J2G 2K9	GROUPE CAYA	373 BOIVIN	450-378-4438
	LAC-MEGANTIC	G6B 1B8	PIECES D'AUTOS L. VEILLEUX INC	4410 LAVAL ST.	819-583-2324
	LAVAL	H7L 5B6	SERVICE D'OUTILS FGL	949 RUE MICHELIN	450-972-7979
	LIMOGES	K0A 2M0	JEAN-CLAUDE CAYER ENT LTD	708 LIMOGES RD.	613-443-2293
	MONTREAL	H1J 1N1	DORSON LTEE	8551 BOUL PARKWAY.	514-351-0160
	MONTREAL	H3L 1H7	INOLEC CENTRE DE SERVICE	100 RUE DE PORT ROYAL E.	514-384-9021
	MOUNT-ROYAL	H4T 1H8	OUTIL PAC INC	5895 ANDOVER	514-733-3555

QUEBEC

NORMANDIN . . . . .	.G8M 4J6 . .	SERVICES D'OUTILLAGE NORMANDIN	1137 ST-CYRILL	418-274-5993
OTTAWA. . . . .	.K1B 3W5 . .	MYTEK POWER TOOLS SERV.	1541 STAR TOP RD.	613-749-7294
QUEBEC. . . . .	.G1P 4C6 . .	CLINIQUE OUTILLAGE M P INC	3075 BOUL. HAMEL	418-877-3371
RIMOUSKI-EST . . . . .	.G5L 1G4 . .	ONDINE INC.	570-C ST-GERMAIN	418-725-0800
ROUYN-NORANDA . . . . .	.J9X 6P2 . .	EQUIPEMENTS T N O (2005) INC	325 BOUL. INDUSTRIEL	819-764-3221
SEPT-ILES . . . . .	.G4R 3R4 . .	OUTILTECK ENR.	5 REGNEAULT	418-961-2777
SHERBROOKE. . . . .	.J1G 1E4 . .	DO-MAR ELECTRIQUE INC	1136 KING EST.	819-563-2234
ST ANTONIN . . . . .	.G0L 2J0. . .	ALAIN MAILLOUX DYNATECH	788 CHEMIN RIVIERE VERTE.	418-867-3811
ST-FELIX-DE-VALOIS . . . . .	.J0K 2M0 . .	CLINIQUE DU MOTEUR ELEC	45 RUE LAPORTE	450-889-4279
ST-GEORGES . . . . .	.G5Y 5E6 . .	VEILLEUX FILS INC	3195 6E AVENUE OUEST	418- 228-6207
ST-HYACINTHE . . . . .	.J2S 3W1 . .	CENTRE DE SERVICE HM INC	5825 BLV LAURIER, OUEST	450-774-7788
ST-JEAN-SUR-RICHELIEUX J3B 2M1 MOTEUR ELECTRIQUES ST-JEAN			505 RUE ST-JACQUE S.	450-347-3265
ST-LAURENT . . . . .	.G4W 2V8. . .	ROLAND DUMAS	147 RUE THIBAUT	418-562-4947
STE-FOY . . . . .	.G1N 4L6 . .	REPARATION D'OUTILS Martel	2025 RUE LAVOISIER	418-681-9444
THETFORD MINES. . . . .	.G6H2N1. . .	THETFORD ARMATURES	1224 RUE DU PARC	418-423-5684
TROIS RIVIERE . . . . .	.G8T 8P6 . .	OUTIBO INC	351 RUE VACHON	819-373-7518
TROIS RIVIERES. . . . .	.G8T 9C7 . .	BEL OUTIL ENR.	1200 DUBORD	819-378-0237
VICTORIAVILLE. . . . .	.G6P 5H2 . .	ST-CYR MOTEURS ELECT. 1990 INC	219 RUE OLIVIER.	819-752-5214

MODEL NUMBER	ARMATURE	FIELD	BRUSHES	CARBON UNIT	ELECTRONIC SWITCH	CORD	OTHER	OTHER
626	310006220	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
703 VAR. 0 & 1	310007080	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
703 VAR. 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)
AD75-16	310006220	311008880	316033740		343072460	655065000	635025000 (1)	635167000(2)
ASE18					316039220		316039210 (G)	
ASE18 LTX					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		
BE751	310009410	311009830	316046960		343409240	655065000	635250000 (1)	635167000(2)
BE1020	310007850	311009840	316034970		343406880	655065000		
BE1100	310009430	311010930	316046960	343081180	343409250	655065000	635250000 (1)	635167000(2)
BE75-16	310006220	311008880	316033740		343072460	655065000	635250000 (1)	635167000(2)
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)	
BS18 LTX QUICK	317003690 (I)				343408750		316047160 (14)	
BS T12 IMPULS	316037170 (I)				343406890		316029820 (14)	
BS T12 PLUS	317002560 (I)				343406890		316029840 (14)	
BS T15.6 PLUS	317002570 (I)				343406890		316029840 (14)	
BS 18 PLUS	317002580 (I)				343406890		316029840 (14)	
BS T18 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		
DS175					343409550	344498710		
DS200					343409550	344498710		
DSD250					343409550	344498720		
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)	
H16-500				341148320 (H)	343082610	655064000		
H20-600				341148330 (H)	343082630	655064000		
H23-650				341148350 (H)	343082620	655064000		
H1600				341146840 (H)	343077790	344494260		

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

PARTS REFERENCE

MODEL NUMBER	ARMATURE	FIELD	BRUSHES	CARBON UNIT	ELECTRONIC SWITCH	CORD	OTHER	OTHER
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-D24	310007870	311009830	316034550		343407510	655064000		
KHE-D28	310007850	311009840	316034970	343078740	343407460	655064000		
KHE32	310008080	311009840	316032530	343078680	343406980	655064000		
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)	
KSAP 18	316038060 (I)				343407570			
KSA 18 LTX	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			
STA18	316047710 (I)				343409090			
STE70	310007900	316030110	316033910		343406950	655065000	316029620 (5)	316029880 (6)
STE105 PLUS	310007980	311009970	316034930	343077580	343406730	655064000	339129420 (5)	316029880 (6)
STE 135 PLUS	310007980	311009970	316034930	343077580	343406730	655064000	339129420 (5)	316037680 (6)
STEB 105 PLUS	310007980	311009970	316034930	343077890	343406950	655064000	339129420 (5)	316029880 (6)
STEB 135 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	31156 (10)	

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	BRUSHES	CARBON UNIT	ELECTRONIC SWITCH	CORD	OTHER	OTHER
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		
UHE2650	310009430	311010930	316046980	343082000	343409250	655064000		
UHE28 (600361420)	310007850	311009840	316034970	343078100	343406880	655064000		
ULA14.4-18					343394770			
USE8	310007860	311009820	316034940		343407190	655064000	344162720 (12)	
W18 LTX	310009690	311011150	316047580	343082060	343082060			
W680	310010180	311011490	316047440		343408260	655065000	341031290 (7)	341101480 (7)
W6-115	316040670	311010470	316039610		343408260	655065000		
W780	310010000	311011380	316047440		343408260	655065000	341031290 (7)	341101480 (7)
WP780	310010000	311011450	316047440		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		
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		
W2000 (606418420)	310009730	311011200	316047490		343409150	655066000		
W2000 (606420420)	310009730	311011200	316047490		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 <http://www.metabo.us/Spare-part-lists.17589.0.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: Header Sign
Size: 14" x 48"
Item No.: US1013



Description: Header Sign
Size: 14" x 48"
Item No.: US895



Description: WEPBA Banner
Size: 5' x 3'
Item No.: US823



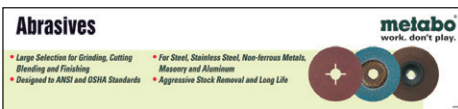
Description: Power Tools
Banner (vinyl)
Size: 3' x 5'
Item No.: US780



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



Description: 4.0 Cordless
Banner (vinyl)
Size: 3' x 5'
Item No.: US824



Description: Header Signs for Abrasives
(use with header card holder item no. US1020 and US10121)
Size: 5" x 23"
Item No.: US1028



Description: Header Signs for Drill Bits
(use with hangbar item no. US1020 and US1021)
Size: 5" x 23"
Item No.: US1016 (SDS-Max) US1018 (SDS-Plus)
US1017 (Spline) US1019 (Straight Shank)



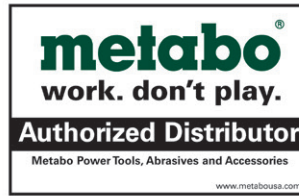
Description: Header Signs for Saw Blades
(use with hangbar item no. US1020 and US1021)
Size: 5" x 23"
Item No.: US1037 (Reciprocating Blades) US1038 (Jig Saw Blades)



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



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: 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: Hooks for use with Wire Grid (item no. US1031)
and Hangbars (item no. US1021 & US1022).
Size: Various
Item No.: US1025 (1/8" x 6") US1026 (3/16" x 6") US1027 (3/16" x 10")



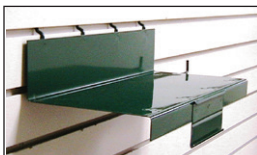
Description: Wire Racks for 12" and 14" Cut-off Wheels.
Each rack holds 15-20 wheels depending on wheel thickness.
Size: 4 1/8" w x 8" h x 15" d
Item No.: US1032 (for 12" whls.) US1033 (for 14" whls.)



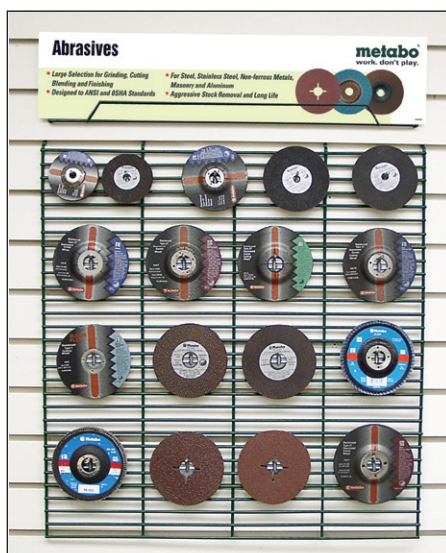
Description: Header Sign Holder
Use with abrasives header cards
(order nos. US1028 and US710) and wire grid
(order no. US1031). Mounts on slat wall or 1/4" pegboard.
Size: 1 1/2" x 23"
Item No.: US1020



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: 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: Pen

Color: Green

Item No.: 633944000



Description: Magnetic Clip

Color: Green/Black Grip

Item No.: US846



Description: Travel Cup

Color: Green

Item No.: US847



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)



Description: Long Sleeve Oxford
Item No.: US751L (Large)
US752XL (X-Large)
US753XXL (XX-Large)

Manufacturer of quality power tools and abrasives.

Metabo Canada Inc.
5025 Orbitor Drive
Building 6, Suite 300
Mississauga, ON, L4W 4Y5
Phone: 1-877-638-2261 (Tool Free)
Fax: 1-877-638-2269
www.metabo.ca



metabo[®]
work. don't play.

