

# metabo®

PROFESSIONAL POWER TOOL SOLUTIONS

## 2020-2021 Power Tools + Accessories



# WHAT YOU EXPECT FROM PROFESSIONAL POWER TOOLS: METABO DELIVERS.



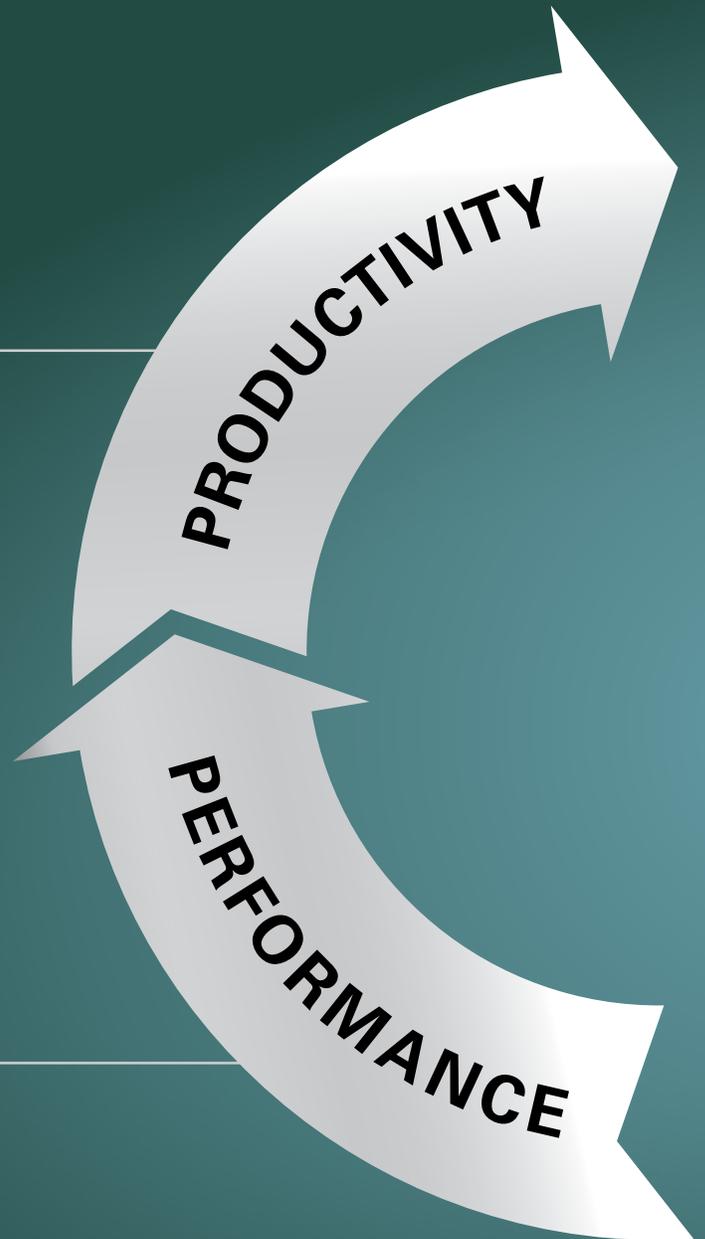
## ULTIMATE PRODUCTIVITY

We know you expect your power tools to deliver high productivity. Our goal is to create system solutions with the highest productivity, saving time and money when pairing our tools and accessories.



## PERFORMANCE

Metabo power tool and accessory systems are designed to exceed expectations: for all your applications, our solutions will perform better than any other system, making sure you get a better job done faster.



WATCH VIDEO!



#### MAXIMUM SAFETY

Between lost time and injury related cost, safety is of utmost importance for today's professionals. Our products offer utmost safety and protection for the user - with this, we are continuously setting new standards in the market.

Discover more: [metabo.com/safety](https://metabo.com/safety)



#### QUALITY

Perhaps the most vertically integrated power tool manufacturer, Metabo controls the quality of its manufacturing processes with the tightest tolerances. From aluminum die-casting to injection composite molding, we know what drives quality inside a tool. We use the highest quality raw materials to build our motors - you can feel the difference.

# MADE IN GERMANY: INNOVATION IS OUR TRADITION.

MADE IN GERMANY

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



Aluminum foundry



Engineering



Plastic injection molding



Mold construction



Mechanical production



Assembly



Steel parts with  
hardening plant

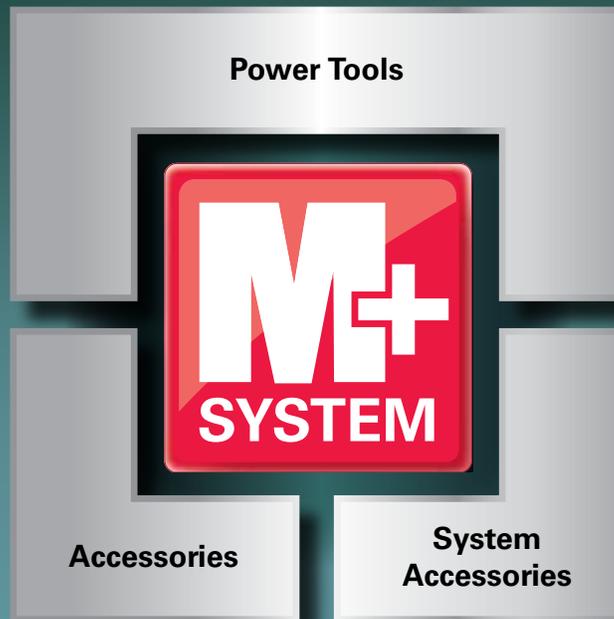


Motor production

# BOOST PERFORMANCE WITH "THE METABO SYSTEM"

FOR HIGHEST PERFORMANCE, PRODUCTIVITY AND SAFETY:  
PAIR METABO TOOLS AND ACCESSORIES

As a system provider, we pair the performance of our tools with an optimally coordinated range of system accessories and consumables. Only this way will you achieve the productivity, long service life, and reliability that you expect from a Metabo system.



## Everything to complete your job.

We offer a complete range; cutting, grinding and finishing accessories, carbide bits, chucks and many more in reliable Metabo quality.



## Everything that makes your tool even more efficient.

Dust extraction systems, job matched guards, accessory handles for maximum ergonomics and cordless technology that allows you to work anywhere!

## Your benefits

With Metabo accessories and system accessories you can:

- Enjoy the safest systems in the industry
- Optimize the use, performance and efficiency of Metabo tools
- Rely on highest quality, durability and reliability
- Save money: Metabo systems offer the lowest overall cost of operation





## 3-Year Warranty

See page 145 for more information.

## Locate your nearest service center

[metabo.com/us/enus/storefinder](https://metabo.com/us/enus/storefinder)

If you have a particular question about Metabo products or applications, our competent and experienced service staff is at your disposal to provide personal support for your individual requirements. [Call us at 1-800-638-2264 ext. 3.](tel:1-800-638-2264)

## Metabo Max Repair Program

The MMR program guarantees that you will not pay more than the published Max Repair rate for that tool. See page 144 for more information.

## Metabo Factory Service Website

[metabousafactoryservice.com](https://metabousafactoryservice.com)

With our new factory service website, sending your tool for full service and maintenance has never been easier. Go to our website, select your tool from the drop-down menu, process the order, use the supplied shipping label, and we will take care of the rest! See page 144 for more information. [Call us at 1-800-638-2264](tel:1-800-638-2264)

## 8-Year Availability Guarantee on Spare Parts

**8 Year availability guarantee on spare parts.** We realize your tool is important to you, and you want to keep it running as long as possible. When we make changes, you can be sure spare parts will be available for your tool for 8 years after its discontinuation date.

## Parts and Schematics

[metabo-service.com](https://metabo-service.com)

You can find important product information at [www.metabo-service.com](https://www.metabo-service.com) such as spare parts lists, schematics and user manuals.





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## Abrasives 60

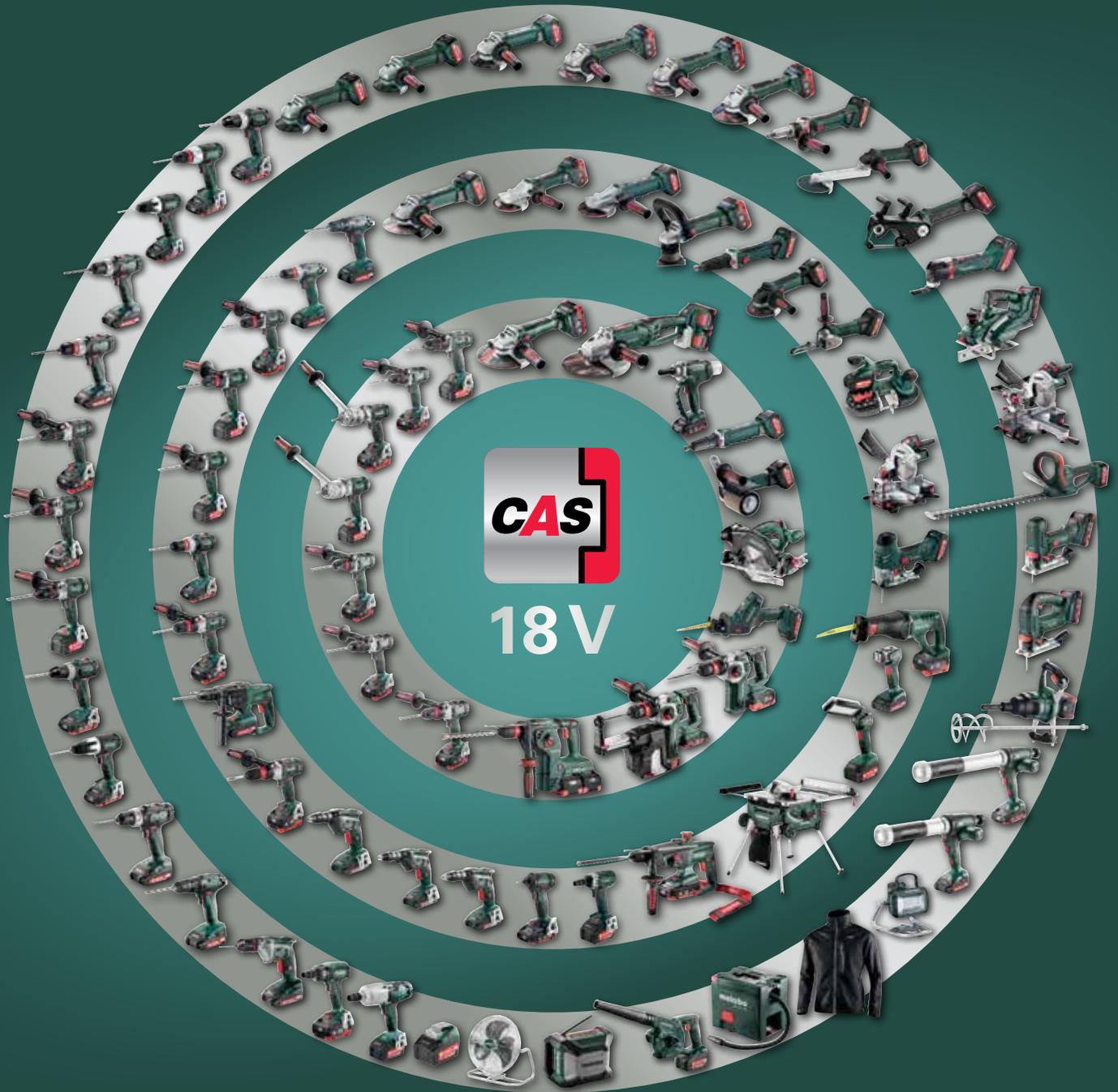
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# AMPLIFIED CORDLESS POWER



## THE MOST ADVANCED 18V BATTERY SYSTEM

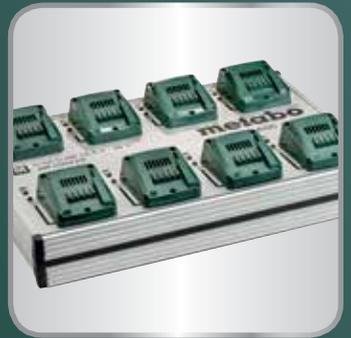
**Air-Cooled:** The built-in fan system quickly cools a hot battery pack, reducing the overall charging time while increasing battery life.

**Electronic Single Cell Protection (ESCP):** Each cell evenly charges and discharges, extending the life of the battery, helping protect the motor and extending the life of the tool.

**The Cordless Alliance System (CAS):** A cross-manufacturer battery pack system of leading power tool brands.



**3-Year Unconditional  
Battery Warranty**



## Cordless Solutions

➤ Over 90 tools on our cordless lineup, and many more coming!

➤ Most complete range of cordless metalworking and industrial tools on the market

- Powered by the breakthrough LiHD (Lithium High-Density) battery technology, Metabo cordless tools deliver true industrial productivity, replacing the need for cords and hoses
- Metabo offers more specialty metalworking tools than any other tool manufacturer
- Using the most advanced charging system, Metabo batteries charge faster and last longer, making sure you are always ready to work



## 3 CLASSES OF POWER 1 CHARGING PLATFORM

12V



BS 12 BL Q

18V



WPB 18 LTX BL 150

36V



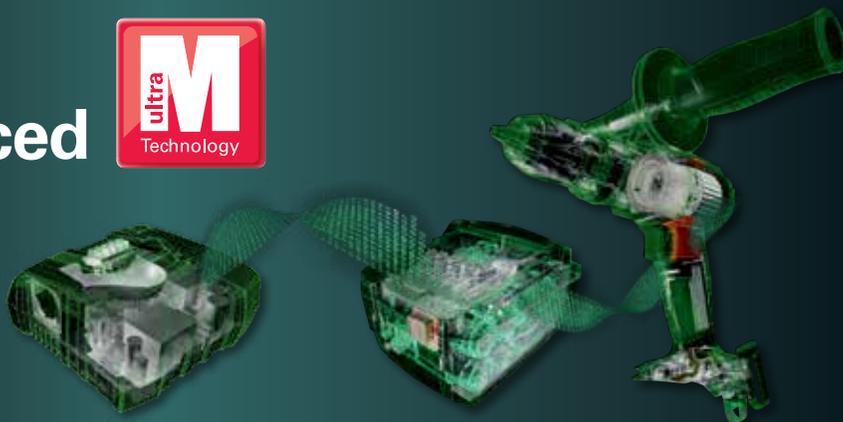
WPB 36 LTX BL 230

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# Ultra-M: The Most Advanced Battery System



The best metalworking cordless tools deserve the best battery system: Metabo offers a unique set of technologies designed to provide users with the power to tackle the most demanding applications.



## ➤ 115% More Run Time

The Metabo 8.0 Ah LiHD battery will run up to 115% longer than Metabo's 5.2 Ah Li-ion battery.

## ➤ 3-Year Full Battery Warranty

Please see Service at [www.metabo.com](http://www.metabo.com) for more details.



## ➤ Air Cooled: Ready to use again in no time

The charger's built-in fan system quickly cools a hot battery pack as it begins the charging cycle, reducing overall charging time. The result is a battery that will charge up to 30% faster and increased battery life.

## ➤ Resistance to Extreme Temperatures

A fully charged LiHD battery pack will deliver 100% of its power in temperatures ranging from 5°F to 122°F.

## ➤ Electronic Single Cell Protection (ESCP)

Each individual battery cell is evenly charged and discharged every single time, thus greatly extending the life of the battery. The electronics further protect the motor and switch components against overload / overheat extending the life of the tool in demanding applications.

## ➤ Intelligent Battery

The key behind the system is a microchip in the battery that effectively communicates with the tool and the charger.

## ➤ 100% Compatibility

All Metabo batteries, tools and chargers are compatible.



## ➤ Brushless Motor Technology

(depending on model)

- Longer motor life
- Increased power
- Longer run time
- Less friction
- Less heat build up
- Highest efficiency

Metabo participates in:

For more information  
[call2recycle.org](http://call2recycle.org)



## Cordless Alliance System: One battery, many solutions.



## Metabo - leading the future of cordless freedom - across manufacturers!

The Cordless Alliance System (CAS) is a cross-manufacturer battery pack system of leading power tool brands.

The CAS brings together a variety of professional cordless power tools that perform a wide range of tasks, all using the same battery platform.

For more information please see:  
[www.cordless-alliance-system.com](http://www.cordless-alliance-system.com)



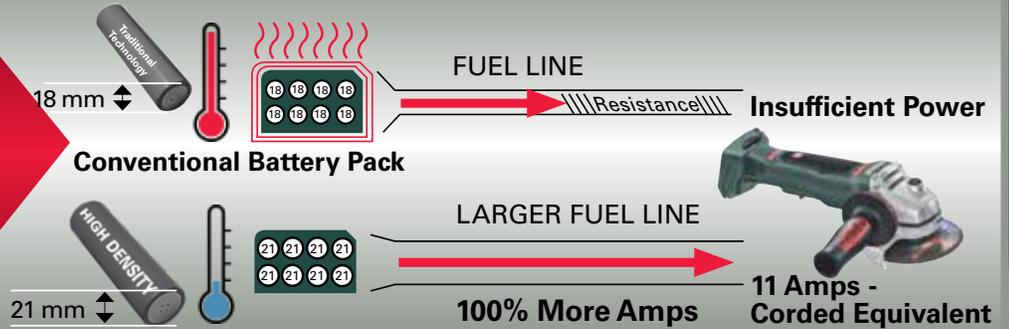
# AMPLIFIED CORDLESS POWER



LEARN MORE!

# 100% MORE POWER\*

## NEW CELL TECHNOLOGY



# 115% MORE RUNTIME\*

## NEW BATTERY ARCHITECTURE

Air-Cooled design allows for faster charging cycles

Epoxy sealed electronics

Highest quality copper and nickel plating in connectors



Larger, higher current carrying contacts

More robust silver plated copper power rails

# 90/1

Power Tools Battery pack



# THE ONLY CHOICE FOR CORDLESS METALWORKING!

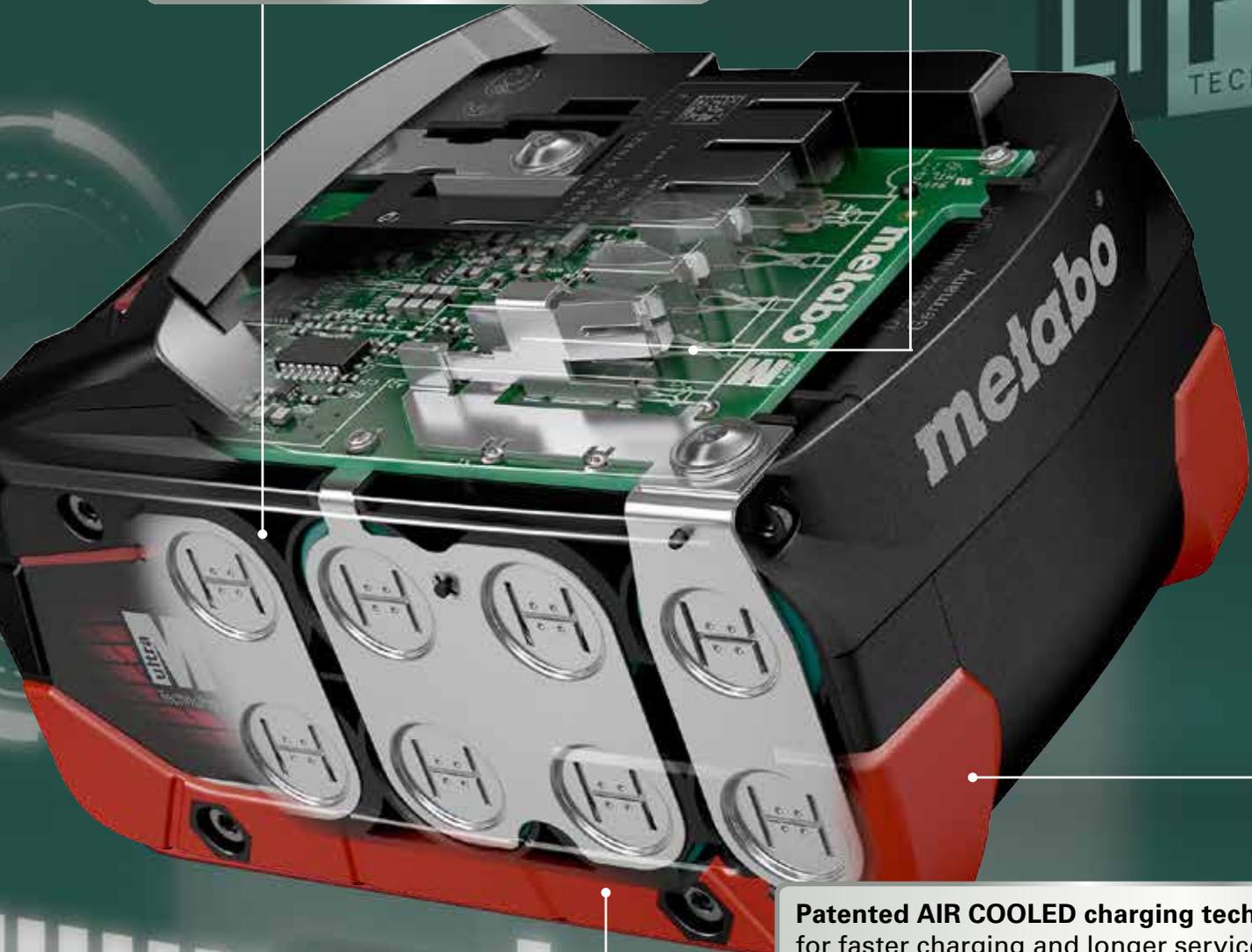
\* US Industry Standard 5.2 Li-ion

**More robust silver plated copper power rails**



**Revolutionary LiHD high-performance cells**

**LiHD**  
TECHNOLOGY



**Patented AIR COOLED charging technology – for faster charging and longer service life.**



**100% compatibility**  
with all current and future  
cordless machines from  
Metabo.

# CORDLESS 12V

## 12V 3/8" Brushless Drill Driver

BS 12 BL Quick

**2**  
SPEED

2-Speed Gearbox for Versatile Use:  
- 1,650 RPM for most common applications  
- 500 RPM for high torque needs

Quick Change Chuck  
with 1/4" hex bit holder



BL Motor  
- Up to 398 in. lbs. torque  
- Longest life and runtime

**BRUSHLESS  
MOTOR**

**SAME CHARGER  
AS 18V & 36V**

Quick Optional Accessories:  
- Right Angle Attachment  
- Lock-on Bit Holder



### Quick Off-set Attachment

627234000 for BS 12 BL Q



### Quick Change Right Angle Drive Adaptor

627261000 for BS 12 BL Q



### 12V LED Flashlight

ULA 12 LED

Bare: 600788000 210 lumen



### USB, Charger and Adaptor

PA 12 LED-USB

Bare: 600298000



### 12V Caulking Gun

KPA12 600

Bare: 601218850

KPA 12 400

Bare: 601217850

Discharge force: 990 lbs

Cartridge: 14 oz./21 oz.



### 12V Reciprocating Saw

PowerMaxx SSE 12 BL Compact

Bare: 602322890

**NEW**



See page 31  
for more recip saws

### 12V 4.0 Ah LiHD Battery Pack

625349000



### 12V 2.0 Ah Li-Ion Battery Pack

625406000

# POWER TOOL LINE



**BS 12**  
3/8" Drill/Driver



**BS 12 BL Quick**  
3/8" Drill/Driver

BRUSHLESS  
MOTOR



**SSD 12**  
1/2" Impact Driver



**SB 12**  
3/8" Hammer Drill/Driver



**SB 12 BL**  
3/8" Hammer Drill/Driver

BRUSHLESS  
MOTOR



**SSD 12 BL**  
1/2" Impact Driver

BRUSHLESS  
MOTOR

**Model:**  
Drill/Drivers

**BS 12**  
**601036520**  
Kit: 2x 2.0Ah

**BS 12 BL Quick**  
**601039520**  
Kit: 2x 4.0Ah LiHD

**Bare:** 601036890

**Bare:** 601039890

**Hammer Drills**

**SB 12**  
**601076520**  
Kit: 2x 2.0Ah

**SB 12 BL**  
**601077520**  
Kit: 2x 4.0Ah LiHD

**Bare:** 601076890

**Bare:** 601077890

**Combo Kits**

**SB 12 + SSD 12**  
**685167520**  
Kit: 2x 2.0Ah

**SB 12 BL + SSD 12 BL**  
**685165520**  
Kit: 2x 4.0Ah LiHD

**Model:**  
Drill/Drivers

**SSD 12**  
**601114520**  
Kit: 2x 2.0Ah

**SSD 12 BL**  
**601115520**  
Kit: 2x 4.0Ah LiHD

**Bare:** 601114890

**Bare:** 601115890

|                                       |             |                         |
|---------------------------------------|-------------|-------------------------|
| Gearbox                               | 2-speed     | 2-speed                 |
| Quick change chuck                    |             | • (BS 12 BL Quick only) |
| Planetary gearing                     | •           | •                       |
| LED light                             | •           | •                       |
| No-load speed (RPM)                   | 360 / 1,400 | 500 / 1,650             |
| Max impacts/min (hammer drills only)  | 21,000      | 21,000                  |
| Maximum tightening torque:            |             |                         |
| - Soft case (continuous)              | 151 in.lbs  | 159 in.lbs              |
| - Hard case (maximum)                 | 354 in.lbs  | 398 in.lbs              |
| Max chuck capacity (inch.)            | 3/8"        | 3/8"                    |
| Maximum drilling capacity             |             |                         |
| - in mild steel                       | 3/8"        | 3/8"                    |
| - in softwood                         | 5/8"        | 1"                      |
| - in brick/block (hammer drills only) | 3/8"        | 3/8"                    |
| Standard equipment:                   |             |                         |
| Side handle                           |             |                         |
| Batteries (kit only)                  | 625406000   | 625349000               |
| Quick change chuck                    |             | 627259000*              |
| Charger (kit only)                    | 627046000   | 627046000*              |
| Optional equipment:                   |             |                         |
| Quick right angle attachment          |             | 627261000*              |
| Quick Magnetic Bit Holder             |             | 627241000*              |

\*BS 12 BL Quick only





# ASSEMBLY PROCESS FROM START TO FINISH

## CUTTING + DRILLING



**2.5" Metal Band Saw**  
MBS 18 LTX 2.5  
(see page 21)



**Metal Cutting Circular Saw**  
MKS 18 LTX 58  
(see page 21)



**4,000 RPM High-Speed Drill**  
BE 18 LTX 6  
(see page 21)



**18V 3-Speed 1/2" Brushless Drill/Driver**  
BS 18 LTX-3 BL Q I  
(see page 27)

**Up to 3,800 RPM!**

### Angle Grinders

(see page 20)

- WPB 18 LTX BL 115 (4 1/2")
- WPF 18 LTX 125 (5" Flathead)
- WPB 18 TLX BL 150 (6")
- WPB 36-18 LTX BL 230 (9")

Safety Brake: Quickly stops the wheel



Paddle Switch



Rotatable battery pack  
Ideal for grinding and cutting applications in hard to reach areas



**Optimum Performance with 6" Original Slicer!**  
#655339000  
(see page 66)



# WITH METABO CORDLESS

## TAPPING



**2 in 1: Push pull tapping tool & 1/2" Brushless Drill/Driver**  
 GB 18 LTX BL Q I  
 (see page 24)

**Chucks for Tapper**  
 1/2" Quick Change Tapping Chuck M8-M12 #627237000  
 1/2" Quick Change Tapping Chuck M4-M6 (up to 1/4") #627235000

## FASTENING



**Brushless 1/4" Impact Driver**  
 SSD 18 LTX 200 BL  
 (see page 25)



**Brushless High Torque 1/2" Impact Wrench**  
 SSW 18 LTX 300 BL  
 (see page 25)

## RIVETING

**NEW**



**Rivet Gun**  
 NP 18 LTX BL 5.0  
 (see page 24)

**Up to 1/4" Rivets in aluminum!**



# CORDLESS 4 1/2" -6" ANGLE GRINDERS



**WPB 18 LTX BL 115**  
4.5" Brushless Paddle  
Switch Angle Grinder with Brake



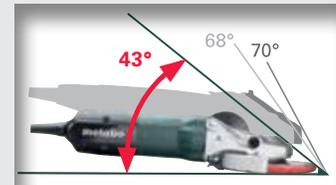
**WPF 18 LTX 125**  
5" Flat Head Paddle  
Switch Angle Grinder



**WPB 18 LTX BL 150**  
6" Brushless Paddle  
Switch Angle Grinder with Brake

Included:  
4 1/2" and 6" wheel  
guards, for use with  
all your applications

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



**PATENTED FLAT HEAD  
GEARBOX DESIGN**

A 2-5/8" clearance fits  
acute angles as small as 43°

| Model Kit:  | <b>WPB 18 LTX BL 115</b><br><b>613074620</b><br>Kit: 2x 5.5Ah LiHD batt | <b>WPB 18 LTX BL 150</b><br><b>613076640</b><br>Kit: 2x 8.0Ah LiHD batt | <b>WPF 18 LTX 125</b><br><b>US613070620</b><br>Kit: 2x 8.0 Ah LiHD batt |
|---|---|---|---|
| Bare Tool:  | <b>613074860</b>  | <b>613076860</b>  | <b>613070860</b>  |
| Switch Type   | Non-Locking Paddle Switch   | Non-Locking Paddle Switch   | Non-Locking Paddle Switch   |
| Max. wheel diameter                                   | 4.5" Dia.   | 6" Dia.   | 5" Dia.   |
| Safety brake  | •   | •   |   |
| Power interruption protection                         | •   | •   | •   |
| Electronic clutch                                     | •   | •   | •   |
| Electronic overload protection                        | •   | •   | •   |
| Spindle lock  | •   | •   | •   |
| External carbon brush access                          |   |   | •   |
| Rotatable battery pack                                | •   | •   | •   |
| Detachable dust filter                                | • (included)  | • (included)  | • (included)  |
| No-load speed (RPM)                                   | 9,000   | 9,000   | 8,000   |
| <b>Standard equipment:</b>                            |   |   |   |
| 2 - 18V 8.0 Ah LiHD ext. batteries*                   | 625369000   | 625369000   | 625369000   |
| 2 - 18V 5.5 Ah LiHD ext. batteries*                   | 625368000   | 625368000   | 625368000   |
| Type 27 wheel guard                                   | 339203480 (4-1/2")  | 339204450 (6") / 339203480 (4-1/2")                                     | 316055590   |
| Side handle   | 316046590   | 316046590   | 316046590   |
| Inner flange  | 341031290   | 341031290   | 341031290   |
| Locking nut   | 341101480   | 341101480   | 341101480   |
| Spanner wrench  | 623934000   | 623934000   | 623934000   |
| Quick-clip on type 1 cutting guard                    | 630351000   | 630353000   |   |
| Dust filter   | 313062620   | 316062620   | 343398890   |
| Charger   | 627046000 (ASC 55)  | 627046000 (ASC 55)  | 627046000 (ASC 55)  |
| *Note: Standard equipment is only available with kits |   |   |   |



**WPB 36-18 LTX BL 230**  
9" Cordless Angle Grinder



LEARN MORE!



|                                |   |
|--------------------------------|---|
| <b>Model Kit:</b>              | <b>WPB 36-18 LTX BL 230</b>                     |
| <b>Bare Tool</b>               | <b>613102860</b><br>(accepts 2 - 18V batteries) |
| Switch Type                    | Non-Locking Paddle Switch                       |
| Max. wheel diameter            | 9"  |
| Motor                          | 36V (2x 18V) Brushless                          |
| Rated input watts              | 2,400   |
| Safety brake                   | 3 sec   |
| Power interruption protection  | •   |
| Electronic clutch              | •   |
| Electronic overload protection | •   |
| Soft start                     | •   |
| Side handle                    | Anti-vibration                                  |
| Rotatable back handle          | 3 positions                                     |
| No-load speed (RPM)            | 6,600   |
| Carrying case (standard)       | •   |
| <b>Standard equipment:</b>     |   |
| Fast charger                   |   |
| 2 - 36V 6.2 Ah LiHD battery*   |   |
| Type 27 wheel guard            | 316065160                                       |
| Side handle                    | 314001470                                       |
| Inner flange                   | 341031850                                       |
| Locking nut                    | 341101480                                       |
| Spanner wrench                 | 623934000                                       |
| <b>Optional Equipment:</b>     |   |
| 9" Type 1 steel guard          | 630363000                                       |
| 7" Type 1 steel guard          | 630383000                                       |

**Lubrication Stick**  
#623443000



**Guide Rails**  
FS 80 #629010000  
FS 160 #629011000



**6-1/2" Steel Cut "Classic" Carbide Blade**  
(40 teeth) #628273000

**Aluminum Blade**  
(48 teeth) #628276000



**MBS 18 LTX 2.5**  
2.5" Band Saw with Brake

|  |                                      |
|--|--------------------------------------|
| <b>Model</b>   | <b>MBS 18 LTX 2.5</b>                |
| <b>Bare Tool :</b>                                   | <b>613022850</b>                     |
| Instant brake  | < 1 sec                              |
| Blade change   | "Quick" toolless blade change system |
| Max. cutting capacity                                | 2.5"                                 |
| Saw band speed                                       | 570 ft/min                           |
| Saw blade length                                     | 32-7/8"                              |
| Saw blade width                                      | 1/2"                                 |
| <b>Standard equipment:</b>                           |                                      |
| Blade guard  | 316095260                            |
| Allen key (3mm)                                      | 344199290                            |
| <b>Optional equipment:</b>                           |                                      |
| Bandsaw blades 32-7/8" x 1/2" x .020" 14TPI (2pk)    | 626427000                            |
| Bandsaw blades 32-7/8" x 1/2" x .020" 18TPI (2pk)    | 626428000                            |
| Bandsaw blades 32-7/8" x 1/2" x .020" 14/18TPI (2pk) | 626429000                            |

2-1/2" Band Saw cuts precise burr-free cuts in metal, aluminum and plastic with minimal sparks



**MKS 18 LTX 58**  
Metal Cutting Circular Saw

|   |                                      |
|---|--------------------------------------|
| <b>Model</b>  | <b>MKS 18 LTX 58</b>                 |
| <b>Bare Tool :</b>                                  | <b>600771850</b>                     |
| Instant brake                                       | < 1 sec                              |
| Blade change  | "Quick" toolless blade change system |
| Max. cutting capacity                               | 2-1/4"                               |
| Saw blade   | 6-1/2"                               |
| No-load speed (RPM)                                 | 3,600                                |
| <b>Standard equipment:</b>                          |                                      |
| 6-1/2" Steel Cut "Classic" Carbide Blade (40 teeth) | 628273000                            |
| Parallel guide/rip fence                            | 331054750                            |
| Hexagonal wrench                                    | 344161520                            |
| Guide rail adaptor                                  | 339137930                            |
| <b>Optional equipment:</b>                          |                                      |
| Lubrication stick                                   | 623443000                            |
| 6-1/2" Aluminum "Professional" Blade (48 teeth)     | 628276000                            |

# CORDLESS DIE GRINDERS AND BEVELING TOOL

**WORLD'S FIRST**

First cordless beveling tool for 45° chamfers up to 5/32" and radii 5/64" / 1/8"

**Cordless Beveling Tool**  
KFM 18 LTX 3 RF  
(5/32" capacity at 45°)  
(5/64"; 1/8" radius)



Rotatable Battery Pack  
- For working in confined spaces

Detachable Dust Filter  
- Protects motor components from damage

Additional Cutting Guide  
- For increased precision of straight edges and perfect beveled corners

Patented One-Touch Controller  
- Tool free depth adjustment  
- Unmatched precision  
- Locked in depth settings



LEARN MORE!



**GPA 18 LTX**  
25,000 RPM Die Grinder



**GA 18 LTX G**  
6,000 RPM High Torque Die Grinder



**KFM 18 LTX 3 RF**  
Cordless Beveling Tool

| Model Bare Tool:                    | GPA 18 LTX<br>600621860   | GA 18 LTX G<br>600639860 |
|-------------------------------------|---------------------------|--------------------------|
| Switch Type                         | Non-Locking Paddle Switch | Lock-on                  |
| Max. wheel diameter                 | 2" Dia.                   | 3" Dia.                  |
| Power interruption protection       | •                         | •                        |
| Electronic clutch                   | •                         | •                        |
| Electronic overload protection      | •                         | •                        |
| Spindle lock                        | •                         | •                        |
| Rotatable battery pack              | •                         | •                        |
| Detachable dust filter              | •                         | •                        |
| Collet bore                         | 1/4"                      | 1/4"                     |
| No-load speed (RPM)                 | 25,000                    | 6,000                    |
| Carrying case (standard) - kit only | 344454760                 | 344454760                |
| <b>Standard equipment:</b>          |                           |                          |
| Collet wrench                       | 344161300                 | 344161300                |
| 1/4" collet                         | 631949000                 | 630821000                |
| Side handle                         |                           | 631052000                |
| Soft rubber grip                    | 344099150                 | 344099150                |
| Dust filter                         | 343398890                 | 343398890                |
| <b>Optional equipment:</b>          |                           |                          |
| 1/8" collet                         | 631948000                 | 631948000                |

| Model Bare Tool:  | KFM 18 LTX 3 RF<br>601754750 |
|---|------------------------------|
| <b>5.5Ah Kit:</b> ASC30-36 Chgr + 2 LiHD 18V 5.5 Ah Batteries |                              |
| <b>Bare Tool:</b>   | <b>601754840</b>             |
| No-Load RPM   | 7,000                        |
| Battery pack  | (2) 18 V LiHD, 5.5 Ah        |
| Charger   | 627380000 (ASC 145)          |
| Max. chamfer height at 45°                                    | 5/32"                        |
| Possible radii  | 5/64" and 1/8"               |
| Depth setting index   | .004"                        |
| Type of edges   | Chamfer and radius           |
| Tool weight   | 6.8 lbs. (including battery) |
| <b>Standard equipment:</b>                                    |                              |
| (2) 45 degree carbide inserts                                 | 623560000                    |
| (2) 1/8" (R3) radius carbide inserts                          | 623562000                    |
| (2) 5/64" (R2) radius carbide inserts                         | 623561000                    |
| Edge guide  | 316093380                    |
| MVT Vibrattech side handle                                    | 314000970                    |
| Dust filter   | 343398890                    |

See Beveling Tools page 84

See Die Grinders Accessories page 91



**NEW**

**SCV 18 LTX BL 1.6**  
Cordless Shearer



**NEW**

**NIV 18 LTX BL 1.6**  
Cordless Nibbler

| Model<br>Bare Tool:        | SCV 18 LTX BL 1.6<br>601615840   | NIV 18 LTX BL 1.6<br>601614840  |
|----------------------------|--|---|
| Type of battery pack       | LiHD   | LiHD  |
| Battery voltage            | 18 V   | 18 V  |
| No-load strokes per minute | 1,350 - 4,840  | 660 - 2,360   |
| Max. material thickness    |  |   |
| - Mild steel               | 16 gauge   | 1/16"   |
| - Stainless steel          | 18 gauge   | 3/64"   |
| - Aluminum                 | 14 gauge   | 14 gauge  |
| Smallest curve radius      | 5/8"   | 1 9/16"   |
| Starting hole Ø            | 1"   | 53/64"  |
| Cutting track width        |  | 13/64"  |
| <b>Standard equipment:</b> | (2) Blades (630239000)<br>(2) Hexagon Wrenches<br>Feeler gauge<br>Metaloc Case | Punch (630243000)<br>Die (630247000)<br>Combination key<br>Metaloc Case |
| <b>Optional equipment:</b> |  |   |
| For med-high carbon steel  | 2 Blades<br>(630241000)  |   |

**SEE PAGE 94 FOR STAINLESS STEEL FINISHING TOOLS**



**18V Burnisher**  
S 18 LTX 115

**18V Pipe / Tube Sander**  
RB 18 LTX 60

**18V Band File**  
BF 18 LTX 90

**18V Fillet Weld Grinder/Finisher**  
KNS 18 LTX 150



**NEW**

**MT 18 LTX BL QSL**  
18V Multi-Tool



| Model<br>Bare Tool:             | Multi-Tool<br>613088840   |
|---------------------------------|---|
| Voltage                         | 18 V  |
| Length                          | 250 mm / 10"  |
| Electronics                     | VTC   |
| Weight                          | 2.6 lbs / 1,2 kg  |
| Oscillating angle               | 3.2°  |
| Oscillations per minute         | 8,000-20,000 opm  |
| Accessory compatibility         | Starlock®, StarlockPlus®  |
| Brushless motor                 | •   |
| Double LED Illumination         | •   |
| Tool-less magnetic blade change | •   |
| <b>Standard equipment:</b>      | Case, curved-tec<br>StarlockPlus® wood +<br>metal blade (626945000) |

## StarlockPlus® SAW BLADES for the Multi-Tool



**626945000**  
1-1/4" x 2 3/8" (32 x 60 mm)  
StarlockPlus® plunge saw blade  
For wood+metal



**626946000**  
1-1/4" x 2 3/8" (32 x 60 mm)  
StarlockPlus® plunge saw blade  
For wood



**626947000**  
1-1/4" x 2" (32 x 50 mm)  
StarlockPlus® precision saw blade  
For wood



**626948000**  
1-1/4" x 2" (32 x 50 mm)  
StarlockPlus® plunge saw blade  
For metal



**626949000**  
1-1/2" x 2" (40 x 53 mm)  
StarlockPlus® saw blade  
For wood/abrasive

## DEPTH STOP + DUST EXTRACTION

**626943000**  
Depth stop + dust extraction

## SANDING PLATE



**626944000**  
3-5/8" (93 mm)  
StarlockPlus® sanding plate

# CORDLESS DRILLING, RIVETING AND TAPPING



**BE 18 LTX 6**  
4,000 RPM High-Speed drill  
*Ideal for pilot holes and sheet metal*

| Model<br>Bare Tool:            | BE 18 LTX 6<br>600261890 |
|--------------------------------|--------------------------|
| Aluminum die-cast gear housing | •                        |
| Electronic brake               | •                        |
| No-load speed (RPM)            | 0-4,000                  |
| Max. tightening torque         | 35 in.lbs.               |
| Max chuck capacity (inch.)     | 3/8"                     |
| Maximum drilling capacity      |                          |
| - in mild steel                | 1/4"                     |
| Key Application                | Sheet metal              |
| <b>Optional equipment:</b>     |                          |
| Side handle                    | 631052000                |



**Rivet Gun**  
NP 18 LTX BL 5.0



LEARN MORE!

| Model<br>Bare Tool :            | NP 18 LTX BL 5.0<br>619002890 |
|---------------------------------|-------------------------------|
| Aluminum die-cast gear housing  | •                             |
| Quick change chuck              | •                             |
| LED light                       | •                             |
| Pulling force                   | 10,000 N / 2,250 lbs.         |
| Rivet capacity                  |                               |
| - in steel / stainless          | 3/16"                         |
| - in aluminum                   | 3/16"                         |
| # of rivets with 4.0 Ah battery | 5mm / 3/16" = 2,000           |



**GB 18 LTX BL Q I**  
2 in 1: Push pull tapping tool,  
1/2" Brushless Drill / Driver



**Tapping Tool with patented thread-tapping function cuts a perfect thread in seconds**

| Model<br>Bare Tool:  | GB 18 LTX BL Q I<br>603828890 |
|--|-------------------------------|
| Gearbox  | 2-speed                       |
| Aluminum die-cast gear housing   | •                             |
| Quick change chuck   | •                             |
| Planetary gearing  | •                             |
| Electronic brake   | •                             |
| LED light  | •                             |
| Impuls mode for removal of damaged screws and spot drilling on smooth surfaces | •                             |
| Max. tightening torque:  |                               |
| - Soft case (continuous)/Hard case (maximum)                                   | 531 / 1,062 in. lbs.          |
| Peak Torque  | 1,300 in. lbs.                |
| Max. chuck capacity (inch.)  | 1/2"                          |
| Max. tapping capacity  | M12 - 1/2"                    |
| Max. drilling capacity   |                               |
| - in mild steel / in softwood  | 1/2" / 2-1/2"                 |
| No-load speed (RPM)  | 0-500 / 0-1,850               |
| <b>Standard equipment:</b>   |                               |
| Side handle  | 314001030                     |
| Quick change tapping chuck: M8-M12   | 627237000                     |
| Quick change tapping chuck: M4-M6  | 627235000                     |
| Belt hook  | 316052120                     |
| Bit depot  | 316052130                     |
| <b>Optional equipment:</b>   |                               |
| Quick change chuck   | 627240000                     |
| Quick Power X3 torque multiplier   | 627256000                     |
| Quick right angle attachment   | 627242000                     |
| Quick Magnetic Bit Holder  | 627241000                     |

# CORDLESS IMPACT DRIVERS AND WRENCHES



**WITH  
APS**



**WITH  
APS**



**SSD 18 LTX 200 BL**  
1/4" Hex Impact Driver

**SSW 18 LTX 300 BL**  
1/2" Impact Wrench

**SSW 18 LTX 400 BL**  
18V Brushless High Torque  
1/2" Impact Wrench

**SSW 18 LTX 600**  
18V High Torque  
1/2" Impact Wrench

| Model<br>Impact Driver/Impact Wrenches   | <b>SSD 18 LTX 200 BL</b><br><b>602396520</b><br>Kit: 2x 4.0 Ah LiHD | <b>SSW 18 LTX 300 BL</b><br><b>602395520</b><br>Kit: 2x 4.0 Ah LiHD | <b>SSW 18 LTX 400 BL</b><br><b>US602205550</b><br>Kit: 2x 5.5 Ah LiHD<br><b>US602205310</b><br>Kit: 2x 4.0 Ah LiHD | <b>SSW 18 LTX 600</b><br><b>US602198550</b><br>Kit: 2x 5.5 Ah LiHD |
|--|---|---|--|--|
|  | <b>Bare: 602396890</b>  | <b>Bare: 602395890</b>  | <b>Bare: 602205890</b>   | <b>Bare: 602198890</b>   |
| <u>APS mode:</u> Automatic Power Shift (APS) monitors drilling speed and automatically adjusts torque when driving self-tapping screws | •   | •   |  |  |
| Electronics  | Variospeed (V)  | Variospeed (V)  | Variospeed (V)   | Variospeed (V)   |
| Speed range  | • 12 settings   | • 12 settings   | • 12 settings  |  |
| Aluminum die-cast gear housing   | •   | •   | •  | •  |
| LED light  | •   | •   | •  | •  |
| Drive  | 1/4" Hex  | 1/2" square w/ring retention  | 1/2" square w/ring retention   | 1/2" square w/ring retention                                       |
| No-load speed (RPM)  | 0-2,900   | 0-2,650   | 0-2,150  | 0-1,600  |
| Max. tightening torque   | 150 ft. lbs   | 221 ft. lbs   | 295 ft. lbs  | 450 ft. lbs  |
| Max. impacts/min. (BPM)  | 4,000   | 3,750   | 4,250  | 2,200  |
| Carrying case* (standard) - kit only   | 344455010   | 344455010   | 344455010  | 344455010  |
| <b>Standard equipment (depending on version):</b>  |   |   |  |  |
| 2-18V 5.5 Ah LiHD ext. batteries*  |   |   | 625368000  | 625368000  |
| 2-18V 4.0 Ah LiHD ext. batteries*  | 625367000   | 625367000   | 625367000  |  |
| Charger*   | 627046000 (ASC 55)  | 627046000 (ASC 55)  | 627046000 (ASC 55)   | 627046000 (ASC 55)   |
| Belt hook  | 316052120   | 316052120   | 316052120  | 316052120  |
| Bit depot  | 316052130   | 316052130   |  |  |
| *Note: Standard equipment is only available w/kits   |   |   |  |  |
| <b>Optional equipment:</b>   |   |   |  |  |
| Adaptor 1/2" sq. to 1/4" hex   |   | 628836000   | 628836000  | 628836000  |

**SB 18 LTX BL I + SSD 18 LTX 200 BL Combo Kit**  
1/2" Hammer Drill + 1/2" Impact Driver  
**US685127520**



**NEW**

**WITH  
APS**

|                                       | <b>SB 18 LTX BL I</b> | <b>SSD 18 LTX 200 BL</b>   |
|---------------------------------------|-----------------------|--|
| Gearbox                               | 2-speed               |  |
| Planetary gearing                     | •                     |  |
| Electronic brake                      | •                     |  |
| LED light                             | •                     |  |
| Impuls mode                           | •                     |  |
| Max. tightening torque:               |                       |  |
| - Hard case (maximum)                 | 1,062 in. lbs.        |  |
| Peak Torque                           | 1,300 in. lbs.        |  |
| Maximum drilling capacity             |                       |  |
| - in mild steel/ softwood             | 1/2" / 2-1/2"         |  |
| - in brick/block (hammer drills only) | 5/8"                  |  |
| No-load speed (RPM)                   | 0-500 / 0-1,850       |  |
| Max impacts/min (hammer drills only)  | 32,300                |  |
| <b>Standard equipment:</b>            |                       |  |
| Side handle                           | 314001030             |  |
| Belt hook                             | 316052120             |  |
| Bit depot                             | 316052130             |  |
|                                       |                       | <u>APS mode:</u> Automatic Power Shift (APS) monitors drilling speed and automatically adjusts torque when driving self-tapping screws |
|                                       |                       | •  |
|                                       |                       | Electronics  |
|                                       |                       | Variospeed (V)   |
|                                       |                       | Speed range  |
|                                       |                       | • 12 settings  |
|                                       |                       | LED light  |
|                                       |                       | •  |
|                                       |                       | Drive  |
|                                       |                       | 1/4" Hex   |
|                                       |                       | No-load speed (RPM)  |
|                                       |                       | 0-2,900  |
|                                       |                       | Max. tightening torque   |
|                                       |                       | 150 ft. lbs  |
|                                       |                       | Max. impacts/min. (BPM)  |
|                                       |                       | 4,000  |
|                                       |                       | <b>Standard equipment</b>  |
|                                       |                       | Belt hook  |
|                                       |                       | 316052120  |
|                                       |                       | Bit depot  |
|                                       |                       | 316052130  |
|                                       |                       | <b>Includes 2x5.2 Ah Li-Ion Batteries, Charger and Carrying Case</b>   |

# The Right Drill for the Right Application



LEARN MORE!

Quick Change Chuck with 1/4" hex bit holder



M-QUICK



PRECISION STOP

11 Electronically Controlled Clutch Settings:  
- Precise  
- Impuls mode for drilling into hard surfaces

Quick Accessories:  
- Right Angle Attachment  
- X3 Torque Multiplier  
- Lock-on Bit Holder

3 SPEED

3-Speed Gearbox for Versatile Use:  
- 3,800 RPM for fast drilling and pilot holes  
- 2,050 RPM for most common applications  
- 600 RPM for high torque needs

Most Powerful BL Motor  
- Up to 1,300 in. lbs. torque  
- Longest life and runtime

BRUSHLESS MOTOR

18V 1/2" Brushless Hammer Drill/Driver  
SB 18 LTX-3 BL Q I

# L

CLASS

Heavy Duty

for everyday applications



# LT

CLASS

Super Duty

for demanding applications



# LTX

CLASS

EXTREME DUTY

with reserve power to go beyond



HEAVY DUTY



1/2" Drill/Driver  
BS 18 L Quick  
#02317520 (2x 2.0Ah)

Chuck: 1/2"  
RPM: 0-450 / 0-1,800  
Max Torque: 442 in. lbs.  
BPM:

SUPER DUTY



BRUSHLESS MOTOR

1/2" Brushless Drill/Driver  
BS 18 LT BL  
#602325890 (BARE)  
#602325520 (2 X 2.0Ah)

Chuck: 1/2"  
RPM: 0-600 / 0-2,100  
Max Torque: 664 in. lbs.  
BPM:

NEW



BRUSHLESS MOTOR

1/2" Brushless Drill/Driver  
BS 18 LT BL Q  
#602334890 (BARE)

Chuck: 1/2"  
RPM: 0-600 / 0-2,100  
Max Torque: 664 in. lbs.



BRUSHLESS MOTOR

1/2" Brushless Hammer Drill/Driver  
SB 18 LT BL  
#602316890 (BARE)  
#602316520 (2x 2.0Ah)

Chuck: 1/2"  
RPM: 0-600 / 0-2,100  
Max Torque: 664 in. lbs.  
BPM: 31,950

EXTREME DUTY



BRUSHLESS MOTOR



1/2" Brushless Drill/Driver  
BS 18 LTX BL I  
#602350890 (BARE)  
#602350520 (2x 5.2Ah)

Chuck: 1/2"  
RPM: 0-500 / 0-1,850  
Peak Torque: 1,300 in. lbs.  
BPM:



BRUSHLESS MOTOR



1/2" Hammer Drill/Driver  
SB 18 LTX BL I  
#602352890 (BARE)  
#602352520 (2x 5.2Ah)

Chuck: 1/2"  
RPM: 0-500 / 0-1,850  
Peak Torque: 1,300 in. lbs.  
BPM: 32,300

3 SPEED

BRUSHLESS MOTOR



1/2" Brushless Drill/Driver  
BS 18 LTX-3 BL Q I  
#602355890 (BARE)  
#602355620 (2x 5.5Ah LiHD)

Chuck: 1/2"  
RPM: 0-600 / 0-2,050/0-3,800  
Peak Torque: 1,300 in. lbs.



BRUSHLESS MOTOR



1/2" Brushless Hmr Drill/Driver  
SB 18 LTX-3 BL Q I  
#602357840 (BARE)  
#602357620 (2x 5.5Ah LiHD)

Chuck: 1/2"  
RPM: 0-600 / 0-2,050/0-3,800  
Peak Torque: 1,300 in. lbs.  
BPM: 32,300

3 SPEED

# CORDLESS DRILL/DRIVERS



**BS 18 L Quick**  
1/2" Drill/Driver



**BS 18 LT BL**  
1/2" Brushless Drill/Driver



**BS 18 LT BL Q**  
1/2" Brushless Drill/Driver



**BS 18 LTX BL I**  
1/2" Brushless Drill/Driver



**BS 18 LTX-3 BL Q I**  
1/2" Brushless Drill/Driver

**SB 18 LT BL**  
1/2" Hammer Drill/Driver

**SB 18 LTX BL I**  
1/2" Hammer Drill/Driver

**SB 18 LTX-3 BL Q I**  
1/2" Hammer Drill/Driver

**Model:  
Drill/Drivers**

**BS 18 L Quick**  
**602320620**  
Kit: 2 x 2.0 Ah

**BS 18 LT BL**  
**602325520**  
Kit: 2 X 2.0Ah  
**Bare:** 602325890

**BS 18 LT BL Q**  
**Bare:** 602334890

**BS 18 LTX BL I**  
**602350520**  
Kit: 2 x 5.2 Ah  
**Bare:** 602350890

**BS 18 LTX-3 BL Q I**  
**602355620**  
Kit: 2 x 5.5 Ah LiHD  
**Bare:** 602355890

**Hammer Drills**

**SB 18 LT BL**  
**602316520**  
Kit: 2 x 2.0 Ah  
**Bare:** 602316890

**SB 18 LTX BL I**  
**602352520**  
Kit: 2 x 5.2 Ah  
**Bare:** 602352890

**SB 18 LTX-3 BL Q I**  
**602357620**  
Kit: 2 x 5.5 Ah LiHD  
**Bare:** 602357840

|  |                    |                    |                 |                    |                           |
|--|--------------------|--------------------|-----------------|--------------------|---------------------------|
| Gearbox  | 2-speed            | 2-speed            | 2-speed         | 2-speed            | 3-speed                   |
| Aluminum die-cast gear housing   |                    |                    |                 | •                  | •                         |
| Quick change chuck   | •                  |                    | •               |                    | •                         |
| Planetary gearing  | •                  | •                  | •               | •                  | •                         |
| Electronic brake   | •                  | •                  | •               | •                  | •                         |
| LED light  | •                  | •                  | •               | •                  | •                         |
| Impuls mode for removal of damaged screws and spot drilling on smooth surfaces |                    |                    |                 | •                  | •                         |
| Maximum tightening torque:   |                    |                    |                 |                    |                           |
| - Hard case (maximum)  | 442 in. lbs.       | 664 in. lbs.       | 664 in. lbs.    | 1,062 in. lbs.     | 1,062 in. lbs.            |
| Peak Torque  |                    |                    |                 | 1,300 in. lbs.     | 1,300 in. lbs.            |
| Max chuck capacity (inch.)   | 1/2"               | 1/2"               | 1/2"            | 1/2"               | 1/2"                      |
| Maximum drilling capacity  |                    |                    |                 |                    |                           |
| - in mild steel  | 3/8"               | 1/2"               | 1/2"            | 1/2"               | 1/2"                      |
| - in softwood  | 3/4"               | 1-1/2"             | 1-1/2"          | 2-1/2"             | 2-1/2"                    |
| - in brick/block (hammer drills only)_   | 3/8"               | 1/2"               | 1/2"            | 5/8"               | 5/8"                      |
| No-load speed (RPM)  | 0-450 / 0-1,800    | 0-600 / 0-2,100    | 0-600 / 0-2,100 | 0-500 / 0-1,850    | 0-500 / 0-2,050 / 0-3,800 |
| Max impacts/min (hammer drills only)   |                    | 31,950             | 31,950          | 32,300             | 32,300                    |
| <b>Standard equipment:</b>   |                    |                    |                 |                    |                           |
| Side handle  |                    |                    |                 | 314001030          | 314001030                 |
| Batteries (kit only)   |                    |                    |                 |                    |                           |
| 2 x 2.0 Ah Li-Power  | 625596000          | 625596000          |                 |                    |                           |
| 2 x 5.2 Ah Li-Power  |                    |                    |                 | 625592000          |                           |
| 2 x 5.5Ah LiHD   |                    |                    |                 |                    | 625368000                 |
| Quick change chuck   | 636608000          |                    | 627240000       |                    | 627240000                 |
| Charger (kit only)   | 627046000 (ASC 55) | 627046000 (ASC 55) |                 | 627046000 (ASC 55) | 627380000 (ASC 145)       |
| Belt hook  | 316052120          | 316052120          | 316052120       | 316052120          | 316052120                 |
| Bit depot  |                    | 316052130          | 316052130       | 316052130          | 316052130                 |
| <b>Optional equipment:</b>   |                    |                    |                 |                    |                           |
| Quick Power X3 torque multiplier   |                    |                    |                 |                    | 627256000                 |
| Quick right angle attachment   | 627261000          |                    | 627077000       |                    | 627242000                 |
| Quick Magnetic Bit Holder  | 627241000          |                    | 627241000       |                    | 627241000                 |

# CORDLESS SCREW GUNS, CAULKING GUNS, HEAT GUN & MIXER



**SE 18 LTX 2500**  
2,500 RPM Drywall Screw Gun  
*Ideal for hard wood studs*

**SE 18 LTX 4000**  
4,000 RPM Drywall Screw gun  
*The most versatile*

**SE 18 LTX 6000**  
6,000 RPM Drywall Screw gun  
*Ideal for metal studs*

LEARN MORE!

**KPA 18 LTX 400 / KPA 18 LTX 600**  
18V Caulking Guns

| Model Bare Tool:                          | SE 18 LTX 2500<br>620047890 | SE 18 LTX 4000<br>620048890 | SE 18 LTX 6000<br>620049890 |
|---|-----------------------------|-----------------------------|-----------------------------|
| Aluminum die-cast gear housing            |                             |                             |                             |
| Electronic brake                          | •                           | •                           | •                           |
| LED light                                 | •                           | •                           |                             |
| No-load speed (RPM)                       | 0-2,500                     | 0-4,000                     | 0-6,000                     |
| Max. tightening torque                    | 80 in. lbs                  | 62 in. lbs                  | 44 in.lbs                   |
| Max chuck capacity (inch.)                | P2                          | P2                          | P2                          |
| Maximum drilling capacity - in mild steel |                             |                             |                             |
| Key Application                           | Wood studs                  | Generalist                  | Metal studs                 |
| <b>Standard equipment:</b>                |                             |                             |                             |
| Side handle                               |                             |                             |                             |
| Depth Gauge                               | 316054470                   | 316054470                   | 316054470                   |
| Magnetic Bit holder                       | 316055470                   | 316055470                   | 316055470                   |
| Belt hook                                 | 316052120                   | 316052120                   | 316052120                   |

| Model Bare Tool:        | KPA 18 LTX 400<br>601206850 | KPA 18 LTX 600<br>601207850 |
|-------------------------|-----------------------------|-----------------------------|
| Discharge force         | 1,632 lbs.                  |                             |
| Discharge speed         | 3/64" to 3/8" per sec       |                             |
| Max. cartridge capacity | 15-3/4" (400m/14oz)         | 23-1/2" (600m/21oz)         |
| Variable speed          | •                           |                             |
| Cartridge holder        | 315420000 (standard)        |                             |

**Screwdriver Magazine**  
Model: SM 5-55  
#631618000

**2 Phillips Bits**  
180mm  
#631582000

**HG 18 LTX 500**  
18V Cordless Dual Temperature Heat Gun



| Model Bare Tool:                       | HG 18 LTX 500<br>610502850                     |
|--|--|
| LED Light                              | •  |
| Temperature regulation via thumb wheel | •  |
| Batteries                              | Compatible with Metabo Lilon or LiHD batteries |
| Runtime (8.0 Ah Battery)               | 20+ minutes                                    |
| Temperature range                      | 570 °F - 930 recip °F                          |
| Time to temperature                    | 5 sec (572 °F)                                 |
| Air Flow/Volume                        | 6-7 CFM  |
| Carrying case (optional)               |  |
| Tool weight (lbs) without batteries    | 1.1 lbs.                                       |
| <b>Standard Equipment:</b>             |  |
| Wrap around nozzle                     | 630004000                                      |
| Reducing nozzle                        | 630005000                                      |

**STANDARD EQUIPMENT FOR HG 18 LTX 500**

**630004000**  
Wrap around nozzle

**630005000**  
Reducing nozzle

**RW 18 LTX 120**  
Cordless Mixer



| Model Bare Tool:                    | RW 18 LTX 120<br>601163850  |
|-------------------------------------|---|
| Rated no-load speed                 | 760 RPM   |
| Electronics:                        | VC  |
| Overload protection                 | •   |
| Max. stirring paddle dia.           | 4.7" (120mm)  |
| Paddle connection                   | M14   |
| Mixing capacity with 5.2 Ah battery | 113 Gal of paint  |
|                                     | 26 Gal of concrete / mortar mix   |
| <b>Standard equipment:</b>          | 23" RS-R2 mixing paddle (626738000)<br>Type RS-R2 right spiral – mixing effect from bottom to top:<br><i>Ideal for all sticky and viscous materials</i> |
| <b>Optional equipment:</b>          | 23" RS-R3 mixing paddle (626735000)<br>Type RS-R3 right spiral – mixing effect from bottom to top:<br><i>Ideal for heavy and viscous materials</i>      |

See page 141 for more heat guns

**18V Rotary Hammer with Integrated Dust Collection**

KHA 18 LTX BL 24 Quick + ISA 18 LTX



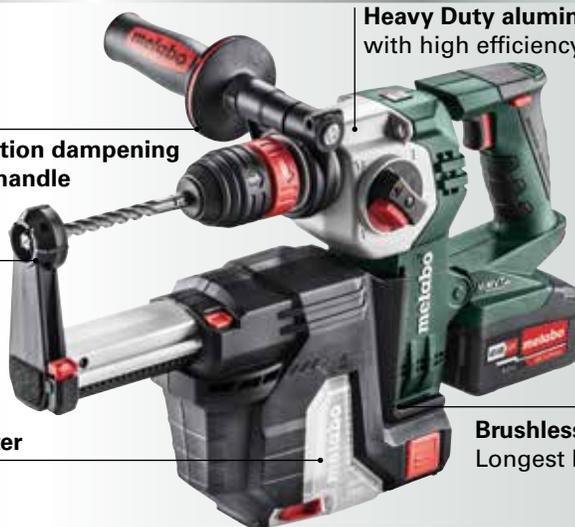
Integrated dust collector



Ask for the objective data

Vibration dampening side-handle

Heavy Duty aluminum gear box with high efficiency hammer mechanism



HEPA Filter

Brushless motor  
Longest life and runtime



**KHA 18 LTX BL 24 Q + ISA 18 LTX**  
1" SDS-Plus Combination Hammer



**KHA 36-18 LTX 32**  
1 1/4" SDS-Plus Combination Hammer

| Model   | KHA 18 LTX BL 24 Q + ISA 18 LTX (18V)<br>600211950 (+ Dust Extraction)   | KHA 36-18 LTX 32 (2x 18V)<br>n/a                                     |
|---|--|--|
| 5.2 Ah Kit: 2 Li-Ion 5.2 Ah Batteries               |  |  |
| <b>Hammer and Dust Extraction (w/o battery kit)</b> | <b>600211900</b>   |  |
| <b>Bare Tool:</b>                                   | <b>600211850</b>   | <b>600796840</b>   |
| Max. Single blow energy (EPTA)                      | 2.2 J  | 3.1 J  |
| Metabo safety slip clutch                           | •  | •  |
| Rotation stop for chiseling                         | •  | •  |
| Max tightening torque (inch lbs.)                   | 133  | 142  |
| 360° Anti-vibration side handle                     | •  | •  |
| MVT vibrattech handles                              | •  | •  |
| Capacity  |  |  |
| - in concrete (using chuck adaptor)                 | 1"   | 1 1/4"   |
| - in mild steel (using chuck adaptor)               | 1/2"   | 1/2"   |
| - in softwood                                       | 1"   | 1 3/16"  |
| No-load speed (RPM)                                 | 0-1,200  | 0-1,100  |
| No-load blows per minute (BPM)                      | 0-4,500  | 0-4,500  |
| <b>Standard equipment:</b>                          | Side handle (314001140)<br>3-jaw keyless quick chuck (631968000)<br>(2) 18V 5.2 Ah Batteries (625592000)<br>627046000 (ASC 55) | MVT Side handle (314001380)<br>3-jaw keyless quick chuck (631968000) |
| <b>Optional equipment:</b>                          |  | Depth gauge (341511630)<br>Dust extraction adaptor (630829000)       |

see page 131 for full range of SDS-Plus carbide bits

# CORDLESS SAWS



**STA 18 LTX 100**  
18V Jig Saw



**STAB 18 LTX 100**  
18V Jig Saw



**STA 18 LTX 140**  
18V Jig Saw



| Model<br>Bare Tool:                     | STA 18 LTX 100<br>601002890                   | STAB 18 LTX 100<br>601003890                  | STA 18 LTX 140<br>601405890                   |
|---|---|---|---|
| Electronics                             | Vario tacho constamatic (VTC)                 | Vario tacho constamatic (VTC)                 | Vario tacho constamatic (VTC)                 |
| "Quick" toolless blade change           | •   | •   | •   |
| Instant break                           | •   | •   | •   |
| Die-cast aluminum gear housing          | •   | •   | •   |
| 4-stage orbital blade stroke            | •   | •   | •   |
| LED illuminates cut line                |   |   | •   |
| Chip blower                             | •   | •   | •   |
| Bevel cutting stops at 15°, 30°, 45°    | •   | •   | •   |
| Removable surface protective base plate | •   | •   | •   |
| Automatic acceleration for easy starts  |   |   | •   |
| Electronic speed stabilization          | •   | •   | •   |
| Variable speed dial                     | •   |   | •   |
| Max material thickness                  |   |   |   |
| - in wood                               | 4"  | 4"  | 5 1/4"  |
| - in non-ferrous metal                  | 1"  | 1"  | 1 3/8"  |
| - in sheet steel                        | 3/8"  | 3/8"  | 3/8"  |
| No-load strokes per minute (SPM)        | 550-2,800                                     | 0-2,800                                       | 0-3,000                                       |
| <b>Standard equipment:</b>              | Anti-splintering insert (631208000)           | Anti-splintering insert (631208000)           | Anti-splintering insert (631208000)           |
|   | Vacuum port                                   | Vacuum port                                   | Protective base cover (623664000)             |
| <b>Optional equipment:</b>              | Circle-cutting and parallel guide (623591000) | Circle-cutting and parallel guide (623591000) | Circle-cutting and parallel guide (623591000) |
|   | Protective base cover (623595000)             | Protective base cover (623595000)             | Protective base cover (623595000)             |
|   | Guide rail adapter (631249000)                | Guide rail adapter (631249000)                | Dust extraction set (623669000)               |
|   | Base plate (623664000)                        | Base plate (623664000)                        |   |

See jig saw blades page 36-37

## OPTIONAL EQUIPMENT

**Anti-splintering insert**  
#631208000



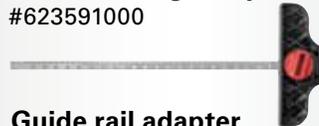
**Protective base plate cover**  
#623595000  
For STA 18 LTX 100 and  
STAB 18 LTX 100



**Dust extraction set**  
#623669000



**Circle-cutting and parallel guide**  
#623591000



**Guide rail adapter**  
#631249000

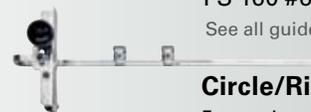


**Protective base plate cover**  
#623664000  
For STA 18 LTX 140



**Guide Rails**  
FS 80 #629010000  
FS 160 #629011000

See all guide rail accessories page 35



**Circle/Rip Guide**  
For cutting circles 4" to 14" dia.  
#631340000

See recip saw blades page 37



**PowerMaxx SSE 12 BL Compact**  
12V Reciprocating Saw  
(battery capacity 2.0/4.0 Ah)



**SSE 18 LTX Compact**  
18V Reciprocating Saw



**ASE 18 LTX**  
18V Reciprocating Saw



**SSE 18 LTX BL**  
18V Reciprocating Saw  
(compatible w/all 18V Li-Ion/LiHD)



**SSE 18 LTX BL Compact**  
18V Reciprocating Saw

| Model   | ASE 18 LTX (18V)    | PowerMaxx SSE 12 BL Compact (12V) | SSE 18 LTX BL Kit: 2x5.5 Ah LiHD US602267550 (18V) | SSE 18 LTX Compact (18V) | SSE 18 LTX BL Compact (18V) |
|---|---------------------|-----------------------------------|--|--------------------------|-----------------------------|
| <b>5.5 Ah Kit:</b> 2 x liHD 5.5 Ah Batteries  |                     |                                   |  |                          |                             |
| <b>Bare Tool:</b>                             | <b>602269850</b>    | <b>602322890</b>                  | <b>602267850</b>                                   | <b>602266890</b>         | <b>602366840</b>            |
| Dual blade capability - recip & jig saw blade |                     | •                                 |  | •                        | •                           |
| Aluminum die-cast gear housing                | •                   | •                                 | •  | •                        | •                           |
| "Quick" tool-less blade change                | •                   | •                                 | •  | •                        | •                           |
| Adjustable depth shoe                         | •                   | Tool-less                         | Tool-less  | Tool-less                | Tool-less                   |
| Unique Metabo Brushless motor                 |                     | •                                 | •  |                          | •                           |
| Ergonomic rubber coated handle                | •                   | •                                 | •  | •                        | •                           |
| LED light                                     |                     | •                                 | •  | •                        | •                           |
| No-load speed (SPM)                           | 0-2,700             | 0-3,000                           | 0-2,700  | 0-3,300                  | 0-3,000                     |
| Stroke length                                 | 1 1/16"             | 5/8"                              | 1 1/4"   | 1/2"                     | 5/8"                        |
| <b>Standard equipment:</b>                    | Hex key (344161520) | (1) Blade, carrying case          |  |                          |                             |



**KS 18 LTX 57**  
18V Circular Saw



**HO 18 LTX 20-82**  
18V Planer



| Model                          | KS 18 LTX 57   |
|--------------------------------|--|
| <b>Bare Tool:</b>              | <b>601857890</b>   |
| Aluminum die-cast gear housing | •  |
| Ergonomic handle with rubber   | •  |
| Cutting depth indicator        | •  |
| Dust extraction outlet         | •  |
| Spindle lock                   | •  |
| Saw blade diameter/arbor       | 6 1/2" / 5/8" or 20mm  |
| Cutting depth 90°              | 2 1/4"   |
| Cutting depth 45°              | 1 11/16"   |
| Angle setting                  | 0-50°  |
| No-load speed (RPM)            | 4,600  |
| <b>Standard equipment:</b>     | Carbide blade 18T (628272000)<br>Rip guide (331050820)<br>Hexagonal wrench (344161520) |

| Model                       | HO 18 LTX 20-82   |
|-----------------------------|---|
| <b>Bare Tool:</b>           | <b>602082890</b>  |
| <b>Electronic features:</b> |   |
| Soft start feature          | •   |
| Overload protection         | •   |
| Planing width               | 3-1/4" or 82mm  |
| Adjustable planing depth    | 0- 2mm  |
| Max. notch depth            | 9mm   |
| No-load speed (RPM)         | 16,000  |
| <b>Standard equipment:</b>  | Reversible carbide blades<br>Rip guide<br>Setting gauge<br>Chip ejection adapter<br>Fabric dust bag |



**18V Shop Fan  
AV 18**

|  |                            |
|--|----------------------------|
| <b>Model Bare Tool:</b>  | <b>AV 18<br/>606176850</b> |
| CFM  | 2,120                      |
| Speed  | 3-speed                    |
| Run time   | Up to 7 hours              |
| Metal frame features rubber feet for stability when free-standing, can be mounted on a tripod, or wall mounted | •                          |
| Overload protection and single cell protection   | •                          |



**18V Hand Held Shop Blower  
AG 18**

|  |                            |
|--|----------------------------|
| <b>Model Bare Tool:</b>  | <b>AG 18<br/>602242850</b> |
| CFM  | 92                         |
| Adjustable length blowpipe for quick and easy changes between working at floor level or on workbenches | •                          |
| Rubber nozzle to avoid damaging soft materials   | •                          |
| Overload protection and single cell protection   | •                          |



**9/16" Dust Extraction  
Accessory  
DDE 14 #630829000**



**Cordless HEPA Vacuum  
74 CFM  
AS 18 PC HEPA  
#602021860 (BARE)**

|  |                                    |   |
|--|------------------------------------|---|
| <b>Model Bare Tool:</b>  | <b>AS 18 PC HEPA<br/>602021860</b> | <b>Equipment:</b>                           |
| Press clean: manual filter cleaning uses powerful air stream                   | •                                  | <b>Standard:</b>                            |
| Dual power setting: Eco-mode for extended run time. Boost for powerful suction | •                                  | Fleece bag (630173000)                      |
| Non-slip rubber base   | •                                  | Suction Hose (630171000)                    |
| Metaloc box, designed for stacking   | •                                  | Additional brush ring (628215000)           |
| Capacity display   | •                                  | Floor nozzle (630320000)                    |
| Run time   | 20 min /<br>40 min (ECO)           | Crevice tool (630323000)                    |
| Airflow, CFM   | 74                                 | <b>Optional:</b>                            |
| Max. vacuum pressure mBar  | 120                                | 5 Fleece Filter Bags (630173000)            |
| Container capacity (dry pick-up)   | 2 gallons                          | Portable base w/locking casters (630174000) |
|  |                                    | HEPA Filter (630175000)                     |



**USB Charger  
and Adaptor  
PA 14.4-18 LED-USB  
#600288000 (BARE)**



|  |   |
|--|---|
| <b>Model Bare Tool:</b>  | <b>PA 14.4-18 LED-USB<br/>600288000</b> |
| LED Light  | Up to 7 hours                           |
| USB  | Charges 2 cell phones or 1 tablet       |
| Operates with (Li-Power or LiHD) slide-on battery packs        | 14.4V-18V                               |
| 12V connection for Metabo heated jacket                        | 12V                                     |
| Automatic shutdown - in the event overheating or short circuit | •                                       |



**BSA Tripod**  
#623729000

**Construction Tripod**  
#628791000



**18V LED Flashlight**  
ULA 14.4-18



**18V LED Work Light**  
SLA 14.4-18 LED

| Model<br>Bare Tool:             | ULA 14.4-18<br>600368000 |
|---------------------------------|--------------------------|
| 12 position head                | •                        |
| Single LED / 280 Lumens         | •                        |
| Bright, consistent, white light | •                        |

| Model<br>Bare Tool:          | SLA 14.4-18<br>600370000 |
|------------------------------|--------------------------|
| Head swivels 180°            | •                        |
| 6 LEDS / 480 Lumens          | •                        |
| Bright, white DIFFUSED LIGHT | •                        |



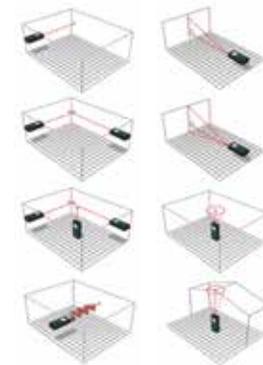
**18V LED Site Light**  
BSA 14.4-18



**18V LED Site Light**  
BSA 14.4-18 Industrial  
(includes lens diffuser and mounting - magnetic)



**Laser Distance Meter**  
LD 30



**Laser Distance Meter**  
LD 60

| Model<br>5.2Ah Kit: 1 Li-Ion 5.2 Ah Battery,<br>Charger + Soft Tool Bag<br>Bare Tool: | BSA 14.4-18<br>US602111750<br><br>602111850 | BSA 14.4-18<br>Industrial<br><br>602111010 |
|---|---|--|
| Head swivels 180°   | •   | •  |
| 18 Powerful LEDS  | •   | •  |
| Brightness  | 1,200 / 2,600 Lumen                         | 1,200 / 2,600 Lumen                        |
| Bright, consistent white light over a wide area                                       | •   | •  |
| WATERPROOF RATED IP56   | •   | •  |
| Carrying handle   | •   | •  |
| SAFE! Cool to the touch   | •   | •  |
| Anti-Skid base  | •   | •  |
| Integrated wall hanging mount   | •   | •  |
| 5/8-11" threaded mount  | •   | •  |
| Lens protection screen (6235690000)   | optional                                    | standard                                   |
| Tripod stand  | (623729000)                                 | (623729000)                                |
| Magnet base   | optional                                    | standard                                   |

| Model<br>Bare Tool:                     | LD 30<br>606162000  | LD 60<br>606163000  |
|---|---------------------|---------------------|
| Range                                   | 30 meters / 100 ft. | 60 meters / 200 ft. |
| LED display                             | •                   | • (illuminated)     |
| Signal sound                            | •                   | •                   |
| Impact resistant                        | •                   | •                   |
| Rubber grip                             | •                   | •                   |
| Length                                  | •                   | •                   |
| Area                                    | •                   | •                   |
| Volume                                  | •                   | •                   |
| Continuous measurement                  | •                   | •                   |
| Pythagorean 1                           | •                   | •                   |
| Pythagorean 2                           | •                   | •                   |
| Minimum distance continuous measurement | •                   | •                   |
| Maximum distance continuous measurement | •                   | •                   |

## 18V BATTERIES

### Li-Ion Power



#### 2.0 Ah Li-Ion



**625596000**

Most compact for maximum flexibility.

#### 5.2 Li-Ion



**625592000**

Generous runtime for heavy applications.

#### 4.0 LiHD Compact



**625367000**

Significantly smaller and lighter than full size battery packs. Provides run-time similar to many industry standard full size 18V batteries.

#### 5.5 Ah LiHD



**625368000**

Extreme power output, run-time and performance for largest range of applications.

#### 8.0 Ah LiHD



**625369000**

The ultimate professional battery for the most demanding industrial applications.



**PA 14.4-18 LED-USB**  
**600288000 (BARE)**

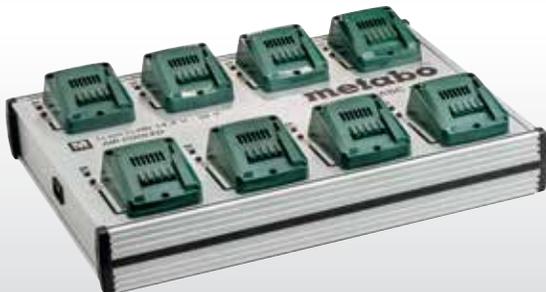
USB Charger and Adaptor

## 18V BATTERY KITS

| Order#      | Desc.                    | Included                                |
|-------------|--------------------------|---|
| US625342002 | LiHD Ultra-M Pro Kit     | (2) 5.5 Ah, Carrying Case, Charger      |
| US625596020 | Ultra-M Compact Kit      | (2) 2.0 Ah, Carrying Case, Charger      |
| US625596052 | Ultra-M Starter Kit      | 2.0 Ah + 5.2 Ah, Carrying Case, Charger |
| US625596252 | Ultra-M Professional Kit | (2) 5.2 Ah, Carrying Case, Charger      |
| US625367002 | LiHD Compact Kit         | (2) 4.0 Ah, Carrying Case, Charger      |
| US625369011 | LiHD + 8.0 Ah LiHD Kit   | 4.0 Ah + 8.0 Ah, Carrying Case, Charger |
| US625369002 | LiHD Pro Kit             | (2) 8.0 Ah, Carrying Case, Charger      |

## CHARGERS

**ASC Multi 8**  
**627301000**  
Air-Cooled  
Multi-Bay Charger



- Charges 8 batteries simultaneously
- Works with 12V, 18V and 36V batteries
- **Heavy Duty** aluminum housing
- Wall mounting



**ASC 55 Air-Cooled Charger**  
**627046000**  
For 12V, 18V and 36V batteries  
(charges 18V 4.0Ah in 68 min)



**ASC Ultra Fast Air-Cooled Charger**  
**627268000**  
For 12V, 18V and 36V batteries  
(charges 36V 6.2Ah in 57 min)



**ASC 145 Fast Air-Cooled Charger**  
**627380000**  
For 12V, 18V and 36V batteries  
(charges 18V 8.0Ah in 1 hour)

## ADAPTORS AND TORQUE MULTIPLIER



**Quick Off-set Attachment**  
627234000 for BS 12 BL Q



**Quick Change Right Angle Drive Adaptor**  
627242000  
Fits LTX tools



**Quick Change Right Angle Drive Adaptor**  
627261000 For BS 12 BL Quick  
For BS 18 Quick (previous version)



**Quick Change Right Angle Drive Adaptor**  
627077000  
For BS 18 L Quick



**Quick Bit Holder**  
627241000  
For All quick drills



**Quick Change Chuck**

627240000 - 1/2" Chuck  
For BS 18 LTX BL Quick and SB 18 LTX BL Quick



636608000 - 1/2" Chuck  
For BS 18 L Quick



627259000 - 3/8" Chuck  
For BS 12 BL Quick



**Tapping Chuck**

M8-M12: 627237000  
With square insert for machine taps > 1/4"  
M4-M6: 627235000  
With square insert for machine taps ≤ 1/4"

**X3 Torque Multiplier**

**X3 Attachment**  
627256000  
Multiplies torque by 3 times for tasks that demand more power. Fits the BS 18 LTX-3 BL Q I, and SB 18 LTX-3 BL Q I

## TOOL BAGS



**Small Tool Bag**  
657006000



**Large Tool Bag**  
657007000

## GUIDE RAIL ACCESSORIES



**Guide Rail FS 80**  
629010000  
32 inch.



**Guide Rail FS 160**  
629011000  
63 inch.

**Connector FSV for Guide Rails FS**  
629022000



**Mitre Fence FSW**  
629026000



**Saw Guide (for KSA 18 LTX)**  
631019000

**Twist Tensioning Clamp 2 pc set**  
631031000



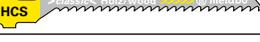
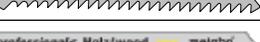
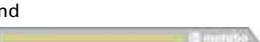
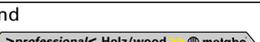
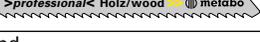
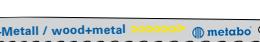
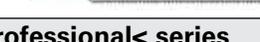
Slides under FS guide rail for flush mounting



**Quick Tensioning Clamp FSSZ**  
629021000

# JIG SAW BLADES (BAYONET FITTING)

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. |
|--|----------|--------------|----------------|--|------------------|-----------|-----------|
| <b>For wood the &gt;Classic&lt; series low-price and reliable</b>  |          |              |                | <b>HCS milled</b>  |                  |           |           |
| 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 |
| <b>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</b>  |          |              |                | <b>HCS ground</b>  |                  |           |           |
| 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 |
| <b>For wood the &gt;Pionier&lt; series quick, clean cuts in wood of all thicknesses</b>  |          |              |                | <b>HCS ground</b>  |                  |           |           |
| 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 |
| <b>For wood the &gt;Professional&lt; series quick, clean, accurate cuts - and a long useful life</b>   |          |              |                | <b>BiM ground</b>  |                  |           |           |
| 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 |
| <b>Universal the &gt;Pionier&lt; series for wood, metal, plastic</b>   |          |              |                | <b>BiM milled</b>  |                  |           |           |
| Side-set, milled    | BiM      | 4"           | progres- sive  | Universal blade for wood (even with nails), metals, non-ferrous metals, and plastics                                       | T345XF           | 5         | 623677000 |
| <b>For metal the &gt;Classic&lt; series low-price and reliable</b>   |          |              |                | <b>HSS milled</b>  |                  |           |           |
| 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 |
| <b>For metal the &gt;Professional&lt; series shatter-proof, long useful life</b>   |          |              |                | <b>BiM milled</b>  |                  |           |           |
| 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 |
| <b>For metal the &gt;Pionier&lt; series quick, clean cuts in materials of all thicknesses</b>  |          |              |                | <b>HSS milled</b>  |                  |           |           |
| 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. |
|--|----------|--------------|----------------|--|------------------|-----------|-----------|
| <b>For Aluminum and non-ferrous metals the &gt;Expert&lt; series</b>                               |          |              |                | <b>Aluminum HSS/BiM</b>  |                  |           |           |
| 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 |
| <b>For plastics the &gt;Expert&lt; series</b>  |          |              |                | <b>plastics HM ground</b>  |                  |           |           |
| Ground            | HM       | 3 1/2"       | 8              | Glass-fibre-reinforced plastics, 7/32"-2 3/8" in.                                    | T301CHM          | 3         | 623687000 |
| <b>For plexiglass the &gt;Expert&lt; series</b>  |          |              |                | <b>plexiglass HSS ground</b>   |                  |           |           |
| Ground            | HSS      | 3"           | 12             | Plexiglass, polycarbonate, 7/64"-3/4" in., non-ferrous metals, 7/64"-3/8" in.        | T101A            | 5         | 623640000 |
| <b>For ceramic materials the &gt;Expert&lt; series</b>   |          |              |                | <b>ceramics HM grit</b>  |                  |           |           |
|                   | 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.              |
|--|----------|---------------------------------------|----------------|--|-----------------------|-----------|------------------------|
| <b>For metal the &gt;Classic&lt; series</b>  |          |                                       |                | <b>low-price and reliable HSS milled</b>   |                       |           |                        |
| Wavy-set, milled            | HSS      | 6" x 5/8" x .035<br>9" x 5/8" x .035  | 14<br>14       | Sheets, 7-64"-5/16" in., sections, 3/8"-4" in.   | S 918 B<br>S 1122 BF  | 5         | 631130000<br>631494000 |
| <b>For metal the &gt;Flexible&lt; series</b>   |          |                                       |                | <b>shatter-proof, flexible BiM milled</b>  |                       |           |                        |
| 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              |
| <b>For metal the &gt;Professional&lt; series</b>   |          |                                       |                | <b>stable, precise, for really tough jobs BiM milled</b>   |                       |           |                        |
| 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              |
| <b>For wood and metal the &gt;Flexible&lt; series</b>  |          |                                       |                | <b>shatter-proof, flexible BiM milled</b>  |                       |           |                        |
| Side-set, milled          | BiM      | 6" x 3/4" x .035<br>8" x 3/4" x .050  | 10-14<br>PROG  | Wood, wood with nails or metal inserts 7/32"-4" in., sheets, pipes, sections, 1/8"-3/8" in., plastics, 1/8"-4" in.   | S 922 VF<br>S 3456 XF | 5         | 631492000<br>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              |
| <b>For wood and metal the &gt;Professional&lt; series</b>  |          |                                       |                | <b>quick, stable, for really tough jobs BiM milled</b>   |                       |           |                        |
| 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<br>10" x 3/4" x .060 | 6<br>5         | Wood, wood with nails or metal inserts 3/8"-4" in., plastics, demolition and reconstruction work                     | S 1110 DF<br>S 1531 L | 5         | 631926000<br>631488000 |
| <b>For wood (even with nails) the &gt;Flexible&lt; series</b>  |          |                                       |                | <b>stable, quick BiM milled</b>  |                       |           |                        |
| Side-set, milled          | BiM      | 12" x 3/4" x .050                     | 5-8            | Wood (even with nails), plastics, chip-board, 3/8"-10" in.   | S 1411 VF             | 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              |
| <b>For special applications the &gt;Expert&lt; series</b>  |          |                                       |                |  |                       |           |                        |
| 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              |



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-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 |

**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 |
| 4"             | P-2        | 10        | 678402000 |

**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 |
| 3"             | R-1        | 10        | 678351000 |
| 3"             | R-2        | 10        | 678352000 |
| 4"             | R-1        | 10        | 678451000 |
| 4"             | R-2        | 10        | 678452000 |
| 6"             | R-2        | 5         | 678652000 |

**Magnetic Bit Holders**

|  |               |                       |                  |                  |
|--|---------------|-----------------------|------------------|------------------|
| Extra powerful magnet holds screws firmly on tip. The Quick-Release bit holder holds and locks regular bits. | <b>Style</b>  | <b>Overall Length</b> | <b>Qty/ Pack</b> | <b>Order No.</b> |
|                             | 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.

|   |                       |                        |                  |                  |
|---|-----------------------|------------------------|------------------|------------------|
|  | <b>Overall Length</b> | <b>Hexagon Opening</b> | <b>Qty/ Pack</b> | <b>Order No.</b> |
|   | 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        |                  |

| 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.

**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) |
|-----------|-------------------|
| 625160000 | 9/16"             |
| 625161000 | 5/8"              |
| 625162000 | 11/16"            |
| 625163000 | 3/4"              |
| 625165000 | 13/16"            |
| 625166000 | 7/8"              |
| 625167000 | 15/16"            |
| 625168000 | 1"                |
| 625169000 | 1 1/16"           |
| 625170000 | 1 1/8"            |
| 625171000 | 1 13/16"          |
| 625172000 | 1 1/4"            |
| 625173000 | 1 5/16"           |
| 625174000 | 1 3/8"            |
| 625175000 | 1 7/16"           |
| 625176000 | 1 1/2"            |
| 625177000 | 1 9/16"           |
| 625178000 | 1 5/8"            |
| 625179000 | 1 11/16"          |
| 625180000 | 1 3/4"            |
| 625182000 | 1 7/8"            |
| 625184000 | 2"                |
| 625186000 | 2 1/8"            |

| Order No. | Diameter (inches) |
|-----------|-------------------|
| 625188000 | 2 1/4"            |
| 625189000 | 2 5/16"           |
| 625190000 | 2 3/8"            |
| 625191000 | 2 1/2"            |
| 625192000 | 2 9/16"           |
| 625193000 | 2 5/8"            |
| 625195000 | 2 3/4"            |
| 625196000 | 2 7/8"            |
| 625197000 | 3"                |
| 625198000 | 3 1/8"            |
| 625199000 | 3 1/4"            |
| 625200000 | 3 3/8"            |
| 625201000 | 3 1/2"            |
| 625202000 | 3 5/8"            |
| 625204000 | 3 7/8"            |
| 625205000 | 4"                |
| 625206000 | 4 1/8"            |
| 625207000 | 4 1/4"            |
| 625208000 | 4 3/8"            |
| 625209000 | 4 1/2"            |
| 625210000 | 4 3/4"            |
| 625211000 | 5"                |
| 625213000 | 5 1/2"            |
| 625214000 | 6"                |

**Mandrels**

625215000 9/16" to 1-3/16" adaptor



625216000 1-1/4" to 6" adaptor



**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 1-3/16" 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 1-3/16" adaptor (625215000)  
For hole saws 1-1/4" to 6" use the 1-1/4" to 6" adaptor (625216000)







02



## Angle Grinders

- Patented mechanical **safety slip clutch** reduces the risk of grinder kickback and wheel breakage
- **Safety brake** versions stop wheels in as little as 1 second
- **Electronic "cruise control" and performance monitoring** increase productivity and service life up to 100% over competitive tools
- **Patented flathead grinders** access acute angles as tight as 39°
- **Anti-vibration systems** reduce hand/arm vibrations by 60%, extending the wheel and tool life up to 100%

# Angle Grinder Key Features

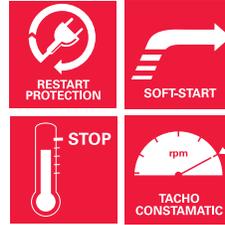


LEARN MORE!

**MADE IN GERMANY**

**LONGLIFE MOTOR**

**LongLife Motor with Winding Protection Grid:**  
 ■ for quicker material removal and longer service life



**Cruise Control Electronics**



**S-Automatic Safety Clutch:**

- Increased safety, predictable handling.
- Clutch helps to protect operator from kick back



**"Quick" Toolless Wheel Change System:**

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



**Rear Air Intake:**

- Maximizes flow of cooling air, for increased protection from overheating and overload

**Drop Secure Ring / Rear Tether Attachment Point**



Tether shown not included



**Auto-balance System:**

- 100% greater wheel life
- 100% greater tool life
- 50% less vibrations, reduces likelihood of work related disorders



**Paddle Switch with Deadman Function:**

- Ergonomic non-slip switch promotes safer grinder use



**For increased control, better ergonomics (rat-tail design available)**

**MVT Vibratex Handle:**

- Reduces vibration by up to 60% compared to other handles. The risk of "White Finger Syndrome" caused by vibration exposure over the workers' lifespan is reduced considerably!



**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



Note: features depend on specific model



**Rear vents:**

Optimizes air flow for cooler operation



**Gear housing can be rotated at 90° steps:**  
 For left-handed operation or for cutting



**Multi-position safety handle #627362000**

Infinite adjustment of the side handle for ergonomic, low-fatigue working (e.g. for cutting jobs, left-handed users or in confined spaces)

# Angle Grinder Features Reference Guide



## Safety

## Productivity

### Metabo S-Automatic Mechanical Safety Clutch



- Increased safety, predictable handling
- Clutch helps to prevent kickback and wheel shattering

LEARN MORE!



### LongLife Motor with Winding Protection Grid



- Less heat, higher overload capacity, extends motor life by 5 times

### Brake Technology



- Stops thin cutting wheels in under 1 sec
- Stops grinding wheels in under 2 sec
- Greatly reduces the likelihood of injury from kickback or loss of control



### M-Quick Toolless Wheel Change System



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



### Auto-Balance System



- 100% greater wheel life
- 100% greater tool life
- 50% less vibration reduces likelihood of work related disorders



### Electronics



- Soft start for longer tool life



Armature speed



Amp load

### Electronics



- Protection against accidental restart

### Metabo VibraTech (MVT) Handle



- Reduces vibration by up to 60% compared to other handles

### Non-Locking Paddle Switch



- Ergonomic switch promotes safer grinder use

### Drop Secure



A 6.5 lbs. angle grinder dropped from 30 ft. can strike with over 600 lbs. of deadly force!

- Secure tethering eye at the rear of the tool for attachment to a lanyard



### Vario Tacho-Constamatic (VTC) Electronics

- VTC full wave electronics: work at customized speeds to suit the application material and speeds that remain almost constant, even under load

### Tacho-Constamatic (TC) Electronics

- TC full wave electronics: highest productivity by maintaining no load speed through the full load range for maximized productivity

# 4 1/2"-5" ANGLE GRINDERS



**W 750-115**  
4 1/2" Angle Grinder



**WP 850-125**  
4 1/2"-5" Angle Grinder w/  
Non-locking Paddle Switch



**W 850-125**  
4 1/2"-5"  
Angle Grinder



**W 11-125 Set**  
4 1/2"-5" Angle Grinder



| Model                              | W 750-115<br>603604420 | W 850-125<br>603608420 | WP 850-125<br>603610420   | W 11-125 Set<br>603622850   |
|------------------------------------|------------------------|------------------------|---|---|
| <b>Key Features</b>                |                        |                        |  |   |
| Maximum wheel diameter             | 4 1/2"                 | 4 1/2"-5"              | 4 1/2"-5"   | 4 1/2"-5"   |
| Amps                               | 7.0                    | 8.0                    | 8.0   | 11.0  |
| Rated input watts                  | 750                    | 850                    | 850   | 1100  |
| No-load speed (RPM)                | 11,000                 | 11,500                 | 11,500  | 11,000  |
| Switch Type                        | Lock-on slide          | Lock-on slide          | Non-locking paddle  | Lock-on slide   |
| Motor                              | <b>Heavy Duty</b>      | <b>Heavy Duty</b>      | <b>Heavy Duty</b>   | LongLife  |
| AC/DC capability                   | AC                     | AC                     | AC  | AC/DC   |
| Metabo safety slip clutch          |                        |                        |   | •   |
| Rotatable gear housing             |                        |                        |   | •   |
| Burst-proof guard                  | •                      | •                      | •   | w/ 7 stops  |
| Ergonomic side handle              | •                      | •                      | •   | •   |
| Auto-stop carbon brushes           | •                      | •                      | •   | •   |
| Winding protection grid            |                        |                        |   | •   |
| <b>Standard equipment:</b>         |                        |                        |   |   |
| Type 27 wheel guard                | 339209570              | 339204770              | 339204770   | 339204500   |
| Side handle                        | 314000540              | 314000540              | 314000540   | 314000540   |
| Inner flange                       | 341031290              | 341031290              | 341031290   | 341031290   |
| Locking nut                        | 341101480              | 341101480              | 341101480   | 341101480   |
| Spanner wrench                     | 623934000              | 623934000              | 623934000   | 623934000   |
| Carrying case                      |                        |                        |   | 344454180   |
| Diamond wheel                      |                        |                        |   | 624306000   |
| 5" Clip-on Dust Extraction Shroud  |                        |                        |   | 630401000   |
| <b>Optional equipment:</b>         |                        |                        |   |   |
| Steel type 1 cutting guard         | 631189000              |                        |   | US339203030   |
| Quick-clip on type 1 cutting guard |                        | 630352000              | 630352000   | 630352000   |

# 4 1/2"-5" ANGLE GRINDERS



**W 11-125 Quick**  
4 1/2"-5" Angle Grinder



**WP 13-125 Quick**  
4 1/2"-5" Angle Grinder with  
Non-locking Paddle Switch



**WP 11-125 Quick**  
4 1/2"-5" Angle Grinder  
with Non-locking Paddle Switch



**WPB 18 LTX BL 115**  
4 1/2" Brushless Paddle  
Switch Angle Grinder with  
Brake

| Model  | W 11-125 Quick<br>603623420   | WP 11-125 Quick<br>603624420  | WP 13-125 Quick<br>603629420   | WPB 18 LTX BL<br>115<br>613074620   |
|--|---|---|--|---|
| <b>5.5Ah Kit:</b> ASC30-36 Chgr +<br>2 LiHD 5.5 Ah Batteries           |   |   |  |   |
| <b>Bare Tool:</b>  |   |   |  | 613074860   |
| <b>Key Features</b>  |   |    |     |     |
| Maximum wheel diameter   | 4 1/2"-5"   | 4 1/2"-5"   | 4 1/2" - 5"  | 4 1/2"  |
| Amps   | 11.0  | 11.0  | 12.0   | 18V   |
| Rated input watts  | 1100  | 1100  | 1,250  |   |
| No-load speed (RPM)  | 11,000  | 11,000  | 11,000   | 9,000   |
| Switch Type  | Lock-on slide   | Lock-on slide   | Non-Locking Paddle   | Non-Locking Paddle  |
| Motor  | LongLife  | LongLife  | LongLife   | Brushless   |
| AC/DC capability   | AC/DC   | AC/DC   | AC/DC  | 18V DC  |
| Safety brake   |   |   |  | •   |
| Metabo safety slip clutch  | •   | •   | •  |   |
| Quick wheel change system  | •   | •   | •  | •   |
| Electronic: Power interruption protection, clutch, overload protection |   |   |  | •   |
| Rotatable gear housing   | •   | •   | •  | •   |
| Burst-proof guard  | w/ 7 stops  | w/ 7 stops  | w/ 7 stops   | w/ 7 stops  |
| Side handle  | Vibration dampened  | Vibration dampened  | MVT Vibratex   | Vibration dampened  |
| Auto-stop carbon brushes   | •   | •   | •  | •   |
| Winding protection grid  | •   | •   | •  | •   |
| <b>Standard equipment:</b>   |   |   |  |   |
| Charger  |   |   |  | 627046000 (ASC 55)  |
| 2 - 18V 5.5 Ah LiHD ext. batteries*                                    |   |   |  | 625368000   |
| Type 27 wheel guard  | 339204500   | 339204500   | 339204500  | 339203480   |
| Side handle  | 316046590   | 316046590   | 314000970  | 316046590   |
| Inner flange   | 341031290   | 341031290   | 341031290  | 341031290   |
| Locking nut  | 316055450   | 316055450   | 316055450  | 316062590   |
| Spanner wrench   |   |   |  | 623934000   |
| Carrying case  |   |   |  | Kit only  |
| <b>Optional equipment:</b>   |   |   |  |   |
| Quick-clip on type 1 cutting guard                                     | 630352000   | 630352000   | 630352000  | 630351000   |
| Dust filter  | 630835000   | 630792000   | 630792000  | 313062620   |
| Multiple position side handle bar                                      | 627362000   | 627362000   | 627362000  |   |

# 4 1/2"-5" ANGLE GRINDERS



| Model                              | W 1100-125<br>603614420 | WP 1100-125<br>603612420  | W 13-125 Quick<br>603627420   |
|------------------------------------|-------------------------|---|---|
| <b>Key Features</b>                |                         |  |    |
| Maximum wheel diameter             | 4 1/2" - 5"             | 4 1/2" - 5"   | 4 1/2" - 5"   |
| Amps                               | 11.0                    | 11.0  | 12.0  |
| Rated input watts                  | 1,100                   | 1,100   | 1,250   |
| No-load speed (RPM)                | 12,000                  | 12,000  | 10,000  |
| Switch Type                        | Lock-on slide           | Non-locking paddle  | Lock-on slide   |
| Motor                              | <b>Heavy Duty</b>       | <b>Heavy Duty</b>   | LongLife  |
| AC/DC capability                   | AC/DC                   | AC/DC   | AC/DC   |
| Metabo safety slip clutch          |                         |   | •   |
| Quick wheel change system          |                         |   | •   |
| Rotatable gear housing             | •                       | •   | •   |
| Burst-proof guard                  | •                       | •   | w/ 7 stops  |
| Side handle                        | Ergonomic               | Ergonomic   | MVT Vibratech   |
| Auto-stop carbon brushes           | •                       | •   | •   |
| Winding protection grid            |                         |   | •   |
| <b>Standard equipment:</b>         |                         |   |   |
| Type 27 wheel guard                | 339203960               | 339203960   | 339204500   |
| Side handle                        | 314000540               | 314000540   | 314000970   |
| Inner flange                       | 341031290               | 341031290   | 341031290   |
| Locking nut                        | 341101480               | 341101480   | 316055450   |
| Spanner wrench                     | 623934000               | 623934000   |   |
| <b>Optional equipment:</b>         |                         |   |   |
| Type 1 cutting guard (steel)       | US339203040             | US339203040   | US339203040   |
| Quick-clip on type 1 cutting guard | 630352000               | 630352000   | 630352000   |
| Dust filter                        |                         |   | 630709000   |
| Multiple position side handle bar  |                         |   | 627362000   |



**WPB 13-125 Quick DS**  
4 1/2" - 5" Angle Grinder  
with Non-locking Paddle  
Switch and Brake



**WEPBA 17-125 Quick DS**  
Electronic 4 1/2" - 5" Angle  
Grinder with Non-locking  
Paddle Switch, Brake,  
Auto-balance  
and Drop Secure



**WEP 15-125 Quick**  
4 1/2" - 5" Angle Grinder  
with Non-locking Paddle Switch

| Model                              | WPB 13-125 Quick DS<br>600437420  | WEP 15-125 Quick<br>600476420  | WEPBA 17-125 Quick DS<br>600549420  |
|------------------------------------|---|--|---|
| <b>Key Features</b>                |      |       |        |
| Maximum wheel diameter             | 4 1/2" - 5"   | 4 1/2" - 5"  | 4 1/2" - 5"   |
| Amps                               | 12.0  | 13.5   | 14.5  |
| Rated input watts                  | 1,250   | 1,550  | 1,700   |
| No-load speed (RPM)                | 11,000  | 11,000   | 11,000  |
| Switch Type                        | Non-locking paddle  | Non-locking paddle   | Non-locking paddle  |
| Motor                              | LongLife  | LongLife   | LongLife  |
| AC/DC capability                   | AC/DC   | AC   | AC  |
| Mechanical brake technology        | •   |  | •   |
| <b>Drop secure tethering point</b> | •   |  | •   |
| Auto-balance vibration control     |   |  | •   |
| Metabo safety slip clutch          | •   | •  | •   |
| Quick wheel change system          | •   | •  | •   |
| Electronic features:               |   | •  | •   |
| Electronic speed stabilization     |   | TC   | TC  |
| Power interruption protection      |   | •  | •   |
| Soft start feature                 |   | •  | •   |
| Overload protection w/ LED         |   | •  | •   |
| Rotatable gear housing             | •   | •  | •   |
| Burst-proof guard w/ 7 stops       | •   | •  | •   |
| Side handle                        | MVT Vibratex  | MVT Vibratex   | MVT Vibratex  |
| Auto-stop carbon brushes           | •   | •  | •   |
| Winding protection grid            | •   | •  | •   |
| <b>Standard equipment:</b>         |   |  |   |
| Charger                            |   |  | 627046000 (ASC 55)  |
| Type 27 wheel guard                | 339204500   | 339204500  | 339204500   |
| MVT Vibratex side handle           | 314000970   | 314000970  | 314000970   |
| Inner flange                       | 341031290   | 341031290  |   |
| Locking nut                        | 316055450   | 316055450  | 316055450   |
| Spanner wrench                     |   |  |   |
| <b>Optional equipment:</b>         |   |  |   |
| Type 1 cutting guard (steel)       | US339203040   | US339203040  | US339203040   |
| Quick-clip on type 1 cutting guard | 630352000   | 630352000  | 630352000   |
| Dust filter                        | 630792000   | 630792000  | 630792000   |
| Multiple position side handle bar  | 627362000   | 627362000  | 627362000   |

# 4 1/2"-5" RAT TAIL GRINDERS



**WP 1200-125 RT**  
5" Angle Grinder



**WE 17-125 Quick RT**  
5" Angle Grinder



**WEV 1500-125 RT**  
5" Variable Speed Angle  
Grinder



**WEPBA 17-125 Quick RT DS**  
5" Angle Grinder



| Model<br># (lock-on trigger)           | WP 1200-125 RT<br>601240420<br>US601240762 | WEV 1500-125 RT<br>601243420 | WE 17-125 Quick RT<br>601086420 | WEPBA 17-125 Quick RT DS<br>600605420 |
|--|--|------------------------------|---------------------------------|---------------------------------------|
| <b>Key Features</b>                    |  |                              | <br>                            | <br><br><br><br>                      |
| Maximum wheel diameter                 | 4 1/2" - 5"                                | 4 1/2" - 5"                  | 4 1/2"-5"                       | 4 1/2"-5"                             |
| Amps                                   | 10.2                                       | 13.2                         | 14.6                            | 14.5                                  |
| Rated input watts                      | 1,200                                      | 1,500                        | 1,700                           | 1,700                                 |
| No-load speed (RPM)                    | 11,000                                     | 3,500-11,000                 | 10,000                          | 10,000                                |
| Switch Type                            | Depends on model                           | Locking trigger              | Locking trigger                 | Non-locking trigger                   |
| Motor                                  | <b>Heavy Duty</b>                          | <b>Heavy Duty</b>            | LongLife                        | LongLife                              |
| AC/DC capability                       | AC/DC                                      | AC                           | AC                              | AC                                    |
| Mechanical brake technology            |  |                              |                                 | •                                     |
| <b>Drop secure tethering point</b>     |  |                              |                                 | •                                     |
| Auto-balance vibration control         |  |                              |                                 | •                                     |
| Metabo safety slip clutch              |  |                              | •                               | •                                     |
| Electronic features:                   |  |                              |                                 |                                       |
| Speed stabilization                    |  | VTC                          | TC                              | TC                                    |
| Soft start feature                     |  | •                            | •                               | •                                     |
| Overload protection                    |  | •                            | •                               | •                                     |
| Electronic clutch                      |  | •                            |                                 |                                       |
| Ergonomic rat tail design              | •  | •                            | •                               | •                                     |
| Tool-less adjustable burst-proof guard | •  | •                            | w/ 7 stops                      | w/ 7 stops                            |
| Side handle                            | Vibration dampened                         | Vibration dampened           | MVT Vibrattech                  | MVT Vibrattech                        |
| Auto-stop carbon brushes               | •  | •                            | •                               | •                                     |
| <b>Standard equipment:</b>             |  |                              |                                 |                                       |
| Type 27 wheel guard                    | 339203490                                  | 339203490                    | 339200450                       | 339200450                             |
| Side handle                            | 316046590                                  | 316046590                    | 314000970                       | 314000970                             |
| Inner flange                           | 341031290                                  | 341031290                    | 341031290                       | 341031290                             |
| Locking nut                            | 341101480                                  | 341101480                    | 316055450                       | 316055450                             |
| Spanner wrench                         | 623934000                                  | 623934000                    |                                 |                                       |
| <b>Optional equipment:</b>             |  |                              |                                 |                                       |
| Filter                                 |  |                              | 630719000                       | 630719000                             |
| Type 1 cutting guard (steel)           |  |                              | US339203040                     | US339203040                           |
| Quick-clip on type 1 cutting guard     | 630352000                                  | 630352000                    | 630352000                       | 630352000                             |

# 6" - 7" RAT TAIL GRINDERS



**WE 1500-150 RT**  
6" Angle Grinder



**WEP 1500-150 RT**  
6" Angle Grinder



**WEPBA 17-150 Quick RT DS**  
6" Angle Grinder



**WEP 17-150 Quick RT**  
6" Angle Grinder



**WEPB 19-180 RT DS**  
7" Angle Grinder



**Model # (lock-on trigger)  
# (non locking trigger)**

**WE 1500-150 RT**  
601242420  
601244420  
WEP 1500-150 RT

**WEP 17-150 Quick RT**  
601078420

**WEPBA 17-150 Quick RT DS**  
600606420

**WEPB 19-180 RT DS**  
601096420

**Key Features**



| Key Features                                   | WE 1500-150 RT     | WEP 17-150 Quick RT | WEPBA 17-150 Quick RT DS | WEPB 19-180 RT DS |
|--|--------------------|---------------------|--------------------------|-------------------|
| Maximum wheel diameter                         | 6"                 | 6"                  | 6"                       | 7"                |
| Amps   | 13.2               | 14.6                | 14.5                     | 15.0              |
| Rated input watts                              | 1,500              | 1,750               | 1,750                    | 1,900             |
| No-load speed (RPM)                            | 9,600              | 9,600               | 9,600                    | 8,200             |
| Switch Type                                    | Depends on model   | Non-Locking         | Non-Locking              | Non-Locking       |
| Motor  | Heavy Duty         | LongLife            | LongLife                 | LongLife          |
| AC/DC capability                               | AC                 | AC                  | AC                       | AC                |
| Mechanical brake technology                    |                    |                     | •                        | •                 |
| Drop secure tethering point                    |                    |                     | •                        | •                 |
| Auto-balance vibration control                 |                    |                     | •                        | •                 |
| Metabo safety slip clutch                      |                    | •                   | •                        | •                 |
| Electronic features:                           |                    |                     |                          |                   |
| Speed stabilization                            | TC                 | TC                  | TC                       | TC                |
| Soft start feature                             | •                  | •                   | •                        | •                 |
| Overload protection                            | •                  | •                   | •                        | •                 |
| Electronic clutch                              | •                  | •                   | •                        | •                 |
| Ergonomic rat tail design                      | •                  | •                   | •                        | •                 |
| Tool-less adjustable burst-proof guard         | •                  | w/ 7 stops          | w/ 7 stops               | w/ 7 stops        |
| Side handle                                    | Vibration dampened | MVT Vibrattech      | MVT Vibrattech           | MVT Vibrattech    |
| Auto-stop carbon brushes                       | •                  | •                   | •                        | •                 |
| <b>Standard equipment:</b>                     |                    |                     |                          |                   |
| Type 27 wheel guard                            | 339204450          | 339204510           | 339204510                | 339204790         |
| Side handle                                    | 316046590          | 314000970           | 314000970                | 314000970         |
| Inner flange                                   | 341031290          | 341031290           | 341031290                |                   |
| Locking nut                                    | 341101480          | 316055450           | 316055450                |                   |
| Spanner wrench                                 | 623934000          |                     |                          |                   |
| Wheel mounting kit for type 27 whls            |                    |                     |                          | 316037200         |
| Guard for non-bubbed wheels                    |                    |                     |                          | 339204780         |
| <b>Optional equipment:</b>                     |                    |                     |                          |                   |
| Type 1 cutting guard (steel)                   | 630353000          | US339203050         | US339203050              | 630383000         |
| Quick-clip on type 1 cutting guard             |                    | 630353000           | 630353000                |                   |
| Type 27 guard flange kit for non-hubbed wheels |                    |                     |                          | 655199000         |
| Multi-position Handle                          |                    | 627362000           | 627362000                | 627362000         |

# 6" ANGLE GRINDERS



Included:  
4 1/2" and 6" wheel  
guards, for use with  
all your applications

**WPB 18 LTX BL 150**  
6" Brushless Paddle  
Switch Angle Grinder  
with Brake



**NEW**

**WP 13-150 Quick**  
6" Angle Grinder  
with Non-locking Paddle Switch



**NEW**

**W 13-150 Quick**  
6" Angle Grinder



**NEW**

**WPB 13-150 Quick DS**  
6" Angle Grinder  
with Non-locking  
Paddle Switch, Brake  
and Drop Secure



| Model   | WPB 18 LTX BL 150                    | W 13-150 Quick<br>603632420 | WP 13-150 Quick<br>603633420 | WPB 13-150 Quick DS<br>603645420 |
|---|--------------------------------------|-----------------------------|------------------------------|----------------------------------|
| <b>8.0Ah Kit:</b> ASC30-36 Chgr +<br>2 LiHD 8.0 Ah Batteries<br><b>Bare Tool:</b> | <b>613076640</b><br><b>613076860</b> |                             |                              |                                  |
| <b>Key Features</b>   |                                      |                             |                              |                                  |
| Maximum wheel diameter  | 6"                                   | 6"                          | 6"                           | 6"                               |
| Amps  |                                      | 12.0                        | 12.0                         | 12.0                             |
| Rated input watts   |                                      | 1,250                       | 1,250                        | 1,250                            |
| No-load speed (RPM)   | 9,000                                | 10,000                      | 10,000                       | 10,000                           |
| Switch Type   | Non-locking<br>paddle                | Lock-on slide               | Non-locking<br>paddle        | Non-locking<br>paddle            |
| Motor   | Brushless                            | LongLife                    | LongLife                     | LongLife                         |
| AC/DC capability  | 18V DC                               | AC/DC                       | AC/DC                        | AC/DC                            |
| Safety brake  | •                                    |                             |                              | •                                |
| Mechanical brake technology   |                                      |                             |                              | •                                |
| <b>Drop secure tethering point</b>  |                                      |                             |                              | •                                |
| Metabo safety slip clutch   |                                      | •                           | •                            | •                                |
| Quick wheel change system   | •                                    | •                           | •                            | •                                |
| Electronic: Power interruption protection,<br>clutch, overload protection         | •                                    |                             |                              |                                  |
| Rotatable gear housing  | Rotatable battery pack               | •                           | •                            | •                                |
| Burst-proof guard   | •                                    | w/7 stops                   | w/7 stops                    | w/7 stops                        |
| Side handle   | Vibration dampened                   | MVT Vibratex                | MVT Vibratex                 | MVT Vibratex                     |
| Auto-stop carbon brushes  |                                      | •                           | •                            | •                                |
| Winding protection grid   |                                      | •                           | •                            | •                                |
| <b>Standard equipment:</b>  |                                      |                             |                              |                                  |
| 2 - 18V 8.0 Ah LiHD ext. batteries*   | 625369000                            |                             |                              |                                  |
| Charger   | 627046000 (ASC 55)                   |                             |                              |                                  |
| Type 27 wheel guard - 4 1/2" and 6"   | 339204450 / 339204490                | 339204510                   | 339204510                    | 339204510                        |
| Side handle   | 316046590                            | 314000970                   | 314000970                    | 314000970                        |
| Inner flange  | 341031290                            | 341031290                   | 341031290                    | 341031290                        |
| Locking nut   | 341101480                            | 316055450                   | 316055450                    | 316055450                        |
| Carrying case   | Kit only                             |                             |                              |                                  |
| Spanner wrench  | 623934000                            |                             |                              |                                  |
| <b>Optional equipment:</b>  |                                      |                             |                              |                                  |
| Quick-clip on type 1 cutting guard  | 630353000                            | 630353000                   | 630353000                    | 630353000                        |
| Dust filter   | 316062620                            | 630709000                   | 630792000                    | 630792000                        |
| Multiple position side handle bar   |                                      | 627362000                   | 627362000                    | 627362000                        |



**WE 15-150 Quick**  
Electronic 6" Angle Grinder



**WEP 17-150 Quick**  
Electronic 6" Angle Grinder with Non-locking Paddle Switch



**WEP 15-150 Quick**  
Electronic 6" Angle Grinder with Non-locking Paddle Switch



**WEPBA 17-150 Quick DS**  
Electronic 6" Angle Grinder with Non-locking Paddle Switch, Brake, Auto-balance and Drop Secure



| Model                              | WE 15-150 Quick<br>600464420  | WEP 15-150 Quick<br>600488420   | WEP 17-150 Quick<br>600507420   | WEPBA 17-150 Quick DS<br>600553420  |
|------------------------------------|---|---|---|---|
| <b>Key Features</b>                |    |     |     |        |
| Maximum wheel diameter             | 6"  | 6"  | 6"  | 6"  |
| Amps                               | 13.5  | 13.5  | 14.5  | 14.5  |
| Rated input watts                  | 1,550   | 1,550   | 1,700   | 1,700   |
| No-load speed (RPM)                | 9,600   | 9,600   | 9,600   | 9,600   |
| Switch type                        | Lock-on slide   | Non-locking paddle  | Non-locking paddle  | Non-locking paddle  |
| Motor                              | LongLife  | LongLife  | LongLife  | LongLife  |
| AC/DC capability                   | AC  | AC  | AC  | AC  |
| Mechanical brake technology        |   |   |   | •   |
| <b>Drop secure tethering point</b> |   |   |   | •   |
| Metabo safety slip clutch          | •   | •   | •   | •   |
| Quick wheel change system          | •   | •   | •   | •   |
| Electronic features:               |   |   |   |   |
| Electronic speed stabilization     | TC  | TC  | TC  | TC  |
| Power interruption protection      | •   | •   | •   | •   |
| Soft start feature                 | •   | •   | •   | •   |
| Overload protection w/ LED         | •   | •   | •   | •   |
| Rotatable gear housing             | •   | •   | •   | •   |
| Burst-proof guard w/ 7 stops       | •   | •   | •   | •   |
| Side handle                        | MVT Vibratex  | MVT Vibratex  | MVT Vibratex  | MVT Vibratex  |
| Auto-stop carbon brushes           | •   | •   | •   | •   |
| Winding protection grid            | •   | •   | •   | •   |
| <b>Standard equipment:</b>         |   |   |   |   |
| Type 27 wheel guard                | 339204510   | 339204510   | 339204510   | 339204510   |
| Quick-clip on type 1 cutting guard | 630353000   | 630353000   | 630353000   | 630353000   |
| Side handle                        | 314000970   | 314000970   | 314000970   | 314000970   |
| Inner flange                       | 341031290   | 341031290   | 341031290   | 341031290   |
| Locking nut                        | 316055450   | 316055450   | 316055450   | 316055450   |
| <b>Optional equipment:</b>         |   |   |   |   |
| Steel type 1 guard                 | US339203050   | US339203050   | US339203050   | US339203050   |
| Dust filter                        | 630709000   | 630792000   | 630792000   | 630792000   |
| Multiple position side handle bar  | 627362000   | 627362000   | 627362000   | 627362000   |

## 4 1/2"-6" VARIABLE SPEED ANGLE GRINDERS



**WEV 11-125**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-125 HT**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 1500-125 RT**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-125 Quick**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-150 HT**  
Electronic Variable Speed  
6" Angle Grinder

| Model                              | WEV 11-125<br>603625420   | WEV 15-125 Quick<br>600468420   | WEV 15-125 HT<br>600562420  | WEV 1500-125 RT<br>601243420  | WEV 15-150 HT<br>600563420  |
|------------------------------------|---|---|---|---|---|
| <b>Key Features</b>                |   |     |   |   |   |
| Maximum wheel diameter             | 4 1/2" - 5"   | 4 1/2" - 5"   | 4 1/2" - 5"   | 4 1/2" - 5"   | 6"  |
| Amps                               | 11.0  | 13.5  | 13.5  | 13.2  | 13.5  |
| Rated input watts                  | 1,000   | 1,550   | 1,550   | 1,500   | 1,550   |
| No-load speed (RPM)                | 2,800-10,500  | 2,800-11,000  | 2,800-9,600   | 3,500-11,000  | 2,000-7,600   |
| Switch Type                        | Lock-on slide   | Lock-on slide   | Lock-on slide   | Locking trigger   | Lock-on slide   |
| Motor                              | LongLife  | LongLife  | LongLife  | <b>Heavy Duty</b>   | LongLife  |
| Metabo safety slip clutch          | •   | •   | •   | •   | •   |
| Quick wheel change system          |   | •   |   |   |   |
| Electronics features:              |   |   |   |   |   |
| Speed stabilization                | VC  | VTC   | VTC   | VTC   | VTC   |
| Power interruption protection      | •   | •   | •   | •   | •   |
| Soft start feature                 | •   | •   | •   | •   | •   |
| Overload protection w/ LED         | •   | •   | •   | •   | •   |
| Rotatable gear housing             | •   | •   | •   | •   | •   |
| Burst-proof guard w/ 7 stops       | •   | •   | •   | •   | •   |
| Side handle                        | Vibration dampened  | MVT Vibratex  | Vibration dampened  | Vibration dampened  | Vibration dampened  |
| Auto-stop carbon brushes           | •   | •   | •   | •   | •   |
| Winding protection grid            | •   | •   | •   | •   | •   |
| <b>Standard equipment:</b>         |   |   |   |   |   |
| Type 27 wheel guard                | 339204500   | 339204500   | 339204500   | 339203970   | 339204510   |
| Side handle                        | 316046590   | 314000970   | 316046590   | 316046590   | 316046590   |
| Inner flange                       | 341031290   | 341031290   | 341031290   | 341031290   | 341031290   |
| Locking nut                        | 341101480   | 316055450   | 341101480   | 341101480   | 341101480   |
| Spanner wrench                     | 623934000   |   | 623934000   | 623934000   | 623934000   |
| <b>Optional equipment:</b>         |   |   |   |   |   |
| Type 1 cutting guard (steel)       | US339203040   | US339203040   | US339203040   |   | US339203050   |
| Quick-clip on type 1 cutting guard | 630352000   | 630352000   | 630352000   | 630352000   | 630353000   |
| Dust filter                        |   | 630709000   | 630709000   |   | 630709000   |

## DUSTLESS SHROUDS FOR MASONRY GRINDING AND CUTTING



**626732000**  
5" Convertible shroud for concrete grinding. Fits all Metabo W9, 12, 15, 17, 19 series grinders



Dustless convertible shroud for concrete surface prep  
**655154000** For all current large angle grinders W 24 / W 26  
**655153000** For all current small angle grinders W 9 / W 12 / W 15 / W 17



**630401000**  
5" Clip-on Dustless Cutting Shroud



**626731000**  
CED 125 Plus Anti-Static Shroud for concrete cutting with guide rail



**628216000**  
Dustless Tuck Point Guard Fits small angle grinders, W 9/W 12/W 15/W 17



**US626752000**  
CED 230  
9" Dustless concrete cutting shroud fits Metabo 9" large grinders. **Professional series only**

## GUARDS



Quick-clip on type 1 cutting guard  
**630351000** - 4 1/2"  
**630352000** - 5"  
**630353000** - 6"  
Fits W9, W/WP/WPB12, W1200, WE/WEP/WEPBA15, WEV1500, WE/WEP/WEPBA17 series grinders



Type 1 steel cut-off wheel guard

4 1/2" **US339203030**  
5" **US339203040**  
6" **US339203050**  
7" **630383000** (For WEPB 19 & WPB 36)  
7" **630356000** (For W 24 MVT series)  
9" **630357000** (For W 24 / W 26 MVT series)  
9" **630363000** (For WPB 36 only)  
(Does not fit W 750/W 850/W 1100/W 1200/W 1500)



Cup wheel guard and flange for mounting 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders  
Guards: **655174000** - 4" 5/8", **655178000** - 6".  
Mounting flange **US90357006**



**623276000** Cup wheel guard for mounting 3 1/8" Type 6 cup wheels on 4 1/2" - 6" angle grinders  
**Professional series only**

## ADAPTOR KITS AND SPANNER WRENCH



**316064350**  
For mounting non-hubbed 7" and 9" Type 27 wheels on all Metabo large angle grinders  
**655039000** Flange kit for competitive 7" and 9" angle grinders  
**655052000** replacement nut replacement nut for 655039000  
**316037200** Flange kit for 4-1/2" - 6" non-hubbed type 27 wheels



**US655038000** Adaptor kit for diamond blades on 7" - 9" grinders



**623934000** Straight  
**623910000** Offset



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

## HANDLES



**627362000** Multiple Position Bar  
The 180 degree bar allows for infinite adjustment of the side handle



**US630342001** Loop handle for 7" - 9" angle sander & grinders



**623262000** Loop handle for small grinders  
Fits W/WP9, WE/WEV/WEV10, W/WP/WPB12, WE/WEV/WEF/WEPF/WEPBF15, WEP/WEPBA17 grinders



**MVT Vibratex Handle**  
Reduces vibration by up to 60% compared to other handles. The risk of "White Finger Syndrome" caused by vibration exposure over the workers' lifespan is reduced considerably!

## BACKING PADS



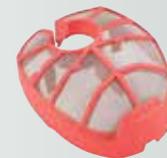
Flexible backing pads for using abrasive discs on angle sanders and grinders.  
**623279000** - 4 1/2" w/ M14-2.0 nut  
**623283000** - 4 1/2" w/ 5/8-11 nut  
**623284000** - 5" w/ 5/8-11 nut  
**623281000** - 7" w/ 5/8-11 nut  
**623282000** - 9" w/ 5/8-11 nut



**630835000**  
Non-paddle switch models



**630792000**  
Lock-on switch models



**630709000**  
Paddle switch models



**630719000**  
Rat-tail models

Fits W12-XXX through WEPBA17-XXX grinders

# 7"-9" LARGE ANGLE GRINDERS



**W 2200-180**  
7" Angle Grinder

**W 24-180 MVT**  
7" Angle Grinder

**WEPB 24-180 MVT**  
7" Electronic Angle Grinder  
with Brake

**WPB 36-18 LTX BL 230**  
9" Cordless Angle Grinder

**Compact 7" Rat Tail WEPB 19-180 RT DS**  
See page 49

**18 V 18 V 36 V**

**Model**  
# (lock-on trigger)  
# (non-locking deadman switch)

**W 2200-180 (7")**  
606434420  
US606434760

**W 24-180 MVT**  
606466420  
US606466760  
606466460  
(Canada)

**WEPB 24-180 MVT**  
606478420

**WPB 36-18 LTX BL 230**  
613102860  
**Bare tool**  
(accepts 2 - 18V  
batteries)

**Key Features**

|   | W 2200-180 (7")   | W 24-180 MVT     | WEPB 24-180 MVT    | WPB 36-18 LTX BL 230 |
|---|-------------------|------------------|--------------------|----------------------|
| Maximum wheel diameter  | 7"                | 7"               | 7"                 | 9"                   |
| Amps  | 15                | 15               | 15                 | 36V (2x 18V) LiHD    |
| Rated input watts   | 2,200             | 2,400            | 2,400              | 2,400                |
| No-load speed (RPM)   | 8,500             | 8,500            | 8,500              | 6,600                |
| Switch Type   | Depends on model  | Depends on model | Non-locking paddle | Non-locking paddle   |
| Motor   | <b>Heavy Duty</b> | LongLife         | LongLife           | <b>Brushless</b>     |
| AC/DC capability  | AC/DC             | AC/DC            | AC/DC              | 36V DC               |
| Mechanical brake  |                   |                  | •                  | •                    |
| Safety brake  |                   |                  |                    | 3 sec                |
| Electronic features:  |                   |                  |                    |                      |
| Electronic clutch   |                   |                  |                    | •                    |
| Soft start  |                   |                  | •                  | •                    |
| Power interruption protection                                     |                   |                  |                    | •                    |
| Overload protection w/ LED  |                   |                  | •                  | •                    |
| Safety / pinch protection   |                   |                  | •                  | •                    |
| <b>Safety lock to prevent accidental switching on of the tool</b> | •                 | •                | •                  | •                    |
| Burst-proof guard   | •                 | Tool-less        | Tool-less          | Tool-less            |
| (3 position) side handle  | Ergonomic         | MVT Vibratech    | MVT Vibratech      | Anti-vibration       |
| Twister 3-position rear handle for cutting/grinding               |                   | •                | •                  | •                    |
| Auto-stop carbon brushes  | •                 | •                | •                  |                      |
| Winding protection grid   |                   | •                | •                  |                      |
| Carrying case (standard)  |                   |                  |                    | •                    |
| <b>Standard equipment:</b>  |                   |                  |                    |                      |
| Type 27 wheel guard   | 316045010         | 316053530        | 316053530          | 314001470            |
| Side handle   | 314000280         | 314000960        | 314000960          | 314000960            |
| Inner flange  |                   |                  |                    | 341031850            |
| Locking nut   |                   |                  |                    | 341101480            |
| Spanner wrench  |                   |                  |                    | 623934000            |
| <b>Optional equipment:</b>  |                   |                  |                    |                      |
| Type 1 cutting guard  | 630386000         | 630356000        | 630356000          | 630363000 (9")       |
| Type 1 cutting guard  |                   |                  |                    | 630383000 (7")       |
| Flange kit non-hubbed wheels                                      | 316064350         | 316064350        | 316064350          |                      |

# 7"-9" LARGE ANGLE GRINDERS

BRUSHLESS MOTOR



**W 2200-230**  
9" Angle Grinder

**W 24-230 MVT**  
9" Angle Grinder

**WEPB 24-230 MVT**  
9" Electronic Angle Grinder with Brake

**W 26-230 MVT**  
9" Angle Grinder

| Model<br># (lock-on trigger)<br># (non-locking deadman switch) | W 2200-230 (9")<br>606435420<br>US606435760 | W 24-230 MVT<br>606467420<br>US606467760<br>606467460<br>(Canada) | WEPB 24-230 MVT<br>606479420 | W 26-230 MVT<br>606474420<br>US606474760 |
|--|---|---|------------------------------|--|
| <b>Key Features</b>  |   |   | <br><br>                     |  |
| Maximum wheel diameter   | 9"  | 9"  | 9"                           | 9"                                       |
| Amps   | 15  | 15  | 15                           | 15                                       |
| Rated input watts  | 2,200                                       | 2,400   | 2,400                        | 2,600                                    |
| No-load speed (RPM)  | 6,600                                       | 6,600   | 6,600                        | 6,600                                    |
| Motor  | <b>Heavy Duty</b>                           | LongLife  | LongLife                     | LongLife                                 |
| AC/DC capability   | AC/DC                                       | AC/DC   | AC                           | AC/DC                                    |
| Mechanical brake   |   |   | •                            |  |
| Electronic features:   |   |   |                              |  |
| Soft start   |   |   | •                            |  |
| Overload protection w/ LED                                     |   |   | •                            |  |
| Safety cut out / pinch protection                              |   |   | •                            |  |
| Burst-proof guard  | •   | Tool-less   | Tool-less                    | Tool-less                                |
| (3 position) side handle                                       | Ergonomic                                   | MVT Vibratech   | MVT Vibratech                | MVT Vibratech                            |
| Twister 3-position rear handle for cutting/grinding            |   | •   | •                            | •  |
| Auto-stop carbon brushes                                       | •   | •   | •                            | •  |
| Winding protection grid  |   | •   | •                            | •  |
| <b>Standard equipment:</b>                                     |   |   |                              |  |
| Type 27 wheel guard  | 316045000                                   | 316053510   | 316053510                    | 339204010                                |
| Side handle  | 314000280                                   | 314000960   | 314000960                    | 314000960                                |
| <b>Optional equipment:</b>                                     |   |   |                              |  |
| Type 1 cutting guard   | 630387000                                   | 630357000   | 630357000                    | 630357000                                |
| Flange kit non-hubbed wheels                                   | 316064350                                   | 316064350   | 316064350                    | 316064350                                |

## OPTIONAL EQUIPMENT



**US655038000** Adaptor kit for diamond blades on 7" - 9" grinders



Dustless convertible shroud for concrete surface prep  
**655154000** 7" shroud. For all current large angle grinders W 24 / W 26  
**655153000** 5" shroud. For all current small angle grinders W 9 / W 12 / W 15 / W 17



**US630342001** Loop handle for 7" - 9" angle sander & grinders



**US626752000** CED 230 9" Dustless concrete cutting shroud fits Metabo 9" large grinders

**Professional series only**

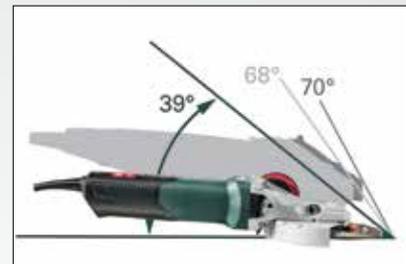


## Solutions for Tight Spaces

The patented gear drive allows for a very low profile head design that enables grinding in angles as small as 39°, and into narrow spaces as low as 2-5/8" high.

Ergonomic design reduces fatigue, even when working on weld joints in difficult positions.

Specifically designed abrasive accessories allow the flat head grinder to work faster, saving time and money.



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

### Applications

|                            |                |                           |
|----------------------------|----------------|---------------------------|
| Metal cutting and grinding | Steel erection | Ship building/maintenance |
| Metal fabrication          | Pipefitting    | General metal industry    |
|                            |                | General contractors       |

LEARN MORE!



## Unmatched Safety



Typical problem...Grinder doesn't reach



This solution violates safety standards



**Metabo flat head grinders are THE SOLUTION**

- **Safety Brake\*** stops wheels in under 2 seconds
- **Metabo Safety Clutch** reduces the risk of kickback during jams
- **Non-Locking Paddle Switch\*** (OSHA preferred and required by many safety regulations)
- **Metabo MVT Vibratex Handle\*** reduces hand / arm vibration by up to 60%
- **Toolless, Adjustable Burst-Proof Guard with 7 Steps**

\*Available on select models

# 4 1/2" - 6" FLAT HEAD ANGLE GRINDERS

**4 1/2"-5" Flat Head Angle Grinder**  
WEF 9-125



**4 1/2"-5" Flat Head Paddle Switch Angle Grinder**  
WEPF 9-125



**4 1/2"-5" Flat Head Electronic Variable Speed High Torque Angle Grinder**  
WEVF 10-125 Quick INOX



**18V 4 1/2"-5" Flat Head Paddle Switch Cordless Angle Grinder**  
WPF 18 LTX 125



**6" Flat Head Electronic Angle Grinder**  
WEF 15-150 Quick



**6" Flat Head Paddle Switch Electronic Angle Grinder**  
WEPF 15-150 Quick



**6" Flat Head Paddle Switch Electronic Angle Grinder with Brake**  
WEPBF 15-150 Quick



| Model:   | WPF 18 LTX 125     | WEF 9-125          | WEPF 9-125         | WEVF 10-125 Quick INOX | WEF 15-150 Quick | WEPF 15-150 Quick | WEPBF 15-150 Quick |
|--|--------------------|--------------------|--------------------|------------------------|------------------|-------------------|--------------------|
| Order No.: CORDED TOOL   | ----               | 613060420          | 613069420          | 613080420              | 613083420        | 613084420         | 613085420          |
| Order No.: 8.0 LiHD Kit (ASC30-36 Charger + 2 LiHD 8.0 Ah Batteries) | US613070620        | ----               | ----               | ----                   | ----             | ----              | ----               |
| Order No.: BARE TOOL   | 613070860          | ----               | ----               | ----                   | ----             | ----              | ----               |
| Maximum wheel diameter   | 4 1/2" - 5"        | 4 1/2" - 5"        | 4 1/2" - 5"        | 4 1/2" - 5"            | 6"               | 6"                | 6"                 |
| Amps   | ---                | 8.0                | 8.0                | 9.5                    | 13.5             | 13.5              | 13.5               |
| No-load speed (RPM)  | 8,000              | 10,000             | 10,000             | 2,000-7,600            | 9,600            | 9,600             | 9,600              |
| Minimum clearance  | 43° / 2-5/8"       | 43° / 2-5/8"       | 43° / 2-5/8"       | 43° / 2-5/8"           | 39° / 2-5/8"     | 39° / 2-5/8"      | 39° / 2-5/8"       |
| Mechanical brake   |                    |                    |                    |                        |                  |                   | •                  |
| Non-locking paddle switch  | •                  |                    | •                  |                        |                  | •                 | •                  |
| Toolless wheel change  | •                  |                    |                    | •                      | •                | •                 | •                  |
| Motor  | 18V Cordless       | LongLife           | LongLife           | LongLife               | LongLife         | LongLife          | LongLife           |
| Side handle  | Vibration dampened | Vibration dampened | Vibration dampened | Vibration dampened     | MVT VibraTech    | MVT VibraTech     | MVT VibraTech      |
| Electronic features:   |                    |                    |                    |                        |                  |                   |                    |
| Variable speed dial  |                    |                    |                    | •                      |                  |                   |                    |
| Speed stabilization  |                    | TC                 | TC                 | VC                     | TC               | TC                | TC                 |
| Power interruption protection  | •                  | •                  | •                  | •                      | •                | •                 | •                  |
| Soft start feature   | •                  | •                  | •                  | •                      | •                | •                 | •                  |
| Overload protection  | w/LED              | •                  | •                  | w/LED                  | w/LED            | w/LED             | w/LED              |
| Electronic safety clutch   | •                  | •                  | •                  | •                      | •                | •                 | •                  |
| Rotatable gear housing   | •                  | •                  | •                  | •                      | •                | •                 | •                  |
| Toolless, adjustable burst-proof guard w/ 7 stops                    | •                  | •                  | •                  | •                      | •                | •                 | •                  |
| <b>Standard Equipment</b>  |                    |                    |                    |                        |                  |                   |                    |
| Wheel guard  | 316055590          | 316055590          | 316055590          | 316055590              | 339204600        | 339204600         | 339204600          |
| Side handle  | 316046590          | 316046590          | 316046590          | 316046590              | 314000970        | 314000970         | 314000970          |
| Inner flange   | 341031290          | 341031290          | 341031290          | 341031290              | 341031290        | 341031290         | 341031290          |
| Locking nut  | 341101480          | 341101480          | 341101480          | 316064690              | 316064690        | 316064690         | 316064690          |
| Spanner wrench   | 623934000          | 623934000          | 623934000          | 623934000              |                  |                   |                    |
| <b>Optional Equipment</b>  |                    |                    |                    |                        |                  |                   |                    |
| Type 1 cutting guard   | 630355000          | 630355000          | 630355000          | 630355000              | 630378000        | 630378000         | 630378000          |

# Increase Productivity with Metabo's Unique Flat Head Angle Grinder Accessories



| SPECIALTY WHEELS  | Grit   | Size               | Pcs./ Pkg. | Order No.              |
|---|--------|--------------------|------------|------------------------|
|  <b>Flexiamant Super Convex CER</b><br>Extreme performance ceramic steel/stainless steel/heat sensitive materials <b>contaminant free</b> | P 60   | 5 x 7/8<br>6 x 7/8 | 10         | 626460000<br>626488000 |
|   | P 80   | 5 x 7/8<br>6 x 7/8 | 10         | 626461000<br>626489000 |
|  <b>Flexiamant Super Convex ZK</b><br>High performance zirconia alumina steel/stainless steel <b>contaminant free</b>                     | P 40   | 5 x 7/8<br>6 x 7/8 | 10         | 626462000<br>626490000 |
|   | P 60   | 5 x 7/8<br>6 x 7/8 | 10         | 626463000<br>626491000 |
|   | P 80   | 5 x 7/8<br>6 x 7/8 | 10         | 626464000<br>626492000 |
|  <b>Non-woven Fleece VKS ZK</b><br>Shapeable disc precise cleaning of weld seams steel/stainless steel                                   | coarse | 5 x 7/8            | 5          | 626482000              |
|   | medium | 5 x 7/8            | 5          | 626483000              |

| GRINDING WHEELS   | Spec.       | Size  | Pcs./ Pkg. | Order No.                  |
|---|-------------|---|------------|----------------------------|
|  <b>Original Long Life Grinding Wheel</b><br>Type 27 Steel                         | A 24 R      | 5 x 1/4 x 7/8<br>6 x 1/4 x 7/8                  | 25         | 616308000<br>616319000     |
|   | A 36 M      | 5 x 1/4 x 7/8                                   | 25         | 616749000                  |
|  <b>Plus Grinding Wheel</b><br>Type 27 Aluminum                                    | A 36 M      | 5 x 1/4 x 7/8                                   | 25         | 616749000                  |
|  <b>Plus-Z (Zirconia) Grinding Wheel</b><br>Type 27 Steel/Stainless Steel          | ZA24T       | 6 x 1/4 x 7/8                                   | 25         | 616787000                  |
|  <b>M-Calibur (Ceramic)</b><br>Type 27 Steel/Stainless Steel                       | CA46U       | 5 x 1/4 x 7/8<br>6 x 1/4 x 7/8                  | 10         | US616291000<br>US616292000 |
|   | A 46 U      | 5 x 5/64 x 7/8<br>6 x 5/64 x 7/8                | 25         | 616501420<br>616502420     |
|  <b>"Combinator" Type 27</b><br>Cutting & Grinding Steel/Stainless                 | A 46 U      | 5 x 5/64 x 7/8<br>6 x 5/64 x 7/8                | 25         | 616501420<br>616502420     |
|   | A 24 T      | 5 x 1/8 x 7/8<br>6 x 1/8 x 7/8                  | 25         | 655287000<br>655285000     |
|  <b>Pipeline Wheel Type 27</b><br>Cutting/Notching/Grinding Steel/Stainless Steel | A 24 T      | 5 x 1/8 x 7/8<br>6 x 1/8 x 7/8                  | 25         | 655287000<br>655285000     |
|   | .020 Carbon | 4-1/2 x 3/16 x 5/8-11                           | 5          | 655228005                  |
|   | Steel       | 5 x .020 x 3/16 x 7/8<br>6 x .020 x 15/64 x 7/8 | 5<br>1     | 655229005<br>626816000     |

| Other Accessories  | Description                     | Details  | Order No.  |
|--|---------------------------------|--|--|
|  | <b>5" Type 1 Cutting Guard</b>  |  | 630355000<br>fits 5"<br>WEPF9-125,<br>WEF9-125   |
|  | <b>5" Type 1 Cutting Guard</b>  | Comply with OSHA/ANSI B7.1 regulations   | 630372000<br>fits 5"<br>WEVF10-125               |
|  | <b>6" Type 1 Cutting Guard</b>  |  | 630378000<br>fits all 6"                         |
|  | <b>Multiple Position Handle</b> | Allows for infinite adjustment of the ergonomic side handle  | 627362000  |
|  | <b>Dust Protection Filter</b>   | Protects motor components from harmful particles; aluminum, cloth from fiber discs and polishing fibers. Quick, tool free installation and removal | 630719000<br>for use with slide switch grinders  |
|  |                                 |  | 630792000<br>for use with paddle switch grinders |

Not compatible with WEF9 / WEPF9-125

| TYPE 1 CUTTING WHEELS   | Spec.   | Size                             | Pcs./ Pkg. | Order No.              |
|---|---------|----------------------------------|------------|------------------------|
|  <b>Original Slicer</b><br>Fastest Cut/Flexible Steel/Stainless Steel  | A 60 TZ | 5 x .040 x 7/8<br>6 x .040 x 7/8 | 50         | 655334000<br>655339000 |
|   | A 60 XL | 5 x .045 x 7/8<br>6 x .045 x 7/8 | 50         | 655335000<br>655344000 |
|  <b>Original Long Life Slicer</b><br>Long Life/Tough Steel/Stainless Steel   | A 60 XL | 5 x .045 x 7/8<br>6 x .045 x 7/8 | 50         | 655335000<br>655344000 |
|  <b>Slicer Plus</b><br>Aggressive/Cool Cutting Steel/Stainless Steel   | A 60 TX | 5 x .045 x 7/8<br>6 x .045 x 7/8 | 50         | 655993000<br>655998000 |
|   | A60XP   | 5 x .045 x 7/8<br>6 x .045 x 7/8 | 50         | 655992000<br>655995000 |
|  <b>Super Slicer Heavy Duty</b><br>Contaminant Free, Steel/Stainless Steel, High Tensile Alloy                         | A60XP   | 5 x .045 x 7/8<br>6 x .045 x 7/8 | 50         | 655992000<br>655995000 |
|  <b>M-Calibur (Ceramic)</b><br>Extreme Heavy Duty Ceramic, Contaminant Free, Steel/Stainless Steel, High Tensile Alloy | CA46U   | 6 x 1/16 x 7/8                   | 25         | US616287000            |
|   | CA46U   | 6 x .045 x 7/8                   | 25         | US616284000            |
|  <b>M-Calibur (Ceramic)</b><br>Extreme Heavy Duty Ceramic, Contaminant Free, Steel/Stainless Steel, High Tensile Alloy | CA46U   | 6 x .045 x 7/8                   | 25         | US616284000            |



**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
 PE 15-20 RT



**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
 PE 15-30



**PWE 11-100**  
**Variable Speed High**  
**Torque Wet Polisher**

| Model   | PE 15-20 RT<br>615200420      | PE 15-30<br>615300420 |
|---|-------------------------------|-----------------------|
| Maximum pad diameter                                    | 7"                            | 7"                    |
| Double insulated  | •                             | •                     |
| Electronic features:                                    |                               |                       |
| Speed stabilization                                     | Vario-tacho-constamatic (VTC) |                       |
| Power interruption protection                           | •                             | •                     |
| Overload protection                                     | •                             | •                     |
| Soft start feature                                      | •                             | •                     |
| Restart protection                                      | •                             | •                     |
| Electronic winding temperature monitor with LED display | •                             | •                     |
| Winding protection grid                                 | •                             | •                     |
| Planetary gearing                                       | •                             | •                     |
| Variable speed controlled by adjusting dial             | •                             | •                     |
| Auto-stop carbon brushes                                | •                             | •                     |
| No-load speed (RPM)                                     | 300-1,900 RPM                 | 800-3,000 RPM         |
| Amps  | 13                            | 13                    |
| Rated input watts                                       | 1,500                         | 1,550                 |
| Spindle thread  | 5/8"-11                       | 5/8"-11               |
| Carrying case   |                               |                       |
| <b>Standard equipment:</b>                              |                               |                       |
| Side handle   | 314000540                     |                       |
| Loop handle   |                               | •                     |
| <b>Optional equipment:</b>                              |                               |                       |
| 5" soft backing pad                                     | 655141000                     | 655141000             |
| 5" medium backing pad                                   | 655129000                     | 655129000             |
| 5" hard backing pad                                     | 623298000                     | 623298000             |
| 7" hard backing pad                                     | 655143000                     | 655143000             |

| Model   | PWE 11-100<br>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                            | •                       |
| Motor   | LongLife                |
| 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.            |
| Backing pad size  | 4"-5"                   |
| No Load speed (RPM)                                     | 1,700-5,400             |
| Amps  | 9.6                     |
| Rated input watts                                       | 1,100                   |
| Spindle thread  | 5/8"-11                 |
| <b>Standard equipment:</b>                              | Loop handle (343399690) |
| <b>Optional equipment:</b>                              | Tool Bag (657006000)    |



Backing pad not included on above tools





03



## Abrasives

- Abrasives engineered to maximize the performance of Metabo power tools
- Large selection of wheels to match your application
- Premium quality and performance abrasives, made in the US and Germany, exceeding all international standards for performance and safety

# Boost performance with

For Highest Performance, Productivity and Safety:

## HEAVY DUTY

Fast and reliable results

## SUPER DUTY

Longer life, improved productivity

## EXTREME DUTY

Unstoppable, unmatched productivity

Cutting

### Original Slicer

Fast, cool cutting, burr free

- Ferrous metal
- Steel / Stainless
- Bar stock
- Sheet metal

Aluminum Oxide



### Slicer Plus

Fast cutting, long life, most versatile

- Thicker sectional cuts
- Ferrous metal
- Steel / Stainless
- Hard alloys
- Heavy wall pipe
- Angle iron

Engineered Aluminum Oxide

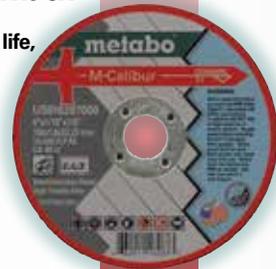


### Ceramic M-Calibur

Extremely fast, longest life, toughest conditions, lowest total cost

- Hardened steel / Stainless
- Tough alloys
- High tensile alloys
- Hastalloys
- Inconels
- Titanium

Contaminant Free Pure Ceramic Alumina



Material Removal & Finishing

### Original Grinding

High removal rate

- Ferrous metal
- Steel / Stainless

Aluminum Oxide



### Plus-Z Grinding

Aggressive high stock removal rate, long life, cool grinding, most versatile

- Ferrous metal
- Steel / Stainless
- Heat sensitive material

Micro-Fracture Proprietary Blend



### Ceramic M-Calibur

Extreme removal, longest life, lowest total cost

- Hardened steel / Stainless
- Tough alloys
- High tensile alloys
- Hastalloys
- Inconels
- Titanium

Contaminant Free Ceramic Alumina



### Original Flapper

Fast stock removal, one step blending and finishing

- Steel / Stainless

Contaminant Free



### Flapper Plus

Aggressive stock removal, long life, most versatile, one step blending and finishing, cool grinding

- Steel / Stainless
- Heat sensitive material
- Glaze resistant

Contaminant Free



### Ceramic Flapper

High performance, cool grinding and finishing

- Hardened metals
- Stainless steel
- High tensile alloys
- Hastalloys
- Inconels
- Titanium
- Heat sensitive material

Contaminant Free Ceramic Alumina



# "The Metabo System"

Pair Metabo Angle Grinders and Abrasives

**HEAVY  
DUTY**

Fast and reliable results

**SUPER  
DUTY**

Longer life, improved productivity

**EXTREME  
DUTY**

Unstoppable, unmatched productivity

## BOOST PERFORMANCE WITH METABO OPTIMIZED SYSTEMS

**HIGH POWER  
GRINDERS**



**MADE IN GERMANY**

Metabo abrasives are optimized to perform best with Metabo Grinders

## Safety Tips:

Even the world's best abrasive wheels need to be used safely. Here are some do's and do not's every operator should follow:

### "Do's and Don'ts"

#### Do:

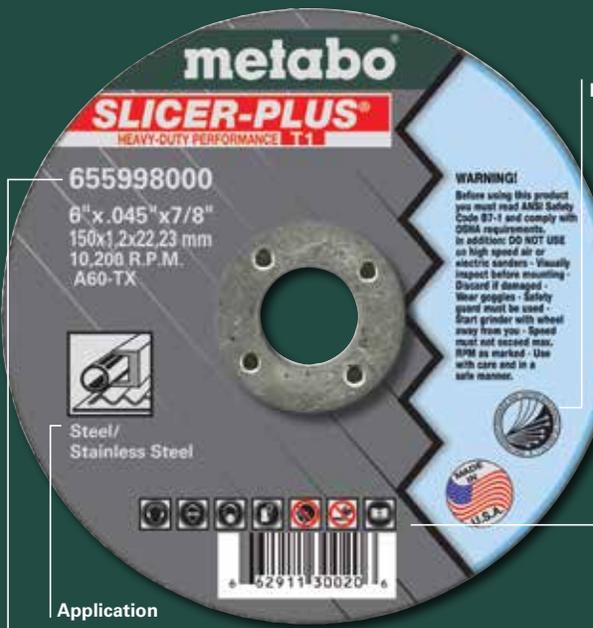
1. Always handle and store wheels carefully.
2. Visually inspect all wheels for possible damage before mounting.
3. Make sure the tool's operating speed never exceeds the wheel speed.
4. Always check mounting flanges for equal and correct diameter.
5. Use mounting blotters when they're supplied with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

#### Don't:

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



# Metabo Cutting Wheels



## Manufacturing standard

**WARNING!**  
Before using this product you must read ANSI Safety Code B7-1 and comply with OSHA requirements. In addition: **DO NOT USE** on high speed air or electric Sanders - Visually inspect before mounting - Discard if damaged - Wear goggles - Safety guard must be used - Start grinder with wheel away from you - Speed must not exceed max. RPM as marked - Use with care and in a safe manner.

## Safety guide

- Use ear protection
- Use safety rated glasses
- Use dust mask
- Use protective gloves
- Do not use on a bench grinder
- Do not use for grinding
- Limitations of usage

- Order number
- Dimensions
- Size
- Max. Speed recommended
- Formulation

Application

Steel/  
Stainless Steel

## Product specifications

### Specification:

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

### Abrasive:

- A Aluminium Oxide
  - For general processing of metal

### ZA Zirconia Alumina

- Special discs for metal processing

### C Silicon carbide

- For processing stone

### CA Ceramic

- Special discs for processing stainless steel and metal

### Grit

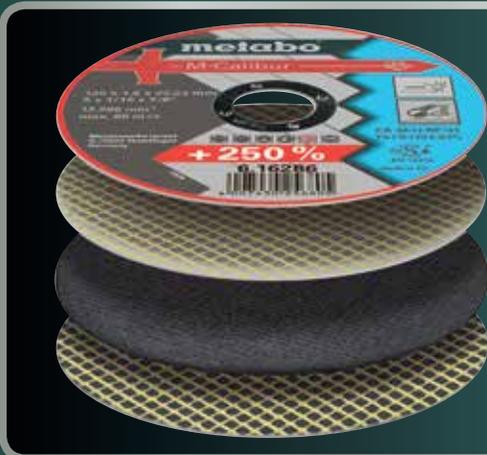
The higher the number, the finer the grit. We use grain sizes of 16 – 60 for cutting and grinding discs:

- 16 – 24 coarse
- 30 – 60 medium

### Hardness

The hardness of a grinding tool is coded alphabetically:

|           |         |                |
|-----------|---------|----------------|
| ABC ...   | NOP ... | RST ... Z      |
| Very soft | Soft    | hard Very hard |



Disc label with all **product and safety information**

Fiberglass fabric for **more safety** during the cutting process

Mixture with high-quality **corundum, filler materials and phenolic resins**

Additional fiber glass fabric for **even more safety**

## HEAVY DUTY

Fast and reliable results

## SUPER DUTY

Longer life, improved productivity

## EXTREME DUTY

Unstoppable, unmatched productivity

### Original Slicer

Fast, cool cutting, burr free



### Slicer-Plus

Fast cutting, long life, most versatile



### Ceramic Cutting

Extremely fast, longest life, toughest conditions, lowest total cost





### Type 1 and 27 Cutting Wheels

NOTE: Numbers in parenthesis ( ) are for when Type 27 wheel specs are different

**HEAVY DUTY**



| TYPE 1 Order # | TYPE 27 Order # | Size | Max. RPM | Pcs/Pkg |
|----------------|-----------------|------|----------|---------|
|----------------|-----------------|------|----------|---------|

#### Original - A60TZ - Steel / Stainless Steel

- Aluminum oxide wheel for steel and other ferrous metals. Extremely fast rate of cut. Good wheel life. Flexibility for flush cutting.

| TYPE 1 Order # | TYPE 27 Order # | Size                      | Max. RPM        | Pcs/Pkg  |
|----------------|-----------------|---------------------------|-----------------|----------|
| 655348000      |                 | 2 X .035 X 3/8            | 30,558          | 100      |
| 655316000      |                 | 3 X .040 X 1/4            | 25,000          | 100      |
| 655317000      |                 | 3 X .040 X 3/8            | 25,000          | 100      |
| 655358000      |                 | 3 X 1/16 X 1/4            | 25,000          | 100      |
| 655321000      |                 | 3 X 1/16 X 3/8            | 25,000          | 100      |
| 655322000      |                 | 4 X .040 X 1/4            | 22,000          | 50       |
| 655323000      |                 | 4 X .040 X 3/8            | 22,000          | 50       |
| 655324000      |                 | 4 X .040 X 5/8            | 22,000          | 50       |
| 655328000      |                 | 4 X 1/16 X 3/8            | 19,000          | 100      |
| 655330000      |                 | 4 X 1/16 X 5/8            | 19,000          | 100      |
| 655331000      | 655346000       | 4 1/2 x .040 (.045) x 7/8 | 15,000 (13,300) | 100 (50) |
|                | 655346421       | 4 1/2 x .045 x 5/8-11     | 13,300          | 50       |
| 655334000      | 655353000       | 5 x .040 (.045) x 7/8     | 12,225          | 50       |
| 655999000      |                 | 6 X .040 X 3/8            | 14,000          | 50       |
| 655338000      |                 | 6 X .040 X 5/8            | 10,200          | 50       |
| 655339000      | 655347000       | 6 x .040( .045) x 7/8     | 10,200          | 50       |
|                | 655347421       | 6 X .045 X 5/8-11         |                 | 50       |

**HEAVY DUTY**



#### Original - A30R - Steel

- Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.

| TYPE 1 Order # | TYPE 27 Order # | Size           | Max. RPM | Pcs/Pkg |
|----------------|-----------------|----------------|----------|---------|
| 655733000      |                 | 5 X 1/16 x 7/8 | 12,225   | 50      |

**HEAVY DUTY**



#### Long Life - A36XL / A60XL - Steel / Stainless Steel

- Engineered aluminum oxide wheel for long life in tough applications: thin wall pipe/tube, as well as solids.

| TYPE 1 Order #    | TYPE 27 Order #   | Size                      | Max. RPM        | Pcs/Pkg  |
|-------------------|-------------------|---------------------------|-----------------|----------|
| 655318000 (A36XL) |                   | 3 X 1/16 X 1/4            | 25,000          | 100      |
| 655320000 (A36XL) |                   | 3 X 1/16 X 3/8            | 25,000          | 100      |
| 616321000 (A36XL) |                   | 3 X 1/8 X 3/8             | 25,000          | 100      |
| 655325000 (A36XL) |                   | 4 X 1/16 X 1/4            | 19,000          | 100      |
| 655327000 (A36XL) |                   | 4 X 1/16 X 3/8            | 19,000          | 100      |
| 655329000 (A36XL) |                   | 4 X 1/16 X 5/8            | 19,000          | 100      |
| 655332000 (A60XL) | 655349000 (A60XL) | 4 1/2 x .045 (1/16) x 7/8 | 15,000 (13,300) | 100 (50) |
| 655335000 (A60XL) | 655355000 (A60XL) | 5 x .045 (1/16) x 7/8     | 12,225          | 50       |
| 655344000 (A60XL) | 655350000 (A60XL) | 6 x .045 (1/16) x 7/8     | 10,200          | 50       |
| 655342000 (A60XL) |                   | 6 X 1/16 X 5/8            | 10,200          | 25       |



## Type 1 and 27 Cutting Wheels

NOTE: Numbers in parenthesis ( ) are for when Type 27 wheel specs are different

**SUPER DUTY**



### Plus - A60TX - Steel / Stainless Steel

■ **Super Duty** performance on stainless steel applications. Premium zirconia proprietary blend.

| TYPE 1 Order # | TYPE 27 Order # | Size                  | Max. RPM        | Pcs/Pkg |
|----------------|-----------------|-----------------------|-----------------|---------|
| 655996000      |                 | 4 x .045 x 5/8        | 15,000          | 50      |
| 655997000      | 655351000       | 4 1/2 x .045 x 7/8    | 15,000 (13,300) | 50      |
|                | 655351421       | 4 1/2 x .045 x 5/8-11 | 13,300          | 50      |
| 655993000      | 655357000       | 5 x .045 x 7/8        | 12,225          | 50      |
| 655998000      | 655352000       | 6 x .045 x 7/8        | 10,200          | 50      |
|                | 655352421       | 6 x .045 x 5/8-11     |                 | 50      |

**SUPER DUTY**



### Super - A60XP - Steel / Stainless Steel

■ **Contaminant free**, **Super Duty** wheel for steel and stainless steel applications with a long wheel life.

| TYPE 1 Order # | TYPE 27 Order # | Size               | Max. RPM        | Pcs/Pkg |
|----------------|-----------------|--------------------|-----------------|---------|
| 655450000      |                 | 3 X .040 X 3/8     | 25,000          | 50      |
| 655451000      |                 | 3 X 1/16 X 3/8     | 25,000          | 100     |
| 655452000      |                 | 4 X .040 X 3/8     | 19,000          | 50      |
| 655994000      | 655897000       | 4 1/2 x .045 x 7/8 | 15,000 (13,300) | 50      |
| 655992000      | 655898000       | 5 x .045 x 7/8     | 12,225          | 50      |
| 655995000      | 655899000       | 6 x .045 x 7/8     | 10,200          | 50      |

## Ceramic Type 1 and 27 Cutting Wheels

Contaminant Free < 0.1% Iron, Sulfur and Chlorine



**EXTREME DUTY**



### M-Calibur - CA46U - Steel / Stainless Steel / High Tensile Alloy

■ **Contaminant free Extreme Duty** ceramic wheel for steel and stainless steel. Extremely long wheel life.

| TYPE 1 Order # | TYPE 27 Order # | Size               | Max. RPM | Pcs/Pkg |
|----------------|-----------------|--------------------|----------|---------|
| US616280000    | US616272000     | 4 1/2 X .045 X 7/8 | 13,300   | 25      |
| US616285000    |                 | 4 1/2 X 1/16 X 7/8 | 13,300   | 25      |
| US616284000    | US616274000     | 6 X .045 X 7/8     | 10,200   | 25      |
| US616287000    |                 | 6 X 1/16 X 7/8     | 10,200   | 25      |



## Type 1 and 27 Cutting Wheels for Aluminum

**SUPER DUTY**



### Plus-Alu - A46N - Aluminum

■ **Super Duty** speciality wheel for enhanced performance on aluminum.

| TYPE 1 Order # | TYPE 27 Order # | Size               | Max. RPM | Pcs/Pkg |
|----------------|-----------------|--------------------|----------|---------|
| 655811000      | 655821000       | 4-1/2 X .040 X 7/8 | 13,000   | 50      |
| 655812000      | 655822000       | 5 X .040 X 7/8     | 12,300   | 50      |
| 655813000      | 655823000       | 6 X .040 X 7/8     | 10,200   | 50      |
| 655814000      | 655824000       | 7 X .040 X 7/8     | 8,500    | 50      |

## Type 1 Cutting Wheels for Circular Saws

**HEAVY  
DUTY**



| Order #  | Size             | Max. RPM | Pcs/Pkg |
|--|------------------|----------|---------|
| <b>Original - A30S - Steel / Stainless Steel</b>   |                  |          |         |
| <ul style="list-style-type: none"> <li>Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.</li> </ul> |                  |          |         |
| 616333000  | 7 X 1/8 X 5/8 DM | 8,500    | 10      |



## Type 27 Cutting Wheels and Speciality Wheels

**HEAVY  
DUTY**



| Order #   | Size                  | Max. RPM | Pcs/Pkg |
|---|-----------------------|----------|---------|
| <b>Original - A30R - Steel</b>  |                       |          |         |
| <ul style="list-style-type: none"> <li>Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.</li> </ul> |                       |          |         |
| US616727000   | 4-1/2 X 3/32 X 7/8    | 13,300   | 25      |
| 655727000   | 4-1/2 X 3/32 X 5/8-11 | 13,300   | 25      |
| 655310000   | 5 X 3/32 X 5/8-11     | 12,300   | 25      |
| US616313000   | 6 X 1/8 X 7/8         | 10,200   | 25      |
| 655313000   | 6 X 1/8 X 5/8-11      | 10,200   | 25      |
| 655300000   | 7 X 1/8 X 5/8-11      | 8,500    | 10      |
| 616302000   | 9 X 1/8 X 7/8         | 6,600    | 10      |
| 655302000   | 9 X 1/8 X 5/8-11      | 6,600    | 10      |

**SUPER  
DUTY**



|  |                   |       |    |
|--|-------------------|-------|----|
| <b>Plus - A46TZ - Steel / Stainless Steel</b>  |                   |       |    |
| <ul style="list-style-type: none"> <li>Aluminum oxide general purpose wheel for steel and other ferrous metals. Aggressive cut. Excellent wheel life. Premium zirconia proprietary blend.</li> </ul> |                   |       |    |
| 655801000  | 7 X 1/16 X 7/8    | 8,500 | 10 |
| 655797000  | 9 X 1/16 X 7/8    | 6,600 | 10 |
| 655799000  | 9 X 1/16 X 5/8-11 | 6,600 | 10 |



### Type 27 Pipeline Grinding/Notching/Cutting Wheels

| Order # | Size | Max. RPM | Pcs/Pkg |
|---------|------|----------|---------|
|---------|------|----------|---------|

**HEAVY DUTY**



#### Long Life - A24T - Steel / Stainless Steel

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

|           |                      |        |    |
|-----------|----------------------|--------|----|
| 616281420 | 4-1/2 X 1/8 X 7/8    | 13,300 | 25 |
| 655281000 | 4-1/2 X 1/8 X 5/8-11 | 13,300 | 25 |
| 655287000 | 5 X 1/8 X 7/8        | 12,300 | 25 |
| 655288000 | 5 X 1/8 X 5/8"-11    | 12,300 | 25 |
| 655285000 | 6 X 1/8 X 7/8        | 6,600  | 10 |
| 655282000 | 7 X 1/8 X 5/8-11     | 8,500  | 10 |
| 655284000 | 9 X 1/8 X 5/8-11     | 6,600  | 10 |

**SUPER DUTY**



#### Plus-Z - ZA24T - Steel / Stainless Steel

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

|           |                      |        |    |
|-----------|----------------------|--------|----|
| 655792000 | 4-1/2 X 1/8 X 5/8-11 | 13,300 | 25 |
| 616794420 | 6 X 1/8 X 7/8        | 10,200 | 25 |
| 655794000 | 6 X 1/8 X 5/8-11     | 10,200 | 25 |
| 655795000 | 7 X 1/8 X 5/8-11     | 8,500  | 10 |



### Type 27 Combinator: Cutting & Grinding with the Same Wheel

| Order # | Size | Max. RPM | Pcs/Pkg |
|---------|------|----------|---------|
|---------|------|----------|---------|

**HEAVY DUTY**



#### Combinator - A46U - Steel/Stainless Steel

- Aluminum oxide, **contaminant free** for stainless steel and other ferrous metals. Extremely long wheel life, and fast cut.

|           |                    |        |    |
|-----------|--------------------|--------|----|
| 616500420 | 4-1/2 X 5/64 X 7/8 | 13,300 | 25 |
| 616501420 | 5 X 5/64 X 7/8     | 12,300 | 25 |
| 616502420 | 6 X 5/64 X 7/8     | 10,200 | 25 |



### Type 1 Cutting Wheels for Chop Saws

| Order # | Size | Max. RPM | Pcs/Pkg | Formula | Wheel |
|---------|------|----------|---------|---------|-------|
|---------|------|----------|---------|---------|-------|

**HEAVY DUTY**



#### Original - A24M

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

#### Original - A30P

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

#### Original Long Life - A30R

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

#### Original Long Life - A30S

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

|             |                                      |       |    |      |                    |
|-------------|--------------------------------------|-------|----|------|--------------------|
| 616340000   | 14 X 3/32 X 1                        | 4,300 | 10 | A24M | Original           |
| 655236000   | 14 X 3/32 X 1<br>Internal Reinforced | 4,300 | 10 | A30P | Original           |
| 616215000   | 16 X 3/32 X 1                        | 3,820 | 10 | A24M | Original           |
| 616337420   | 12 X 3/32 X 1                        | 5,100 | 10 | A30R | Original Long Life |
| 616146000   | 14 X 3/32 X 1                        | 4,300 | 10 | A30S | Original Long Life |
| US616338000 | 14 X 3/32 X 1                        | 4,300 | 10 | A30R | Original Long Life |

## Type 1 Cutting Wheels for High Speed Saws

**HEAVY  
DUTY**



| Order # | Size | Max. RPM | Pcs/Pkg | Formula | Wheel |
|---------|------|----------|---------|---------|-------|
|---------|------|----------|---------|---------|-------|

### Original - A24N

- Aluminum oxide wheels general purpose for steel and other ferrous metals. Fast rate of cut. Good wheel life.

### Original Long Life - A30S

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

### Original - C24N

- Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, plastic, etc. Fast rate of cut. Good wheel life.

### Plus - AC24R

- Aluminum oxide and Silicon carbide combination wheel specially formulated for ductile iron. Excellent rate of cut. Excellent wheel life. Smooth and chatter free cutting.

|             |                 |       |    |       |          |
|-------------|-----------------|-------|----|-------|----------|
| US616136000 | 12 X 1/8 X 20mm | 6,400 | 10 | A24N  | Original |
| 616159000   | 14 X 1/8 X 1    | 5,400 | 10 | C24N  | Original |
| 616140000   | 14 X 1/8 X 20mm | 5,460 | 10 | A24N  | Original |
| 616160000   | 14 X 1/8 X 20mm | 5,460 | 10 | C24N  | Original |
| 616149000   | 14 X 1/8 X 1    | 5,400 | 10 | AC24R | Plus     |
| 616142000   | 14 X 1/8 X 20mm | 5,460 | 10 | AC24R | Plus     |

655172000 Reduced bushing from 1" to 20mm

## Type 1 Cutting Wheels for Stationary Saws

**HEAVY  
DUTY**



| Order # | Size | Max. RPM | Pcs/Pkg | Formula | Wheel |
|---------|------|----------|---------|---------|-------|
|---------|------|----------|---------|---------|-------|

### Original - A30N

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

### Original Long Life - A30R

- Aluminum oxide wheels specially formulated for high powered tools to cut steel and other ferrous metals. Fast rate of cut. Longer wheel life.

### Original Long Life - A30S

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

### Plus - A30V

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

|           |               |       |    |      |                    |
|-----------|---------------|-------|----|------|--------------------|
| 616365000 | 20 X 3/16 X 1 | 4,800 | 5  | A30N | Original           |
| 616203000 | 14 X 1/8 X 1  | 4,400 | 10 | A30S | Original Long Life |
| 616366000 | 20 X 3/16 X 1 | 3,000 | 5  | A30R | Original Long Life |
| 616367000 | 20 X 3/16 X 1 | 3,000 | 5  | A30V | Plus               |

# Metabo Grinding Wheels



## HEAVY DUTY

Fast and reliable results

### Original

High removal rate



## SUPER DUTY

Longer life, improved productivity

### Plus-Z Grind

Aggressive high stock removal rate, long life, cool grinding, most versatile



## EXTREME DUTY

Unstoppable, unmatched productivity

### Ceramic M-Calibur

Extreme removal, longest life, lowest total cost





Available in a wide range of sizes; 3" to 9" diameter in Type 27 depressed center wheels.



### Type 27 Depressed Center Grinding Wheels Steel, Stainless Steel

| Order # | Size | Max. RPM | Pcs/Pkg |
|---------|------|----------|---------|
|---------|------|----------|---------|

**HEAVY DUTY**



#### Original - A24N - Steel

■ Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Good wheel life.

|             |                      |        |    |
|-------------|----------------------|--------|----|
| US616726000 | 4-1/2 X 1/4 X 7/8    | 13,300 | 25 |
| 655726000   | 4-1/2 X 1/4 X 5/8-11 | 13,300 | 25 |
| 655730000   | 5 X 1/4 X 5/8-11     | 12,300 | 25 |
| US616554000 | 6 X 1/4 X 7/8        | 10,200 | 25 |
| 655554000   | 6 X 1/4 X 5/8-11     | 10,200 | 25 |
| 616560000   | 7 X 1/4 X 7/8        | 8,500  | 25 |
| 655560000   | 7 X 1/4 X 5/8-11     | 8,500  | 10 |
| US616572000 | 9 X 1/4 X 7/8        | 6,600  | 25 |
| 655572000   | 9 X 1/4 X 5/8-11     | 6,600  | 10 |

**HEAVY DUTY**



#### Long Life - A24R - Steel

■ Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Long wheel life.

|           |                      |        |    |
|-----------|----------------------|--------|----|
| 616330000 | 4 X 1/4 X 5/8        | 15,300 | 25 |
| 616307000 | 4-1/2 X 1/4 X 7/8    | 13,300 | 25 |
| 655307000 | 4-1/2 X 1/4 X 5/8-11 | 13,300 | 25 |
| 616308000 | 5 x 1/4 x 7/8        | 12,300 | 25 |
| 655308000 | 5 X 1/4 X 5/8-11     | 12,300 | 25 |
| 616319000 | 6 X 1/4 X 7/8        | 10,200 | 25 |
| 655319000 | 6 X 1/4 X 5/8-11     | 10,200 | 25 |
| 616782000 | 7 X 1/4 X 7/8        | 8,500  | 10 |
| 655782000 | 7 X 1/4 X 5/8-11     | 8,500  | 10 |
| 655784000 | 9 X 1/4 X 5/8-11     | 6,600  | 10 |

**SUPER DUTY**



#### Plus-Z - ZA24T - Steel / Stainless Steel

■ Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.

|           |                      |        |    |
|-----------|----------------------|--------|----|
| 616785000 | 4-1/2 X 1/4 X 7/8    | 13,300 | 25 |
| 655785000 | 4-1/2 X 1/4 X 5/8-11 | 13,300 | 25 |
| 616787000 | 6 X 1/4 X 7/8        | 10,200 | 25 |
| 655787000 | 6 X 1/4 X 5/8-11     | 10,200 | 25 |
| 655788000 | 7 X 1/4 X 5/8-11     | 8,500  | 10 |
| 655789000 | 9 X 1/4 X 5/8-11     | 6,600  | 10 |



## Type 27 Grinding Wheels for Stainless Steel

Contaminant Free < 0.1% Iron, Sulfur and Chlorine

| Order # | Size | Max. RPM | Pcs/Pkg |
|---------|------|----------|---------|
|---------|------|----------|---------|

**SUPER  
DUTY**



### Super - A360 - Steel / Stainless Steel / High Tensile Alloy

- Contaminant free, Super Duty aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good stock removal. Good wheel life.

|             |                   |        |    |
|-------------|-------------------|--------|----|
| 616739000   | 4-1/2 x 1/4 x 7/8 | 13,300 | 25 |
| US616747000 | 5 x 1/4 x 7/8     | 12,300 | 25 |
| US616604000 | 6 X 1/4 X 7/8     | 10,200 | 25 |
| 655610000   | 7 X 1/4 X 5/8-11  | 8,500  | 10 |

**EXTREME  
DUTY**



### M-Calibur - CA46U - Steel / Stainless Steel / High Tensile Alloy

- Contaminant free, Extreme Duty ceramic wheel for steel and stainless steel. Extremely long wheel life.

|             |                      |        |    |
|-------------|----------------------|--------|----|
| US616290000 | 4-1/2 x 1/4 x 7/8    | 13,300 | 10 |
| US655290000 | 4-1/2 x 1/4 x 5/8-11 | 13,300 | 10 |
| US616291000 | 5 x 1/4 x 7/8        | 12,200 | 10 |
| US616292000 | 6 x 1/4 x 7/8        | 10,200 | 10 |
| US655292000 | 6 x 1/4 x 5/8-11     | 10,200 | 10 |



## Type 27 Specialty Grinding Wheels

Masonry, Aluminum

| Order # | Size | Max. RPM | Pcs/Pkg |
|---------|------|----------|---------|
|---------|------|----------|---------|

**HEAVY  
DUTY**



### Original - C24N - Masonry / Non-Ferrous

- Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. High stock removal. Good wheel life.

|           |                      |        |    |
|-----------|----------------------|--------|----|
| 616729000 | 4-1/2 x 1/4 x 7/8    | 13,300 | 25 |
| 655729000 | 4-1/2 X 1/4 X 5/8-11 | 13,300 | 25 |
| 616660000 | 7 X 1/4 X 7/8        | 8,500  | 25 |
| 655660000 | 7 X 1/4 X 5/8-11     | 8,500  | 10 |

**SUPER  
DUTY**



### Plus - A36M - Aluminum

- Aluminum oxide wheel formulated for aluminum grinding applications. Good stock removal. Good wheel life. Non clogging capability.

|           |                      |        |    |
|-----------|----------------------|--------|----|
| 655748000 | 4-1/2 X 1/4 X 5/8-11 | 13,300 | 25 |
| 616749000 | 5 x 1/4 x 7/8        | 12,300 | 25 |



## Type 11 Cup Wheels with Steel Backs for Angle Grinders



| Order # | Size | Max. RPM | Pcs/Pkg | Formula |
|---------|------|----------|---------|---------|
|---------|------|----------|---------|---------|

### A16Q

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

### C16N

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

### ZA16

- Zirconia alumina for aggressive stock removal and extra long wheel life grinding steel and stainless steel.

|           |                        |       |    |         |
|-----------|------------------------|-------|----|---------|
| 616341119 | 4 x 3 x 2 x 5/8-11     | 9,000 | 10 | A 16 Q  |
| 616342119 | 4 x 3 x 2 x 5/8-11     | 9,000 | 10 | C 16 N  |
| 616343119 | 5 x 4 x 2 x 5/8-11     | 7,200 | 10 | A 16 Q  |
| 616345119 | 6 x 4-3/4 x 2 x 5/8-11 | 6,000 | 10 | A 16 Q  |
| 616347119 | 6 x 4-3/4 x 2 x 5/8-11 | 6,000 | 10 | ZA 16 T |

## GUARDS



Cup wheel guard and flange for mounting 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders  
 Guards: **655174000** - 4<sup>7</sup>/<sub>5</sub>",  
**655178000** - 6".  
 Mounting flange **US90357006**



**623276000** Cup wheel guard for mounting 3 1/8" Type 6 cup wheels on 4 1/2" - 6" angle grinders

# Metabo Flap Discs and Resin Fiber Discs



## HEAVY DUTY

Fast and reliable results

Fast stock removal,  
one step blending  
and finishing



## SUPER DUTY

Longer life, improved productivity

Aggressive stock removal,  
long life, most versatile,  
one step blending  
and finishing,  
cool grinding



## EXTREME DUTY

Unstoppable, unmatched productivity

Extreme removal rate,  
longest life,  
lowest total cost



HEAVY DUTY

SUPER DUTY

EXTREME DUTY

# Flappers



**4-1/2"**

120 grit: special order, previous design

## Original Flapper

Fast stock removal, one step blending and finishing



- Steel / Stainless
- Ferrous metal
- High performance Zirconia blend
- Contaminant Free

| Grit | 7/8"      |           |      | 5/8"-11 (hubbed) |           |      |
|------|-----------|-----------|------|------------------|-----------|------|
|      | Type 29   | Type 27   | Pack | Type 29          | Type 27   | Pack |
| 40   | 629405000 | 629467000 | 10   | 629401000        | 629464000 | 5    |
| 60   | 629406000 | 629468000 | 10   | 629402000        | 629465000 | 5    |
| 80   | 629407000 | 629469000 | 10   | 629403000        | 629466000 | 5    |
| 120  | 623178000 |           | 10   | 656455000        |           | 5    |

## Flapper Plus

Aggressive stock removal, long life, most versatile, one step blending and finishing, cool grinding



- Steel / Stainless
- Heat sensitive material
- Glaze resistant
- Premium Zirconia and high flap density for increased performance and longer life
- Contaminant Free

| Grit | 7/8"      |           |      | 5/8"-11 (hubbed) |           |      |
|------|-----------|-----------|------|------------------|-----------|------|
|      | Type 29   | Type 27   | Pack | Type 29          | Type 27   | Pack |
| 36   | 629418000 | 629480000 | 10   | 629408000        | 629470000 | 5    |
| 40   | 629419000 | 629481000 | 10   | 629409000        | 629471000 | 5    |
| 60   | 629420000 | 629482000 | 10   | 629410000        | 629472000 | 5    |
| 80   | 629421000 | 629483000 | 10   | 629411000        | 629473000 | 5    |
| 120  | 656427000 | 656425000 | 10   | 656428000        | 656426000 | 5    |

## Flapper Plus **JUMBO**

Based on the flapper plus technology, this exceptional wheel contains 62% more flaps for unbeatable wheel life.



JUMBO vs. Standard

| Grit | 7/8"      |           |      | 5/8"-11 (hubbed) |           |      |
|------|-----------|-----------|------|------------------|-----------|------|
|      | Type 29   | Type 27   | Pack | Type 29          | Type 27   | Pack |
| 40   | 629431000 | 629490000 | 5    | 629425000        | 629487000 | 5    |
| 60   | 629432000 | 629491000 | 5    | 629426000        | 629488000 | 5    |
| 80   | 629433000 | 629492000 | 5    | 629427000        | 629489000 | 5    |
| 120  | 656429000 |           | 10   |                  |           |      |

## Ceramic Flapper

Highest performance, cool operation



- Hardened metals
- Stainless steel
- High tensile alloys
- Hastalloys
- Inconels
- Titanium
- Heat sensitive material
- Contaminant Free
- Ceramic Alumina

| Grit | 7/8"      |           |      |
|------|-----------|-----------|------|
|      | Type 29   | Type 27   | Pack |
| 40   | 629437000 | 629493000 | 10   |
| 60   | 629438000 | 629494000 | 10   |
| 80   | 629439000 | 629495000 | 10   |

## Flapper Plus **Trimable**



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629446000        | 5    |
| 60   | 629447000        | 5    |
| 80   | 629448000        | 5    |

## Ceramic Flapper **Trimable**



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629455000        | 5    |
| 60   | 629456000        | 5    |
| 80   | 629457000        | 5    |

**Trimable Flappers**

- Trimmable for longer life
- Increased flexibility of flap disc
- Integrated 5/8"-11 threading

**5"** Ceramic Flapper



| Grit | 7/8"      |      |
|------|-----------|------|
|      | Type 29   | Pack |
| 40   | 629440000 | 10   |
| 60   | 629441000 | 10   |
| 80   | 629442000 | 10   |

**Flapper Plus *Trimable***



| Grit | 5/8"-11 (Hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629449000        | 5    |
| 60   | 629450000        | 5    |
| 80   | 629451000        | 5    |

**Ceramic Flapper *Trimable***



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629458000        | 5    |
| 60   | 629459000        | 5    |
| 80   | 629460000        | 5    |

**6"** Flapper Plus



| Grit | 7/8"      |           |      | 5/8"-11 (hubbed) |           |      |
|------|-----------|-----------|------|------------------|-----------|------|
|      | Type 29   | Type 27   | Pack | Type 29          | Type 27   | Pack |
| 40   | 629422000 | 629484000 | 10   | 629412000        | 629474000 | 5    |
| 60   | 629423000 | 629485000 | 10   | 629413000        | 629475000 | 5    |
| 80   | 629424000 | 629486000 | 10   | 629414000        | 629476000 | 5    |
| 120  | 656433000 |           | 10   | 656437000        |           | 5    |

**Ceramic Flapper**



| Grit | 7/8"      |           | Pack |
|------|-----------|-----------|------|
|      | Type 29   | Type 27   |      |
| 40   | 629443000 | 629499000 | 10   |
| 60   | 629444000 | 629500000 | 10   |
| 80   | 629445000 | 629501000 | 10   |

120 grit: special order, previous design

**Flapper Plus *Trimable***



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629452000        | 5    |
| 60   | 629453000        | 5    |
| 80   | 629454000        | 5    |

**Ceramic Flapper *Trimable***



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629461000        | 5    |
| 60   | 629462000        | 5    |
| 80   | 629463000        | 5    |

**7"** Original Flapper



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629404000        | 5    |

**Flapper Plus**



| Grit | 5/8"-11 (hubbed) |           |      |
|------|------------------|-----------|------|
|      | Type 29          | Type 27   | Pack |
| 40   | 629415000        | 629477000 | 5    |
| 60   | 629416000        | 629478000 | 5    |
| 80   | 629417000        | 629479000 | 5    |

**Flapper Plus *JUMBO***

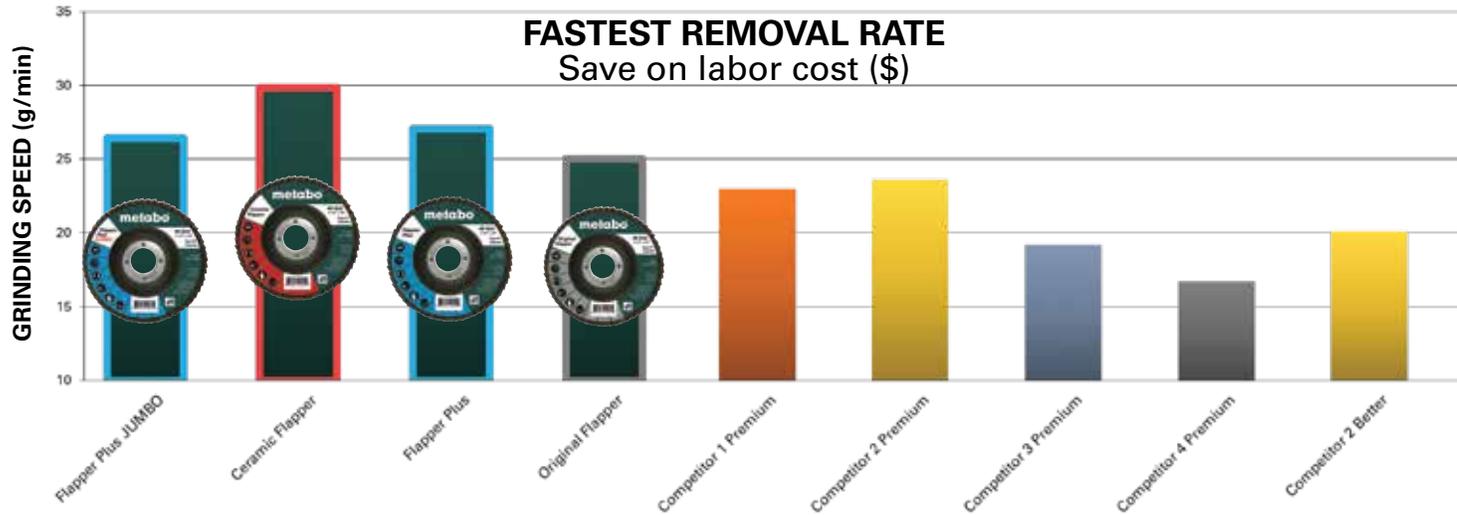
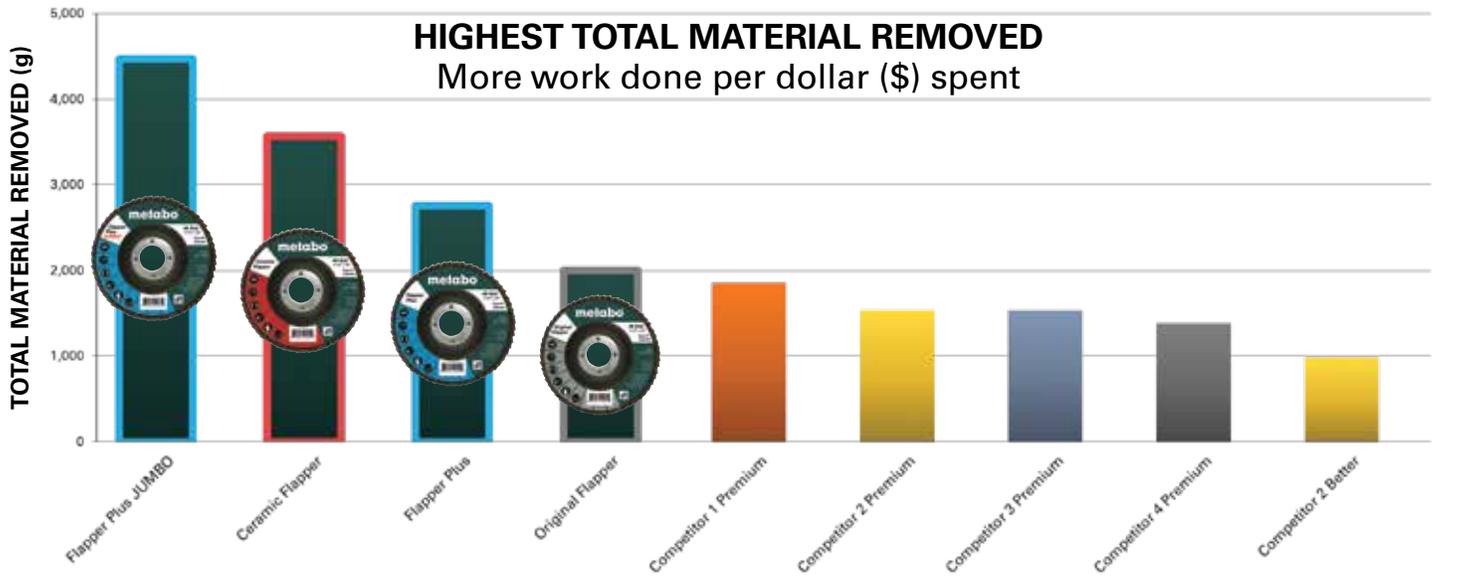


| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629428000        | 5    |
| 60   | 629429000        | 5    |
| 80   | 629430000        | 5    |

**Ceramic Flapper**



| Grit | 5/8"-11 (hubbed) |      |
|------|------------------|------|
|      | Type 29          | Pack |
| 40   | 629434000        | 5    |
| 60   | 629435000        | 5    |
| 80   | 629436000        | 5    |



## BOOST PERFORMANCE WITH METABO OPTIMIZED SYSTEMS

**HIGH POWERED METABO GRINDER**



+



**MADE IN GERMANY**

Use the **WP 12-115 Quick** 4-1/2" Angle Grinder with Metabo 4-1/2" Flappers for optimum performance

# SPEED-FLEX CERAMIC

Removal rate of a grinding wheel - Flexibility of a flap disc!

Aggressive like a grinding wheel with the flexibility and comfort of a flap disc. Improved surface quality results and blending. Extreme performance, fastest removal rate, lightweight, cool operation, reduced noise and dust during operation.

- Weld seam removal
- Mill-scale removal
- Beveling
- Hardened metals
- Stainless steel
- High tensile alloys
- Contaminant Free



**AVAILABLE SIZES: 4-1/2", 5", 6", 7"**



| 7/8"      |      |   | 5/8"-11 (hubbed) |      |  |
|-----------|------|---|------------------|------|--|
| Type 29   | Pack | Size (36 GRIT)                          | Type 29          | Pack | Size (36 GRIT)                             |
| 655833000 | 25   | 4 1/2" Speed-Flex 36 7/8 T29 Fiberglass | 655834000        | 10   | 4 1/2" Speed-Flex 36 5/8-11 T29 Fiberglass |
| 655837000 | 25   | 5" Speed-Flex 36 7/8 T29 Fiberglass     |                  |      |  |
| 655841000 | 25   | 6" Speed-Flex 36 7/8 T29 Fiberglass     | 655842000        | 10   | 6" Speed-Flex 36 5/8-11 T29 Fiberglass     |
| 655845000 | 25   | 7" Speed-Flex 36 7/8 T29 Fiberglass     | 655846000        | 10   | 7" Speed-Flex 36 5/8-11 T29 Fiberglass     |

### WHAT MAKES UP THE SPEED-FLEX?

- Disc label with all **product and safety information**
- 3 layers of fiberglass fabric for **more safety** during the grinding process
- Resin fiber for **aggressive material removal**

### SURFACE FINISH QUALITY

**GRINDING WHEEL**

**FLAP WHEEL**

**SPEED-FLEX**



## Resin Fiber Abrasives Discs - Closed Coat

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

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

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



Backing Pads

|                         | Disc Size   | Aluminum Oxide |                 | Zirconia Alumina |                     | Ceramic Grain |                 |
|-------------------------|-------------|----------------|-----------------|------------------|---------------------|---------------|-----------------|
|                         |             | Grit           | Slotted Order # | Grit             | Non-Slotted Order # | Grit          | Slotted Order # |
| 623283000<br>13,000 RPM | 4-1/2 x 7/8 | A16            | 624135000       | ZA16             |                     |               |                 |
|                         | 4-1/2 x 7/8 | A24            | 624136000       | ZA24             | 656350000           |               |                 |
|                         | 4-1/2 x 7/8 | A36            |                 | ZA36             | 656351000           | 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<br>12,000 RPM | 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       |                  |                     |               |                 |
| 623281000<br>8,500 RPM  | 7 x 7/8     | A24            | 624103000       |                  |                     |               |                 |
|                         | 7 x 7/8     | A36            |                 | ZA36             | 656361000           | CER36         | 626159000       |
|                         | 7 x 7/8     | A40            | 624104000       | ZA40             |                     |               |                 |
|                         | 7 x 7/8     | A50            | 624102000       |                  |                     |               |                 |
|                         | 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<br>6,600 RPM  | 9 x 7/8     | A24            | 624227000       |                  |                     |               |                 |
|                         | 9 x 7/8     | A36            |                 | ZA36             | 656366000           |               |                 |
|                         | 9 x 7/8     | A40            | 624228000       |                  |                     |               |                 |

Note: All sold in packs of 25 and backing pads with M14 arbor available.

### For Small Angle Grinders

|   | Steel Order# | Stainless Order# | Dia.   | Trim Length | Thread  | Wire         | Max RPM | Use on         | Pcs/Pkg |
|---|--------------|------------------|--------|-------------|---------|--------------|---------|----------------|---------|
|  | 655207000    |                  | 2-3/4" | 1"          | 5/8"-11 | .012 crimped | 14,000  | 4"-6" grinders | 1       |
|   | 623796000    | 623801000        | 2-3/4" | 3/4"        | M14-2.0 | .014 knotted | 12,500  | 4"-6" grinders | 1       |
|   |              | 623805000        | 2-3/4" | 3/4"        | 5/8"-11 | .014 knotted | 12,500  | 4"-6" grinders | 1       |
|   | 623804000    |                  | 2-3/4" | 3/4"        | 5/8"-11 | .020 knotted | 12,500  | 4"-6" grinders | 1       |
|   | 655200000    | 655201000        | 2-3/4" | 1"          | 5/8"-11 | .020 knotted | 14,000  | 4"-6" grinders | 1       |
|   | 655203000    |                  | 3-1/2" | 1-1/4"      | 5/8"-11 | .014 crimped | 12,000  | 4"-6" grinders | 1       |
|   |              | 655205000        | 3-1/2" | 1-1/4"      | 5/8"-11 | .014 knotted | 12,000  | 4"-6" grinders | 1       |
|   | 655202000    | 655204000        | 3-1/2" | 7/8"        | 5/8"-11 | .023 knotted | 13,000  | 4"-6" grinders | 1       |

|   | Steel Order# | Stainless Order# | Dia. x Face    | Trim Length | Thread  | Wire         | Max RPM | Use on           | Pcs/Pkg |
|---|--------------|------------------|----------------|-------------|---------|--------------|---------|------------------|---------|
|  | 655137000    | 655138000        | 4" x 3/16"     | 7/8"        | 5/8"-11 | .020 knotted | 20,000  | 4"-6" grinders   | 1       |
|   | 655136000    | 655221000        | 4" x 3/8"      | 7/8"        | 5/8"-11 | .020 knotted | 20,000  | 4"-6" grinders   | 1       |
|   | 655215000    |                  | 4" x 1/2"      | 7/8"        | 5/8"-11 | .014 knotted | 20,000  | 4"-6" grinders   | 1       |
|   | 655227000    |                  | 4" x 1/2"      | 7/8"        | 5/8"-11 | .014 crimped | 14,000  | 4"-6" grinders   | 1       |
|   | 655228005    | 655231005        | 4-1/2" x 3/16" | 13/16"      | 5/8"-11 | .020 knotted | 12,500  | 4.5"-6" grinders | 5       |
|   | 655229005    | 655232005        | 5" x 3/16"     | 7/8"        | 5/8"-11 | .020 knotted | 12,500  | 5"-6" grinders   | 5       |
|   | 655230005    | 655233005        | 5" x 1/2"      | 7/8"        | 5/8"-11 | .023 knotted | 12,500  | 5"-6" grinders   | 5       |

|   | Steel Order# | Stainless Order# | Dia. x Face | Trim Length | Thread  | Wire         | Max RPM | Use on         | Pcs/Pkg |
|---|--------------|------------------|-------------|-------------|---------|--------------|---------|----------------|---------|
|  | 655234000    | 655235000        | 4" x 3/8"   | 3/4"        | 5/8"-11 | .020 knotted | 12,500  | 4"-6" grinders | 1       |
|   | 626816000    |                  | 6" x 7/8"   | 3/4"        | 5/8"-11 | .020 knotted | 12,500  | 4"-6" grinders | 1       |

### For Large Angle Grinders

|   | Steel Order# |  | Dia. | Trim Length | Thread  | Wire         | Max RPM | Use on         | Pcs/Pkg |
|---|--------------|--|------|-------------|---------|--------------|---------|----------------|---------|
|  | 655209000    |  | 4"   | 1-3/8"      | 5/8"-11 | .014 crimped | 9,000   | 7"-9" grinders | 1       |
|   | 623765000    |  | 4"   | 1-1/8"      | 5/8"-11 | .023 knotted | 9,000   | 7"-9" grinders | 1       |
|   | 655211000    |  | 6"   | 1-1/4"      | 5/8"-11 | .014 crimped | 6,600   | 7"-9" grinders | 1       |
|   | 655210000    |  | 6"   | 1-3/8"      | 5/8"-11 | .023 knotted | 6,600   | 7"-9" grinders | 1       |

|   | Steel Order# | Stainless Order# | Dia. x Face    | Trim Length | Thread  | Wire         | Max RPM | Use on         | Pcs/Pkg |
|---|--------------|------------------|----------------|-------------|---------|--------------|---------|----------------|---------|
|  | 655134000    | 655218000        | 6" x 5/16"     | 1-3/8"      | 5/8"-11 | .023 knotted | 9,000   | 7"-9" grinders | 1       |
|   | 655133000    |                  | 6-7/8" x 3/16" | 1-1/4"      | 5/8"-11 | .020 knotted | 9,000   | 7"-9" grinders | 1       |





04



## Metal Solutions

- **Advanced solutions for metalworking; weld preparation, edge work, finishing, sharpening, drilling**
- **Systems for increasing your productivity with highest quality and performance, for lowest cost of operation**

# WELD PREP, EDGE PREP, BEVEL, CHAMFER AND RADIUS



Rotatable Battery Pack  
- For working in confined spaces

Detachable Dust Filter  
- Protects motor components from damage

Additional Cutting Guide  
- For increased precision of straight edges and perfect beveled corners

Patented One-Touch Controller  
- Tool free depth adjustment  
- Unmatched precision  
- Locked in depth settings



First cordless beveling tool for 45° chamfers up to 5/32" and radii 5/64" / 1/8"



LEARN MORE!

KFM 18 LTX 3 RF  
(5/32" capacity at 45°)  
(5/64", 1/8" radius)



## COMPACT BEVELING TOOLS



Used for 45° chamfers to 5/32 depth and radii of 5/64" and 1/8"



| Model                          | KFM 9-3 RF         | KFM 18 LTX 3 RF                                 |
|--------------------------------|--------------------|---|
| Order No.                      | 601751750          | 601754750 (5.5 AH LiHD Kit)<br>601754840 (Bare) |
| No-Load RPM                    | 4,500-11,500       | 7,000   |
| Rated Input Power/battery pack | 900W / 8.0A        | 18 V LiHD, 5.5 Ah                               |
| Max. chamfer height at 45°     | 5/32"              | 5/32"   |
| Possible radii                 | 5/64" and 1/8"     | 5/64" and 1/8"                                  |
| Depth setting index            | .004 increments    | .004 increments                                 |
| Type of edges                  | Chamfer and radius | Chamfer and radius                              |
| Cable length                   | 13'                | n/a   |

Includes: Torx 15 driver, 1.5mm hex key, 2 ea. 45° bevel and 5/64" / 1/8" radius carbide inserts

# COMPACT BEVELING TOOL ACCESSORIES



(DCMT II T 304)  
P/N: 623560000 - 45°

### Indexable Carbide Inserts

- Constructed of long life tungsten carbide
- Chamfer and radius versions
- Pack of 10



P/N: R2 (5/64"): 623561000  
P/N: R3 (1/8"): 623562000



P/N: 623566000

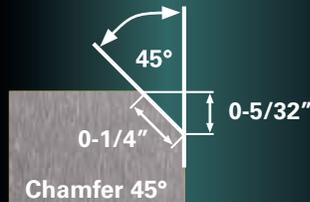
### Replacement Insert Screws

- Pack of 10

## VARIOUS APPLICATION AREAS

### Possible cutting shapes

Radii  
5/64" / 1/8"



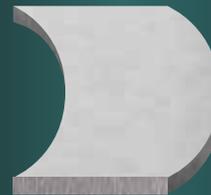
Chamfer 45°

### Possible edges/contours for compact beveling tools

**Chamfer or radius straight edges**  
Using cutting guide  
(min. thickness: 23 gauge)



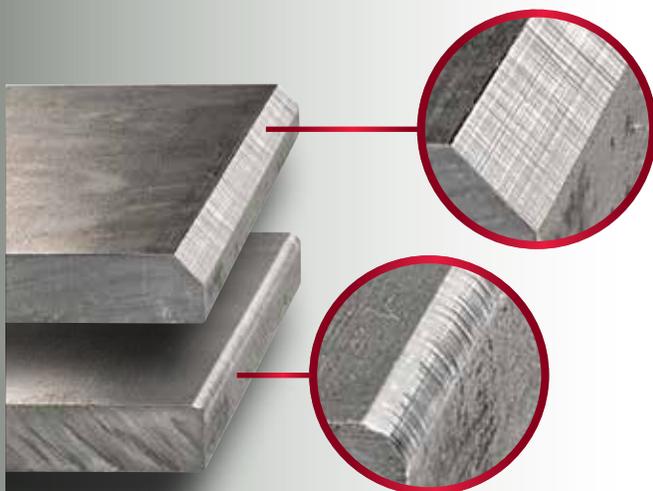
**Inside/outside curves**  
Chamfer or radius with guide bearing  
(min. thickness: 23 gauge)



**Inside holes/curves**  
Chamfer or radius internal holes with guide bearing  
(min. diameter 1/2")



## HIGH SURFACE QUALITY = PRECISE WORK RESULTS



With angle grinder



- Uniform surfaces for highest weld quality
- Edge breaking/deburring of sheet metal
- Perfect radii of edges for optimal paint/coating preparation

### Optimal paint/powder coating preparation

#### Processing of edges:

- Perfectly rounded edges
- Uniform coating thickness  
→ best protection from corrosion



#### Without edge processing:

- Increased risk of corrosion at corners



# BEVELING TOOLS

Patented One-Touch Controller  
 - Tool free depth adjustment  
 - Unmatched precision  
 - Locked in depth settings

13A / 1500 Watt LongLife Motor  
 - With integrated dust protection

Front Handle  
 - Tool free adjustable front handle

Deadman Switch and Safety Brake

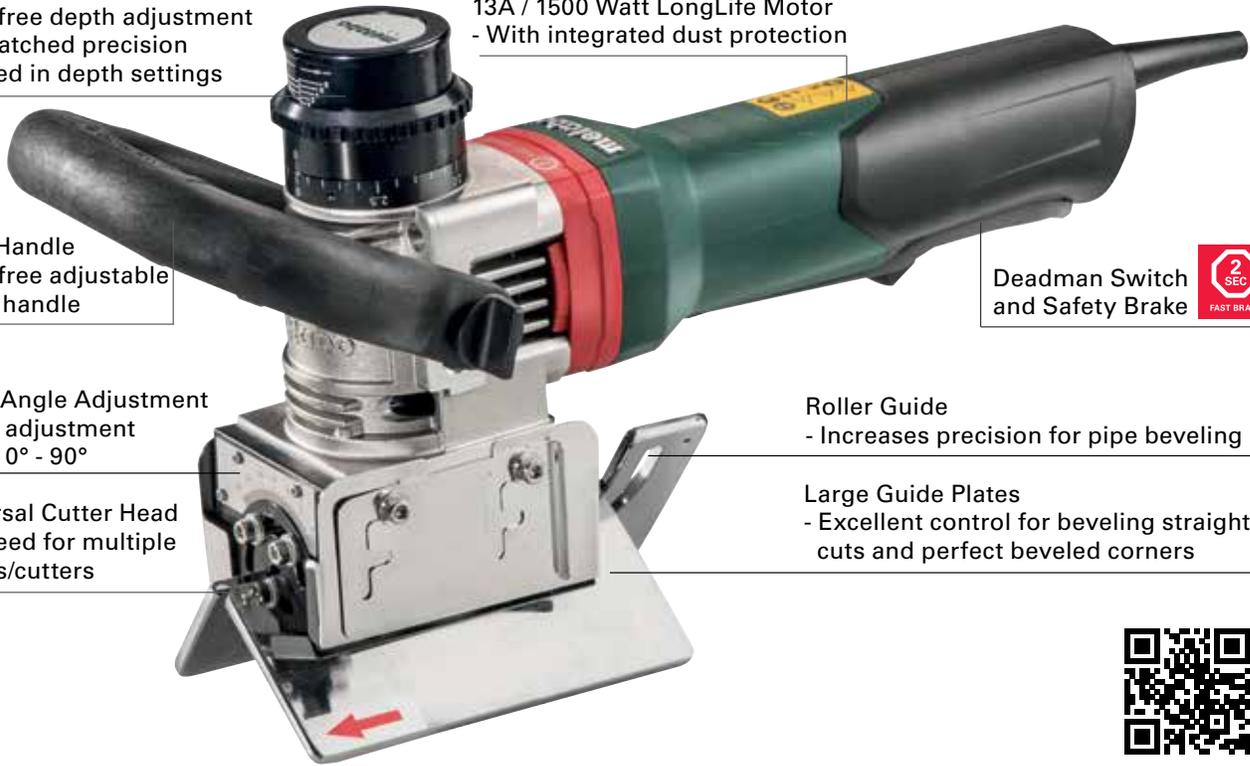


Bevel Angle Adjustment  
 - Easy adjustment from 0° - 90°

Roller Guide  
 - Increases precision for pipe beveling

Universal Cutter Head  
 - No need for multiple heads/cutters

Large Guide Plates  
 - Excellent control for beveling straight cuts and perfect beveled corners



**KFMPB 15-10 F**  
 (3/8" capacity at 45°)

**LEARN MORE!**



## BEVELING TOOLS FOR WELD SEAM PREPARATION



**KFM 15-10 F**

Used for bevel heights up to 3/8" at 45° for weld preparation



Paddle + Brake

**KFMPB 15-10 F**



**KFM 16-15 F**

Used for bevel heights up to 5/8" at 45° for weld preparation

| Models                            | KFM 15-10 F         | KFMPB 15-10 F       | KFM 16-15 F     |
|-----------------------------------|---------------------|---------------------|-----------------|
| Order No.                         | 601752620           | 601755620           | 601753620       |
| No-Load RPM                       | 7,800 - 12,200      | 12,500              | 12,000          |
| Rated input power                 | 1,500W /13A         | 1,500W /13A         | 1,550W / 14A    |
| Maximum bevel height at 45°       | 3/8"                | 3/8"                | 5/8"            |
| Depth setting index               | .004 increments     | .004 increments     | .004 increments |
| Bevel angle setting               | 0 – 90 degrees      | 0 – 90 degrees      | 0 – 90 degrees  |
| Cable length                      | 13'                 | 13'                 | 13'             |
| Tool weight (without power cable) | 10.8 lbs./11.2 lbs. | 10.8 lbs./11.2 lbs. | 15.2 lbs.       |

Includes:

Torx 15 driver, 4mm hex key, 10mm wrench,  
 3 SQ4 carbide inserts (623564000), roller guide for pipe

# LARGE BEVELING TOOL ACCESSORIES

QUICK AND SAFE BEVELING =

**MORE THAN  
70% LABOR SAVINGS!**



**5x more edges processed  
in the same period of time**

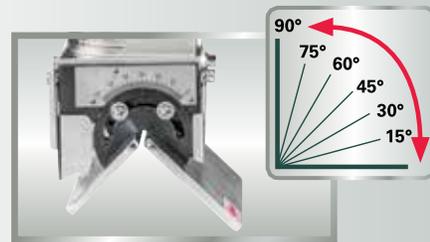
**VS.**

9" Angle Grinder



**Infinitely adjustable guide plates quickly adjust,  
saving time and money**

- One cutter head for all bevel angles 0 - 90 °
- No additional cutter heads required to achieve multiple angles
- Infinitely adjustable



## PRECISE CHAMFER ANGLES = OPTIMUM WELDING CONDITIONS

**More precise than an angle grinder**

- Creates clean surfaces without burrs, oxidation or blue discoloration due to heat generation
- The large surface guide plates maintain uniform chamfer angles and depth



## ACCESSORIES



P/N: 623564000  
(For Steel)



P/N: 623565000  
(For Stainless Steel)



P/N: 623559000  
(For Aluminum,  
Plastic and Soft  
Metals)



P/N: 623566000

### Indexable Carbide Inserts

- Longer life & fewer replacements are required
- Up to 600 linear feet using all 4 sides
- Pack of 10

### Replacement Insert Screws

- Pack of 10

# FINISHING AND POLISHING TOOLS



**CORDED**  
**4 1/2"-5" Angle Grinder**  
 WEV 17-125 Quick INOX



Backing pad  
not included

**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
 PE 15-20 RT



**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
 PE 15-30

| Model                                      | WEV 17-125 Quick INOX<br>600517420   |
|--|--|
| Electronics                                | Vario-tacho-constamatic (VTC)  |
| Electronic soft start feature              | •  |
| Electronic speed stabilization             | •  |
| Power interruption protection              | •  |
| Overload protection                        | •  |
| Motor                                      | LongLife   |
| Quick wheel change system                  | •  |
| Switch with lock on capability             | •  |
| Low profile aluminum die-cast gear housing | •  |
| Variable speed dial                        | •  |
| Burst-proof guard w/ 7 stops               | •  |
| Anti-vibration side handle                 | •  |
| Metabo safety slip clutch                  | •  |
| Auto-stop carbon brushes                   | •  |
| Winding protection grid                    | •  |
| Maximum torque                             | 37.2 inch lbs.   |
| Maximum wheel diameter                     | 5"   |
| No-load speed (RPM)                        | 2,000-7,600  |
| Amps                                       | 14.5   |
| Rated input watts                          | 1,550  |
| Arbor size                                 | 7/8"   |
| Spindle thread                             | 5/8"-11  |
| Carrying case                              | 344454180 (optional)   |
| <b>Standard equipment:</b>                 | MVT Vibratex side handle (314000970)<br>Wheel guard (339204500)<br>Inner flange (341031290)<br>Locking nut (316055450) |
| <b>Optional equipment:</b>                 | Detachable dust filter (630719000)   |

| Model   | PE 15-20 RT<br>615200420      | PE 15-30<br>615300420 |
|---|-------------------------------|-----------------------|
| Maximum pad diameter                                    | 7"                            | 7"                    |
| Double insulated  | •                             | •                     |
| Electronic features:                                    |                               |                       |
| Speed stabilization                                     | Vario-tacho-constamatic (VTC) |                       |
| Power interruption protection                           | •                             | •                     |
| Overload protection                                     | •                             | •                     |
| Soft start feature                                      | •                             | •                     |
| Restart protection                                      | •                             | •                     |
| Electronic winding temperature monitor with LED display | •                             | •                     |
| Winding protection grid                                 | •                             | •                     |
| Planetary gearing                                       | •                             | •                     |
| Variable speed controlled by adjusting dial             | •                             | •                     |
| Auto-stop carbon brushes                                | •                             | •                     |
| No-load speed (RPM)                                     | 300-1,900 RPM                 | 800-3,000 RPM         |
| Amps  | 13                            | 13                    |
| Rated input watts                                       | 1,500                         | 1,550                 |
| Spindle thread  | 5/8"-11                       | 5/8"-11               |
| Carrying case   |                               |                       |
| <b>Standard equipment:</b>                              |                               |                       |
| Side handle   | 314000540                     |                       |
| Loop handle   |                               | •                     |
| <b>Optional equipment:</b>                              |                               |                       |
| 5" soft backing pad                                     | 655141000                     | 655141000             |
| 5" medium backing pad                                   | 655129000                     | 655129000             |
| 5" hard backing pad                                     | 623298000                     | 623298000             |
| 7" hard backing pad                                     | 655143000                     | 655143000             |

See accessories page 99



**SCV 18 LTX BL 1.6**  
18V Cordless Shearer



**NIV 18 LTX BL 1.6**  
18V Cordless Nibbler

| Model<br>Bare Tool:        | SCV 18 LTX BL 1.6<br>601615840 | NIV 18 LTX BL 1.6<br>601614840 |
|----------------------------|--------------------------------|--------------------------------|
| Type of battery pack       | LiHD                           | LiHD                           |
| Battery voltage            | 18 V                           | 18 V                           |
| No-load strokes per minute | 1,350 - 4,840                  | 660 - 2,360                    |
| Max. material thickness    |                                |                                |
| - Mild steel               | 16 gauge                       | 1/16"                          |
| - Stainless steel          | 18 gauge                       | 3/64"                          |
| - Aluminum                 | 14 gauge                       | 14 gauge                       |
| Smallest curve radius      | 5/8"                           | 1 9/16"                        |
| Starting hole Ø            | 1"                             | 53/64"                         |
| Cutting track width        |                                | 13/64"                         |
| <b>Standard equipment:</b> | (2) Blades (630239000)         | Punch (630243000)              |
|                            | (2) Hexagon Wrenches           | Die (630247000)                |
|                            | Feeler gauge                   | Combination key                |
|                            | MetaLoc Case                   | MetaLoc Case                   |
| <b>Optional equipment:</b> |                                |                                |
| For med-high carbon steel  | 2 Blades<br>(630241000)        |                                |



**NEW**

**MT 18 LTX BL QSL**  
18V Multi-Tool



| Model<br>Bare Tool:             | Multi-Tool<br>613088840   |
|---------------------------------|---|
| Voltage                         | 18 V  |
| Length                          | 250 mm / 10"  |
| Electronics                     | VTC Electronics   |
| Weight                          | 2.6 lbs / 1,2 kg  |
| Oscillating angle               | 3.2°  |
| Oscillations per minute         | 8,000-20,000 opm  |
| Accessory compatibility         | Starlock®, StarlockPlus®  |
| Brushless motor                 | •   |
| Double LED Illumination         | •   |
| Tool-less magnetic blade change | •   |
| <b>Standard equipment:</b>      | Case, curved-tec<br>StarlockPlus® wood + metal blade<br>(626945000) |

**DEPTH STOP +  
DUST EXTRACTION**

**626943000**  
Depth stop + dust extraction

**SANDING PLATE**

**626944000**  
3-5/8" (93 mm)  
StarlockPlus® sanding plate

**StarlockPlus® SAW BLADES**

**626945000**  
1-1/4" x 2 3/8" (32 x 60 mm)  
StarlockPlus® plunge saw blade  
For wood+metal

**626946000**  
1-1/4" x 2 3/8" (32 x 60 mm)  
StarlockPlus® plunge saw blade  
For wood

**626947000**  
1-1/4" x 2" (32 x 50 mm)  
StarlockPlus® precision saw blade  
For wood

**626948000**  
1-1/4" x 2" (32 x 50 mm)  
StarlockPlus® plunge saw blade  
For metal

**626949000**  
1-1/2" x 2" (40 x 53 mm)  
StarlockPlus® saw blade  
For wood/abrasive

# DIE GRINDERS



**GP 400**  
25,000 RPM  
AC/DC Paddle Switch  
Die Grinder



**GE 710 Plus**  
10,000-30,500 RPM Die Grinder



**GE 950 G Plus**  
2,500-8,700 RPM  
High Torque Die Grinder



**GPA 18 LTX**  
25,000 RPM  
18V DC Paddle Switch Die Grinder



**GEP 710 Plus**  
10,000-30,500 RPM  
Paddle Switch Die Grinder



**GE P950 G Plus**  
2,500-8,700 RPM Paddle Switch  
High Torque Die Grinder



**GE 710 Compact**  
13,000-34,000 RPM  
Die Grinder



**GA 18 LTX G**  
6,000 RPM High Torque  
18V DC Die Grinder

| Model                                | GP 400<br>600453420 | GPA 18 LTX<br>600621860<br>Bare tool | GE 710<br>Compact<br>600615420 | GE 710 Plus<br>600616420 | GEP 710 Plus<br>600617420 | GA 18 LTX G<br>600639860<br>Bare tool | GE 950 G<br>Plus<br>600618420 | GEP 950 G<br>Plus<br>600627420 |
|--------------------------------------|---------------------|--------------------------------------|--------------------------------|--------------------------|---------------------------|---------------------------------------|-------------------------------|--------------------------------|
| Switch Type                          | Non-locking paddle  | Non-locking paddle                   | Slide locking                  | Slide locking            | Non-locking paddle        | Slide locking                         | Slide locking                 | Non-locking paddle             |
| Spindle lock - single wrench system  |                     | •                                    |                                | •                        | •                         | •                                     | •                             | •                              |
| Removable soft rubber grip           | •                   | •                                    |                                | •                        | •                         |                                       | •                             | •                              |
| Extended spindle                     | •                   | •                                    |                                | •                        | •                         | •                                     | •                             | •                              |
| High torque planetary gear reduction |                     |                                      |                                |                          |                           | •                                     | •                             | •                              |
| Motor                                | Heavy Duty          | Cordless                             | LongLife                       | LongLife                 | LongLife                  | Cordless                              | LongLife                      | LongLife                       |
| AC/DC Capability                     | AC/DC               | 18V DC                               | AC                             | AC                       | AC                        | 18V DC                                | AC                            | AC                             |
| Electronics                          |                     |                                      |                                |                          |                           |                                       |                               |                                |
| - Variable speed control             |                     |                                      | VC                             | VC                       | VC                        |                                       | VC                            | VC                             |
| - Electronic overload protection     |                     | •                                    | •                              | •                        | •                         | •                                     | •                             | •                              |
| - Power interruption protection      |                     | •                                    | •                              | •                        | •                         | •                                     | •                             | •                              |
| - Electronic safety stop             |                     | •                                    | •                              | •                        | •                         | •                                     | •                             | •                              |
| No-load speed (RPM)                  | 25,000              | 25,000                               | 13,000-34,000                  | 10,000-30,500            | 10,000-30,500             | 6,000                                 | 2,500-8,700                   | 2,500-8,700                    |
| Amps                                 | 3.5                 |                                      | 6.4                            | 6.4                      | 6.4                       |                                       | 8.5                           | 8.5                            |
| Rated input watts                    | 400                 |                                      | 710                            | 710                      | 710                       |                                       | 950                           | 950                            |
| Collet bore                          | 1/4"                | 1/4"                                 | 1/4"                           | 1/4"                     | 1/4"                      | 1/4"                                  | 1/4"                          | 1/4"                           |
| <b>Standard equipment:</b>           |                     |                                      |                                |                          |                           |                                       |                               |                                |
| Collet wrench 17mm                   | 344163990 (19mm)    | 344160400                            | 344160400                      | 344160400                | 344160400                 | 344160400                             | 344160400                     | 344160400                      |
| - 1/4" collet                        | 631949000           | 631949000                            | 630821000                      | 630821000                | 630821000                 | 630821000                             | 630821000                     | 630821000                      |
| Spindle wrench 13mm                  | 344164000           |                                      | 344164000                      |                          |                           |                                       |                               |                                |
| Side handle                          |                     |                                      |                                |                          |                           | 314001030                             | 314001030                     | 314001030                      |
| Soft rubber grip                     | 344099150           | 344099150                            |                                | 344099150                | 344099150                 |                                       | 344099150                     | 344099150                      |
| <b>Optional equipment:</b>           |                     |                                      |                                |                          |                           |                                       |                               |                                |
| - 1/8" collet                        | 631948000           | 631948000                            | 631948000                      | 631948000                | 631948000                 |                                       | 631948000                     | 631948000                      |
| Side handle                          | 631052000           | 631052000                            | 631052000                      | 631052000                | 631052000                 |                                       |                               |                                |

Non-woven



Standard

Interleaved

## Flap Wheels 1/4" Shank Mounted Style for Die Grinders

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

| 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      |

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

| 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       |

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

| 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       |

### DIE GRINDER ACCESSORIES



627354000 Bench Mount Stand For working with the flex shaft 627107000 Clamp For attaching 627354000 to work bench



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



628329000 Cage Mount System. For use with all Metabo Die Grinders. (For all except GE710)



655170000 Die Grinder Cut-off Wheel Guard. For use on GE710, GEP710, GE950, GEP950 & GP400) 655169000 Die Grinder Cut-off Wheel Guard. For use on GE700 and GE900 Plus die grinder. Always comply with OSHA/ANSI B7.1



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

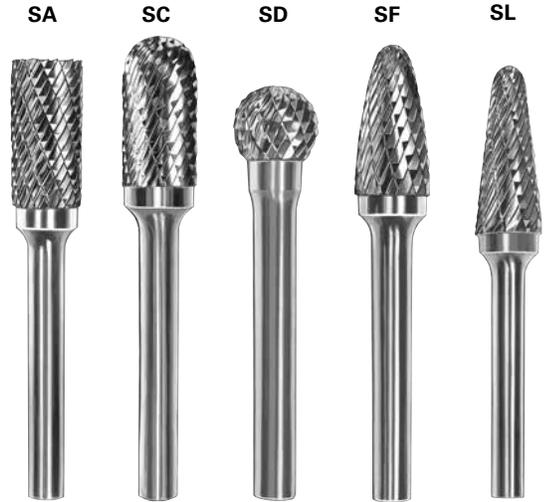
## Double Cut Carbide Burs For Drills, Hammer Drills and Die Grinders



- 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#    | Cutting 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.



## Wire End Brushes 1/4" Stem For Drills, Hammer Drills and 316064350s

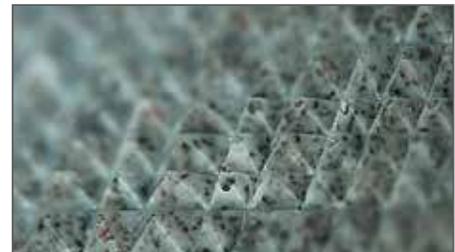
|  | Steel Order# | Stainless Order# | Dia. | Trim Length | Stem | Wire         | Max RPM | Pkg.   | Pcs/ Pkg |
|--|--------------|------------------|------|-------------|------|--------------|---------|--------|----------|
|  <p>crimped</p> | 655212000    | 655219000        | 1"   | 1-1/8"      | 1/4" | .020 crimped | 22,000  | Carded | 1        |
|  <p>knotted</p> | 655213000    |                  | 1"   | 3/4"        | 1/4" | .020 knotted | 22,000  | Carded | 1        |

## Crimped Wheels 1/4" Stem For Drills and Hammer Drills

|   | Steel Order# | Stainless Order# | Dia. | Trim Length | Stem | Wire         | Max RPM | Pkg.   | Pcs/ Pkg |
|---|--------------|------------------|------|-------------|------|--------------|---------|--------|----------|
|  | 655214000    | 655222000        | 3"   | 1"          | 1/4" | .014 crimped | 20,000  | Carded | 1        |

# STAINLESS STEEL FINISHING

**Metabo Pyramid: The perfect abrasive!**  
**Finest finish. Fastest finish.**



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

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



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



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

(tool does not include roller guide)



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



**CORDED**  
**Burnisher**  
SE 17-200 RT



**CORDLESS**  
**18V Burnisher**  
S 18 LTX 115

| Model                                       | SE 17-200 RT<br>602259620  |
|---|--|
| Double insulated                            | •  |
| Electronics                                 | Vario-tacho-constamatic (VTC)  |
| Motor                                       | LongLife   |
| Toolless wheel change system                | •  |
| Spindle lock                                | •  |
| Winding protection grid                     | •  |
| High performance planetary gears            | •  |
| Variable speed controlled by adjusting dial | •  |
| Auto-stop carbon brushes                    | •  |
| Maximum torque                              | 151 inch lbs.  |
| No-load speed (RPM)                         | 800-3,000  |
| Amps  | 14.5   |
| Rated input watts                           | 1,700  |
| Spindle thread                              | 5/8"-11  |
| Arbor Size                                  | 3/4" keyed   |
| Carrying case                               | 344453970 (standard)   |
| <b>Standard equipment:</b>                  | Case (344453120)<br>1 - Allen key (344161300)<br>1 - Expansion roll for grinding and polishing sleeves (623470000)<br>3 - P80 Sanding belt (623474000)<br>1 - P80 Flap wheel (623479000)<br>1 - 4" x 4" P180 interleaved (623485000)<br>1 - 4" x 4" P280 non-woven nylon wheel (623514000)<br>1 - Set of spacer rings (623511000)<br>1 - 3/4" Arbor complete (316052560) |
| <b>Optional equipment:</b>                  | 2" Spindle (626413000)   |

| Model<br>Bare Tool:             | S 18 LTX 115<br>600154850  |
|---------------------------------|--|
| Electronic clutch               | •  |
| Electronic overload protection  | •  |
| Switch with lock on capability* | •  |
| Power interruption protection   | •  |
| Electronic soft start           | •  |
| Spindle lock                    | •  |
| Rotatable battery pack          | •  |
| Detachable dust filter          | •  |
| Spindle thread                  | M14  |
| Arbor size                      | 3/4" keyed   |
| Max diameter of accessories     | 8"   |
| Max width of accessories        | 4"   |
| No-load speed (RPM)             | 3,000  |
| <b>Standard equipment:</b>      | M14 Arbor Complete (316052550)<br>Dust filter (343398890)<br>19 mm wrench (344161300)<br>Allen key (344161300) |



See burnisher accessories page 100



| Model   | RBE 15-180<br>602243620  |
|---|--|
| Electronics   | Vario-tacho-constamatic (VTC)  |
| LongLife motor  | •  |
| Switch with lock on capability                          | •  |
| Power interruption protection                           | •  |
| Spindle lock  | •  |
| Low profile aluminum die-cast gear housing              | •  |
| Variable speed dial                                     | •  |
| Ergonomic side handle                                   | •  |
| Electronic winding temperature monitor with LED display | •  |
| Auto-stop carbon brushes                                | •  |
| Winding protection grid                                 | •  |
| Electronic soft start feature                           | •  |
| Electronic speed stabilization                          | •  |
| Maximum pipe / tube dia.                                | 7"   |
| Dimensions of grinding belt                             | 1-1/2" x 30"   |
| Wrap angle (maximum)                                    | 270°   |
| No-load speed   | 1,650-5,512 ft./min  |
| Amps  | 13.5   |
| Rated input watts                                       | 1,550  |
| Carrying case   | 344453970 (standard)   |
| <b>Standard equipment:</b>                              | Side handle (316046590)  |
|   | 10 (pcs) Zirconia alumina sanding belts P80 (626306000)  |
|   | 2 (pcs) Pyramid sanding belts<br>P280/A65 (626312000)<br>P400/A45 (626313000)<br>P600/A30 (626314000)<br>P1200/A16 (626315000) |
|   | 3 (pcs) Non-woven medium (626320000)   |

| Model<br>Bare Tool:             | RB 18 LTX 60<br>600192850 |
|---------------------------------|---------------------------|
| Electronic clutch               | •                         |
| Electronic overload protection  | •                         |
| Switch with lock on capability* | •                         |
| Power interruption protection   | •                         |
| Electronic soft start           | •                         |
| Spindle lock                    | •                         |
| Rotatable battery pack          | •                         |
| Detachable dust filter          | •                         |
| Wheel/belt size                 | 1-3/16 x 21               |
| No-load speed (SFM)             | 1, 812                    |
| <b>Standard equipment:</b>      | Dust filter (343398890)   |
|                                 | Hex key (344161510)       |



See pipe tube sander accessories page 103



**CORDED**  
**Fillet Weld Grinder/Finisher**  
 KNSE 9-150



**CORDLESS**  
**18V Fillet Weld Grinder/Finisher**  
 KNS 18 LTX 150

| Model   | KNSE 9-150<br>602265620   |
|---|---|
| Electronics   | Vario-tacho-constamatic (VTC)   |
| Motor   | LongLife  |
| Switch with lock on capability                          | •   |
| Power interruption protection                           | •   |
| Spindle lock  | •   |
| Low profile aluminum die-cast gear housing              | •   |
| Variable speed dial                                     | •   |
| Adjustable guard  | •   |
| Ergonomic side handle                                   | •   |
| Electronic winding temperature monitor with LED display | •   |
| Auto-stop carbon brushes                                | •   |
| Winding protection grid                                 | •   |
| Electronic soft start feature                           | •   |
| Electronic speed stabilization                          | •   |
| No-load speed (RPM)                                     | 900-3,800   |
| Amps  | 8.5   |
| Rated input watts                                       | 950   |
| Wheel size / arbor                                      | 6" x 1"   |
| Spindle thread  | M14   |
| Carrying case   | 344453990 (standard)  |
| <b>Standard equipment:</b>                              | Side handle (316046590)<br>Wheel guard (339203590)<br>Flange set (316047400)<br>Hex wrench (344161510)<br>Spanner wrench (623934000)                  |
|   | 1 (pc) Fleece compact disc<br>(6" x 1/4" x 1", medium) (626402000)<br>(6" x 1/4" x 1", very fine) (626401000)<br>(6" x 1/8" x 1", medium) (626400000) |

| Model                           | KNS 18 LTX 150<br>600191850  |
|---------------------------------|--|
| <b>Bare Tool:</b>               |  |
| Electronic clutch               | •  |
| Electronic overload protection  | •  |
| Switch with lock on capability* | •  |
| Power interruption protection   | •  |
| Electronic soft start           | •  |
| Spindle lock                    | •  |
| Rotatable battery pack          | •  |
| Detachable dust filter          | •  |
| Spindle thread                  | M14  |
| Arbor size                      | 1"   |
| Wheel/belt size                 | 6" dia.  |
| Max diameter of accessories     | 6"   |
| No-load speed (RPM)             | 3,800  |
| <b>Standard equipment:</b>      | Dust filter (343398890)<br>Flange set (316047400)<br>Hex wrench (344161510)<br>Spanner wrench (623934000)<br>Side handle (316046590) |



See fillet weld grinder / finisher accessories page 104



**CORDED  
Band File  
BFE 9-20**



**CORDLESS  
18V Band File  
BF 18 LTX 90**

| Model                                      | BFE 9-20<br>602244620   |
|--|---|
| Electronics                                | Vario-constamatic (VC)  |
| Motor                                      | LongLife  |
| Quick belt change system                   | •   |
| Switch with lock on capability             | •   |
| Spindle lock                               | •   |
| Low profile aluminum die-cast gear housing | •   |
| Ergonomic side handle                      | •   |
| Metabo safety slip clutch                  | •   |
| Auto-stop carbon brushes                   | •   |
| Winding protection grid                    | •   |
| Sanding belt size                          | 1/4", 1/2", 3/4" x 18"  |
| No-load speed (SFM)                        | 2,087-3,937   |
| Amps                                       | 8.5   |
| Rated input watts                          | 950   |
| Useful length of grinding belt arm         | 3-1/2"  |
| Carrying case                              | 344453980 (standard)  |
| <b>Standard equipment:</b>                 | Side handle (316046590)   |
|  | 10 (pcs) Zirconia alumina sanding belts<br>1/4" x 18"<br>P60 (626345000)<br>P120 (626347000)<br>3/4" x 18"<br>P60 (626353000)<br>P120 (626355000) |
|  | 2 (pcs)<br>1/4" x 18" medium non-woven<br>(626384000)   |
|  | Grinding arm - for belt widths of<br>1/4" and 1/2" (626379000)<br>3/4" (626382000)  |
| <b>Optional equipment:</b>                 | (See page 105)  |

| Model<br>Bare Tool:             | BF 18 LTX 90<br>600321850                                      |
|---------------------------------|--|
| Electronic clutch               | •  |
| Electronic overload protection  | •  |
| Switch with lock on capability* | •  |
| Power interruption protection   | •  |
| Electronic soft start           | •  |
| Spindle lock                    | •  |
| Rotatable battery pack          | •  |
| Detachable dust filter          | •  |
| Wheel/belt size                 | 1/4", 3/8", 1/2" x 18"   |
| No-load speed (SFM)             | 1,576  |
| <b>Standard equipment:</b>      | Dust filter (343398890)  |
|                                 | Side handle (316046590)  |
|                                 | Grinding arm - for belt widths of<br>1/4" and 1/2" (626379000) |
| <b>Optional equipment:</b>      | (See page 105)   |



**Band File Accessories**

See band file accessories page 105

## Inox Angle Grinder 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 |
| 5"              | P 1200 (A 16) | 5       | 626403000 |
| 5"              | P 2000 (A 6)  | 5       | 626404000 |

### 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 |

### Stripping wheels



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

| Diameter inches | Grit   | Pcs/Pkg | Order #   |
|-----------------|--------|---------|-----------|
| 4.5" x 7/8"     | Medium | 1       | 624346000 |
| 5" x 7/8"       | Medium | 1       | 624347000 |

### 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 |

### Felt Flap Rolls



- Patented flap design made with 70% wool felt material. Designed to be used in combination with a rouge or compound that can produce a mirror surface finish. The flap construction increases flexibility and runs cooler, for overall better performance.

(Medium version: Flaps are slit lengthwise to create a mop effect. This increases the flexibility of the material for polishing irregular or contoured surfaces.)

| Diameter inches      | Version | Pcs/Pkg | Order #   |
|----------------------|---------|---------|-----------|
| 4-1/4" x 4" x 5/8-11 | Medium  | 1       | 656790000 |
| 4-1/4" x 4" x 5/8-11 | Fine    | 1       | 656791000 |

### Non-woven sinus wheel



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

| Diameter inches | Grit  | Order #   |
|-----------------|-------|-----------|
| 4" x 4"         | P 180 | 623567000 |

### 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 (brown)  | 2       | 623519000 |
| 4" x 4"         | Medium (maroon) | 2       | 623495000 |
| 4" x 4"         | Fine (blue)     | 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 |

## Burnisher Accessories

### 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 |

### 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

### Sisal polishing rings



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

Order # 623507000

### Polishing paste, white



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

Order # 623520000

### Polishing paste, brown



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

623522000

### Polishing paste, blue



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

623524000

### Steel-wire wheel brushes



- Ideal for removing rust, deburring and cleaning metal

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

### Stainless steel-wire wheel brushes



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

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

### Plastic wheel brushes



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

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

## Burnisher Accessories

**3 spacer rings**



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

**Order #**  
623511000

**Sanding belt driver**



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

**Order #**  
623529000

**Guard/Spindle Accessory**



- 2" Guard/Spindle accessory

**Order #**  
626413000

**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 x .20 Thick, self-adhesive

**Order #**  
626376000

## Pipe / Tube Belt Sander Accessories

### Aluminum oxide sanding belts



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

| RBE15-180<br>(Belt Size: 1-1/2" x 30) |           |         | RB18 LTX 60<br>(Belt Size: 1-3/16" x 21") |
|---------------------------------------|-----------|---------|---|
| Grit                                  | Order #   | Pcs/Pkg | Order #                                   |
| P 120                                 | 626300000 | 10      | 626279000                                 |
| P 180                                 | 626301000 | 10      | 626280000                                 |
| P 240                                 | 626302000 | 10      | 626281000                                 |
| P 320                                 | 626303000 | 10      | 626282000                                 |
| P 400                                 | 626304000 | 10      | 626283000                                 |

### Zirconia alumina sanding belts



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

| RBE15-180<br>(Belt Size: 1-1/2" x 30) |           |         | RB18 LTX 60<br>(Belt Size: 1-3/16" x 21") |
|---------------------------------------|-----------|---------|---|
| Grit                                  | Order #   | Pcs/Pkg | Order #                                   |
| P 60                                  | 626305000 | 10      | 626284000                                 |
| P 80                                  | 626306000 | 10      | 626285000                                 |
| P 120                                 | 626307000 | 10      | 626286000                                 |

### Ceramic grain sanding belts



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

| RBE15-180<br>(Belt Size: 1-1/2" x 30) |           |         | RB18 LTX 60<br>(Belt Size: 1-3/16" x 21") |
|---------------------------------------|-----------|---------|---|
| Grit                                  | Order #   | Pcs/Pkg | Order #                                   |
| P 60                                  | 626308000 | 10      | 626287000                                 |
| P 80                                  | 626309000 | 10      | 626288000                                 |
| P 120                                 | 626310000 | 10      | 626289000                                 |

### "Pyramid" sanding belts



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

| RBE15-180<br>(Belt Size: 1-1/2" x 30) |           |         | RB18 LTX 60<br>(Belt Size: 1-3/16" x 21") |
|---------------------------------------|-----------|---------|---|
| Grit                                  | Order #   | Pcs/Pkg | Order #                                   |
| P 120 (A 160)                         | 626311000 | 5       | 626290000                                 |
| P 280 (A 65)                          | 626312000 | 5       | 626291000                                 |
| P 400 (A 45)                          | 626313000 | 5       | 626292000                                 |
| P 600 (A 30)                          | 626314000 | 5       | 626293000                                 |
| P 1200 (A 16)                         | 626315000 | 5       | 626294000                                 |
| P 2000 (A6)                           | 626316000 | 5       | 626295000                                 |

### Non-woven nylon web belts



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

| RBE15-180<br>(Belt Size: 1-1/2" x 30) |           |         | RB18 LTX 60<br>(Belt Size: 1-3/16" x 21") |
|---------------------------------------|-----------|---------|---|
| Grit                                  | Order #   | Pcs/Pkg | Order #                                   |
| Coarse (brown)                        | 626319000 | 3       | 626296000                                 |
| Medium (maroon)                       | 626320000 | 3       | 626297000                                 |
| Very fine (blue)                      | 626322000 | 3       | 626298000                                 |

### Felt belt



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

| RBE15-180<br>(Belt Size: 1-1/2" x 30) |           |         | RB18 LTX 60<br>(Belt Size: 1-3/16" x 21") |
|---------------------------------------|-----------|---------|---|
| Grit                                  | Order #   | Pcs/Pkg | Order #                                   |
| Soft                                  | 626323000 | 1       | 626299000                                 |

### Polishing paste, white



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

Order #  
623520000

### Polishing paste, brown



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

623522000

### Polishing paste, blue



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

623524000

### Micro fiber cloth



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

Order #  
626398000

## Fillet Weld Grinder Accessories

### Compressed non-woven nylon discs - VKS



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

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

### Felt disc



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

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

### Micro-fiber cloth



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

**Order #**  
626398000

## Polisher Accessories

### Hook and loop backing pads



- Hook & loop-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 |

## Band File Accessories

### Aluminum oxide sanding belts



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

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

### Zirconia alumina sanding belts



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

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

### Ceramic grain sanding belts



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

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

### Non-woven nylon web bands



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

| Grit             | Pcs/Pkg | Order no.<br>1/4 x 18 | Order no.<br>1/2 x 18 | Order no.<br>3/4 x 18 |
|------------------|---------|-----------------------|-----------------------|-----------------------|
| Coarse (brown)   | 5       | 626383000             | 626387000             | 626391000             |
| Medium (maroon)  | 5       | 626384000             | 626388000             | 626392000             |
| Very fine (blue) | 5       | 626386000             | 626390000             | 626394000             |

### Sanding belt arms



- Suitable for sanding belts 1/4 x 18 in. and 1/2 x 18 in.
- For sanding narrow areas, weld seams, deburring edges
- Work on flat or curved surfaces

**Order #**  
626379000



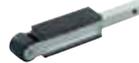
- Suitable for sanding belts 1/4 x 18 in.
- For sanding narrow areas, edges, deburring pipe and tube
- Work on flat surfaces

626380000



- Suitable for sanding belts 1/2 x 18 in.
- For sanding edges, deburring pipes, sanding welds
- Work on flat surfaces

626381000



- Suitable for sanding belts 3/4 x 18 in.
- For grinding edges and surfaces
- Work on flat surfaces

626382000

### Micro-fiber cloth



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

**Order #**  
626398000

# BENCH GRINDERS



**DS 150**  
6" Bench Grinder



**DS 175**  
7" Bench Grinder



**DS 200**  
8" Bench Grinder



**DSD 250**  
10" Bench Grinder

| Model                                   | DS 150<br>619150420          | DS 175<br>619175420          | DS 200<br>619200420             | DSD 250<br>619250420                  |
|---|------------------------------|------------------------------|---------------------------------|---------------------------------------|
| Magnetic switch with Restart protection |                              | •                            | •                               | •                                     |
| Toolless stamped steel tool rest        | •                            | •                            | •                               | •                                     |
| Steel guard, quick opening              | •                            |                              |                                 |                                       |
| Steel guard with dust collection port   |                              | •                            | •                               | •                                     |
| Maintenance free induction motor        | •                            | •                            | •                               | •                                     |
| Large toolless adjustable spark guards  | •                            | •                            | •                               | •                                     |
| Vibration absorbing rubber mounts       | •                            | •                            | •                               | •                                     |
| Maximum torque                          | 18 inch lbs.                 | 18 inch lbs.                 | 21 inch lbs.                    | 53 inch lbs.                          |
| Motor power                             | 120V, 60 Hz, single phase    | 120V, 60 Hz, single phase    | 120V, 60 Hz, single phase       | 120V, 60 Hz, single phase             |
| No-load speed (RPM)                     | 3,570                        | 3,570                        | 3,570                           | 1,780                                 |
| Amps                                    | 3.8                          | 3.7                          | 4.8                             | 7.5                                   |
| Rated input watts                       | 450                          | 500                          | 600                             | 900                                   |
| Arbor size                              | 1/2"                         | 1"                           | 1-1/4"                          | 1-1/4"                                |
| Tool weight                             | 22 lbs.                      | 32 lbs.                      | 36 lbs.                         | 74 lbs.                               |
| Shipping weight                         | 24 lbs.                      | 36.5 lbs.                    | 41 lbs.                         | 80 lbs.                               |
| Length                                  | 13.5"                        | 16"                          | 17.3"                           | 20.8"                                 |
| <b>Standard equipment:</b>              | Hex wrench                   | Hex wrench                   | Hex wrench                      | Hex wrench                            |
|   | 36 Grit wheel (6"x3/4"x1/2") | 36 Grit wheel (7" x 1" x 1") | 36 Grit wheel (8" x 1"x 1-1/4") | 36 Grit wheel (10" x 1-1/2" x 1-1/4") |
|   | 60 Grit wheel (6"x3/4"x1/2") | 60 Grit wheel (7" x 1" x 1") | 60 Grit wheel (8" x 1"x 1-1/4") | 60 Grit wheel (10" x 1-1/2" x 1-1/4") |

**BENCH GRINDER ACCESSORIES**

Floor Stand  
with storage slots and water cup.

**Order #**  
623867000

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

**Order #**  
623862000



**Wire Wheels for Bench Grinders**

|   | Steel Order# | Dia. x Face | Trim Length | Arbor     | Wire         | Max RPM | Pkg.  | Pcs/ Pkg |
|---|--------------|-------------|-------------|-----------|--------------|---------|-------|----------|
|  | 655216000    | 6" x 3/4"   | 1-1/4"      | 1/2"-5/8" | .014 crimped | 6,000   | Boxed | 1        |
|   | 655217000    | 8" x 3/4"   | 2-1/8"      | 5/8"      | .014 crimped | 6,000   | Boxed | 1        |



**CS 23-355**  
14" Chop Saw



Quick release adjustable vise adds versatility.

| Model  | CS 23-355<br>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 (externally accessible) | •                      |
| Durable steel base                               | •                      |
| Maximum vise open                                | 9 3/8"                 |
| Maximum cutting capacity                         |                        |
| - bar  | 2 1/2"                 |
| - pipe   | 5"                     |
| - section steel                                  | 4 1/2" x 5 1/8"        |
| No-load speed (RPM)                              | 4,100                  |
| Amps   | 15                     |
| Rated input watts                                | 2,300                  |
| Arbor size                                       | 1"                     |
| Vise angle (adjustable)                          | 0°-45°                 |
| Tool weight                                      | 38 lbs.                |
| Shipping weight                                  | 43 lbs.                |
| Standard equipment:                              | 344163520 wrench       |

### Type 1 Cutting Wheels for Chop Saws



| Order #   | Size                                 | Max. RPM | Pcs/Pkg | Formula | Wheel              |
|-----------|--------------------------------------|----------|---------|---------|--------------------|
| 616340000 | 14 X 3/32 X 1                        | 4,300    | 10      | A24M    | Original           |
| 655236000 | 14 X 3/32 X 1<br>Internal Reinforced | 4,300    | 10      | A30P    | Original           |
| 616215000 | 16 X 3/32 X 1                        | 3,820    | 10      | A24M    | Original           |
| 616337420 | 12 X 3/32 X 1                        | 5,100    | 10      | A30R    | Original Long Life |
| 616146000 | 14 X 3/32 X 1                        | 4,300    | 10      | A30S    | Original Long Life |



See cordless drills page 26



**BEV 1300-2**  
1/2" 2-Speed Drill



**BE 75-16**  
1/2" Triple Gear Reduction  
Drill High Torque

| Model   | BEV 1300-2<br>600574420   | BE 75-16<br>600580420   |
|---|---|---|
| Electronics   | Vario-tacho-constamatic   | Variospeed  |
| Aluminum die-cast gear housing                                | •   | •   |
| Gear-box  | 2-speed   | Triple gear reduction   |
| High torque, e.g. for use with auger bits up to 2" in dia.    |   | •   |
| Rubber coated comfort grip                                    | •   | •   |
| Safety non-slip side handle                                   | •   | •   |
| Reversing switch  | •   | •   |
| Chuck   | 1/2" Geared (635250000)   | 1/2" Geared (635250000)   |
| Metabo mechanical slip clutch                                 | •   | •   |
| Swivel cord connection  | •   |   |
| Auto-stop carbon brushes                                      | •   | •   |
| Winding protection grid                                       | •   | •   |
| Extra long, safety non-slip side handle                       | •   | •   |
| Switch locking catch, equally accessible to right & left hand |   | •   |
| Overload protection   | •   |   |
| Power interruption protection                                 | •   |   |
| Maximum tightening torque                                     | 390 inch lbs.   | 664 inch lbs.   |
| Capacity  |   |   |
| - in mild steel   | 5/8"  | 5/8"  |
| - in softwood   | 1 9/16"   | 2"  |
| No-load speed (RPM)   | 0-1,100/0-3,100   | 0-650   |
| Amps  | 9.6   | 6.7   |
| Rated input watts   | 1,100   | 750   |
| Chuck capacity  | 1/2"  | 1/2"  |
| <b>Standard equipment:</b>                                    | Chuck key (635167000)<br>Side handle (314001030)<br>1/2 geared chuck (63525000) | Chuck key (635167000)<br>Side handle (314001030)<br>1/2 geared chuck (63525000) |

# DRILL PRESSES

**CORDED  
MAG 32**  
1-1/4" Electromagnetic Drill Press



**CORDED  
MAG 50**  
2" Electromagnetic Drill Press



| Model                                     | MAG 32<br>600635620          | MAG 50<br>600636620                              |
|---|------------------------------|--|
| Vario tacho constamatic (VTC) electronics |                              | •  |
| LongLife motor                            | •                            | •  |
| Aluminum die-cast gear housing            | •                            | •  |
| 2-speed gear-box                          |                              | •  |
| LED Light illuminates drilling path       | •                            | •  |
| Variable speed dial                       |                              | •  |
| Reversing switch (for tapping)            |                              | •  |
| Electronic overload protection            |                              | •  |
| Power interruption protection             |                              | •  |
| Integrated coolant container              | •                            | •  |
| Maximum torque                            | 443 inch lbs.                | 797 inch lbs. / 443 inch lbs.                    |
| Capacity                                  |                              |  |
| - in mild steel w/ annual cutters         | 1-1/4"                       | 2"   |
| - in mild steel w/ solid bits             | 1/2"                         | 13/16"   |
| Maximum drilling depth                    | 2"                           | 2"   |
| Thread cutting                            | n/a                          | 5/8" Max.  |
| No-load speed (RPM)                       | 700                          | 100-250/200-450                                  |
| Amps                                      | 9                            | 11.9   |
| Rated input watts                         | 1,000                        | 1,200  |
| Bit retention                             | Weldon 3/4"                  | Morse taper MT2, Weldon 3/4"                     |
| Dimensions of magnetic base               | 3-9/16" x 7-1/2"             | 3-9/16" x 7-1/2"                                 |
| Stroke                                    | 6-5/16"                      | 6-5/16"  |
| Height at highest position                | 19"                          | 24"  |
| Height at lowest position                 | 13.3"                        | 18"  |
| Tool weight                               | 22.5 lbs.                    | 28 lbs   |
| Shipping weight                           | 30.5 lbs.                    | 36 lbs.  |
| Carrying case                             | 344453960 (standard)         | 344453960 (standard)                             |
| <b>Standard equipment:</b>                | Safety strap (341148140)     | Safety strap (341148140)                         |
|   | Allen wrench (344163630)     | Allen wrench (344163620)                         |
|   | Weldon 3/4" chuck            | MT2 drift key (642395000)                        |
|   | Centering pin 3" (626608000) | Weldon 3/4" industrial tool holder (316046240)   |
|   |                              | Centering pin 3" (626608000)                     |
|   |                              | Centering pin 4" (626609000)                     |
| <b>Optional equipment:</b>                |                              |  |
| Universal cutting spray                   | (626606000)                  | (626606000)                                      |
| Weldon 3/4" to 1/2" chuck adaptor         | (626611000)                  | (626611000)                                      |
| Adaptor for weldon to FEIN quick IN       | (626600000)                  | (626600000)                                      |
|   | Centering pin 3" (626608000) | Quick change weldon 3/4" tool holder (626604000) |



DRILL ACCESSORIES



**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"



**627256000 X3 Attachment**  
Multiplies torque by 3 times for tasks that demand more power. Fits the BS18 LTX BL Quick, BE1100 or BE75-16 with chucks removed.



**626611000 Weldon 3/4" to 1/2-20 Chuck Adaptor**  
Allows use of any chuck with 1/2-20 mounting threads.



**626600000 Adaptor for Weldon to FEIN Quick IN**



**626608000 Centering pin 3"**  
**626609000 Centering pin 4"**



**626604000 Quick change Weldon 3/4" tool holder**  
Toolless cutter change.



**Concrete / Stone Surface Prep**

**Masonry Cutting**

**Concrete / Masonry Drilling & Breaking**

**OSHA  
COMPLIANT**

See page 122-123 for vacuum and accessories



05



# Concrete & Masonry Solutions

- Full range of OSHA Compliant\* dustless solutions (tools, vacuum and shrouds)
- Specially designed systems to outperform the applications
- Powerful, light weight tools
- High torque for demanding applications
- Wide ranges of available accessories
- Ergonomically designed

\*CFR 1926.1153 for respirable crystalline silica

# METABO COMPLIANT SYSTEMS



**THE HEART OF THE DUSTLESS SYSTEM**  
**157 CFM, NO SUCTION LOSS WHEN IN SELF CLEANING MODE**

**MADE IN GERMANY**

Power dial: Adjust to provide tool with proper power/amp supply

Durable wheels: Large rear wheels. Front wheels swivel and can lock for ease of use

Electromagnetic cleaning process: Vacuum maintains suction while cleaning



- Mode selection dial
- Tool outlet: The vacuum starts and stops automatically when the tool is turned on/off
- Flip door release
- WET / DRY Capable
- Hose locking system: The vacuum can be pulled across the job site

**9** GALLON CAPACITY

**157** CFM AIRFLOW

**ACCESSORIES**

|   |                                     |                                    |  |  |                                  |
|---|-------------------------------------|------------------------------------|--|--|----------------------------------|
|   |                                     |                                    |  |  |                                  |
| Fleece Pre-filter Bags (5)<br>630343000 | PE Collection Bags (5)<br>630325000 | Paper Filter Bags (5)<br>631935000 | 1-1/2" x 13' Anti-static Suction Hose<br>631370000 | Standard Polyester Filter Set (2)<br>631934000 | HEPA filter set (2)<br>630326000 |

**TABLE 1 COMPLIANT**

**SURFACE GRINDING / PREPARATION**

|                |  |   |
|----------------|--|---|
|                |  |   |
| RFEV 19-125 RT | 5" Variable Speed Concrete Grinder<br>RSEV 19-125 RT | 5" Variable Speed Concrete Grinder<br>RSEV 17-125 Set |

**NEW**

**AUTO CLEAN VACUUM**

**157 CFM**

**ASR 35 ACP HEPA Auto-Clean HEPA Vacuum**  
602057800

**TABLE 1 COMPLIANT**

**CUTTING / SCORING / TUCKPOINTING / CHASING**

|  |  |                       |
|--|--|-----------------------|
|  |  |                       |
| 5" Concrete Cutter Set<br>T 13-125 CED Set | 5" TuckPoint Set<br>T 13-125 TuckPoint Set | Wall Chaser<br>MFE 40 |

**NEW**

# FLEXIBILITY FOR MEETING OSHA CFR 1926.1153

TABLE 1 COMPLIANT  
GRINDING / CUTTING / SCORING

## ANGLE GRINDERS



4 1/2" / 5" Angle Grinder  
W 1100-125



4 1/2" / 5" Angle Grinder  
WP 1100-125



**NEW**  
Electronic Variable Speed  
4 1/2" / 5" Angle Grinder  
WEV 11-125



Electronic Variable Speed  
4 1/2" / 5" Angle Grinder  
WEV 15-125 Quick



Electronic 5" Angle Grinder with  
Non-locking Paddle Switch, Brake,  
Auto-balance and Drop Secure  
WEPBA 17-125 Quick DS



Electronic Variable Speed  
6" Angle Grinder  
WEV 15-150 HT



Electronic Variable Speed  
4 1/2" / 5" Angle Grinder  
WEV 15-125 HT

## SHROUDS



GED Grinding  
Shroud  
626732000



5": For all current  
small professional  
angle grinders  
655153000



5" Clip-on Dustless  
Cutting Shroud  
630401000



CED 125 Plus Anti-Static Cutting  
Shroud with rolling guides  
626731000



Dustless Tuckpoint Guard  
Fits all professional angle grinders  
628216000

## AUTO-CLEAN VACUUM



157  
CFM



ASR 35 ACP HEPA  
Auto-Clean HEPA Vacuum  
602057800

TABLE 1 COMPLIANT  
DRILLING SOLUTIONS

## ROTARY HAMMERS



1" SDS-Plus Hammer  
KHE D-26



1 1/4" SDS-Plus Hammer  
KHA 36-18 LTX 32 (2x18V)



1 9/16" SDS-Max Hammer  
KH 5-40



1 9/16" SDS-Max Hammer  
KHEV 5-40 BL



1 3/4" SDS-Max Comb. Hammer  
KHEV 8-45 BL



2 1/16" SDS-Max Demolition /  
Chipping Hammer  
KHEV 11-52 BL

## EXTRACTORS

Dual suction chamber collects  
dust while allowing full suction  
to adhere to walls or ceilings.



630829000  
9/16" Dust extraction accessory  
Dustless drilling up to 9/16" dia.  
Model: DDE 14



631343000  
2-3/4" Dust extraction accessory  
Dustless drilling up to 2-3/4" dia.  
Model: DDE 72



623271000  
Dust extractor for drilling  
and chiseling  
Model: ESA Max

OBJECTIVE  
DATA



1" SDS-Plus Comb18V Hammer  
with integrated dust extraction  
KHA 18 LTX BL 24 + ISA 18 LTX  
1,200 RPM 4,500 BPM

Ask for  
objective  
data



9" Masonry Cutting Tool  
T 24-230 MVT CED  
6,600 RPM 15 Amps



Ask for objective data

7" Surface Prep Kit  
W 24-230 MVT with  
Dust Control Shroud  
6,600 RPM



# CONCRETE GRINDERS



**RFEV 19-125 RT**  
5" Variable Speed Concrete Scarifier



**RSEV 19-125 RT**  
5" Variable Speed Concrete Renovation Grinder



**RSEV 17-125 Set**  
5" Concrete Grinder Kit

| Model<br>w/Concrete Diamond Cup Wheel*       | RFEV 19-125 RT                           | RSEV 19-125 RT<br>US603825751                                      | RSEV 17-125 Set<br>603829620 (KIT) |
|--|--|--|------------------------------------|
| <b>Tool Only</b>                             | <b>603826760</b>                         | <b>603825750</b>   |                                    |
| Wheel diameter                               | 5"                                       | 5"   | 5"                                 |
| Motor  | LongLife high torque                     |  |                                    |
| Switch with lock-on capability               | •  | •  | •                                  |
| Electronics:                                 | Vario-tacho-constamatic (VTC)            | Vario-tacho-constamatic (VTC)                                      | Vario-tacho-constamatic (VTC)      |
| Power interruption protection                | •  | •  | •                                  |
| Electronic soft start                        | •  | •  | •                                  |
| Electronic overload protection               | •  | •  | •                                  |
| Metabo safety slip clutch                    |  | •  | •                                  |
| Floating brush ring                          | •  | •  |                                    |
| Aluminum die-cast "Turbo" dustless guard     | •  | •  |                                    |
| Near wall access                             | •  | •  | •                                  |
| <b>Heavy Duty</b> aluminum die-cast flange   | •  | •  | •                                  |
| 5 Position ergonomic, adjustable loop handle | •  | •  |                                    |
| Anti-vibration side handle                   |  |  | •                                  |
| No-load speed (RPM)                          | 750-3,100 RPM                            | 3,200-8,200  | 2,800-9,600                        |
| Amps   | 15.0                                     | 15.0   | 14.5                               |
| Rated input watts                            | 1,900                                    | 1,900  | 1,550                              |
| Arbor size                                   |  | 7/8"   | 7/8"                               |
| Spindle thread                               | M14                                      | 5/8"-11  | 5/8"-11                            |
| Carrying case (standard)                     | 344455160                                | 344455160  | 344455290                          |
| <b>Standard equipment:</b>                   |  |  |                                    |
| Vacuum adaptor                               | 630796000                                | 630796000  |                                    |
| 5 Position adjustable loop handle            | 343399690                                | 343399690  |                                    |
| MVT Vibratex side handle                     |  |  | 314000970                          |
| Additional brush ring                        | 628215000                                | 628214000  | 626733000                          |
| Scarifier head pointed stars                 | 628218000                                |  |                                    |
| Inner flange                                 |  | 341031290  | 341031290                          |
| Locking nut                                  |  | 341101480  | 341101480                          |
| Offset spanner wrench                        | 623910000                                | 623910000  | 623910000                          |
| 5" Concrete diamond cup wheel                |  | 628205000  | 628209000                          |
| Shroud                                       |  |  | 626732000                          |
| <b>Optional equipment:</b>                   | Scarifier head, offset stars (628219000) | Diamond cup whl for hard concrete (628205000)                      |                                    |
|  |  | Diamond cup whl for green concrete, abrasive materials (628206000) |                                    |
|  |  | PCD diamond cup wheel (628208000)                                  |                                    |

## CONCRETE ACCESSORIES



**628206000**  
Diamond cup wheel for green concrete



**628208000**  
PCD wheel (protective concrete coatings) for epoxies and sealants



**628205000**  
Universal diamond cup wheel for concrete



**628209000**  
For hard materials



**628218000**  
Milling head, pointed complete  
**628219000**  
Milling head, offset complete



**628270000**  
10 Milling stars, pointed  
**628271000**  
10 Milling stars, offset

# CONCRETE GRINDER AND SURFACE PREP KITS

**MADE IN GERMANY**

**Excellent Ergonomics:**  
Adjustable D-Handle for perfect control

**Turbo Airflow Design:**  
Cools and cleans spindle bearing for extended life

**Convertible Feature:**  
Flush grinding to the wall

**Spring mounted brush ring**  
Excellent handling on rough surfaces, longer brush life

**Powerful 15A Long Life Motor:**  
Soft start, overload protection, restart protection

**VTC Full Wave Electronics:**

- Work at customized speeds to suit the application material
- Speeds remain almost constant, even under load



**Excellent Ergonomics:**  
Rat tail with lock-on switch for extended grinding and reduced fatigue

Tool free depth control



LEARN MORE!

**RFEV 19-125 RT**  
5" Variable Speed Scarifier



**5" Surface Prep Kit**  
WEV 15-125 HT with Dust Control Shroud



with ASR 35 ACP  
(Ask for objective data)

**7" Surface Prep Kit**  
W 24-230 MVT with Dust Control Shroud

| Model Kit:   | WEV 15-125 with Dust Control Shroud<br>US600562800 | W 24-230 MVT with Dust Control Shroud<br>US606467800<br>USCA606467800 |
|--|--|---|
| Motor  | LongLife   | LongLife  |
| Switch w/ lock on capability                         | •  | •   |
| Side handle  | Vibration dampened                                 | Anti-vibration  |
| Auto-stop carbon brushes                             | •  | •   |
| Winding protection grid                              | •  | •   |
| Electronics features:                                |  |   |
| Speed stabilization                                  | VTC  |   |
| Power interruption protection                        | •  |   |
| Soft start feature                                   | •  |   |
| Overload protection w/ LED                           | •  |   |
| Maximum wheel diameter                               | 4 1/2" - 5"  | 7"  |
| No-load speed (RPM)                                  | 2,800-9,600  | 6,600   |
| Amps   | 13.5   | 15  |
| Rated input watts                                    | 1,550  | 2,400   |
| <b>Standard equipment:</b>                           |  |   |
| Side Handle  | 316046590  | 314000960   |
| Type 27 wheel guard                                  | 339204500  | 339203260   |
| Loop handle  |  | US630342000   |
| Handle bolt (2 req.)                                 |  | 141110390   |
| Convertible shroud                                   | 655153000  | 655154000   |
| Vacuum adaptor                                       | 630316000  | 630316000   |
| Universal wheel mounting kit for non threaded wheels |  | US90357031  |

## T 13-125 Tuck Point Kit

Tuck Point Kit



Side of guard opens for tuck-pointing 90 degree corners

**LongLife Motor with Winding Protection Grid**  
For quicker material removal and longer service life

**Rear Air Intake**  
Maximizes flow of cooling air, for increased protection from overheating and overload

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



Great line of sight so you can see your motor joint

**Tuck Point Guard**  
Dust extraction guard for quick removal of mortar joints

**MVT Vibrattech Handle**  
Reduces vibration by up to 60% compared to other handles. The risk of "White Finger Syndrome" caused by vibration exposure over the workers' lifespan is reduced considerably!

|  |                                |
|--|--------------------------------|
| <b>Model</b>                               | <b>T 13-125 Tuck Point Kit</b> |
| <b>Kit:</b> Tool, Shroud, 2 Diamond Wheels | <b>600431690</b>               |
| <b>Tool Only:</b>                          | <b>600431420</b>               |
| Maximum wheel diameter                     | 5"                             |
| Motor                                      | LongLife high torque           |
| AC/DC capability                           | •                              |
| Switch with lock-on capability             | •                              |
| Metabo safety slip clutch                  | •                              |
| Maximum Torque                             | 30.1 inch lbs.                 |
| Low profile aluminum die-cast gear housing | •                              |
| Heavy duty die-cast flange                 | •                              |
| Rotatable gear housing                     | •                              |
| Auto-stop carbon brushes                   | •                              |
| Winding protection grid                    | •                              |
| No-load speed (RPM)                        | 9,600                          |
| Amps                                       | 12.0                           |
| Rated input watts                          | 1,350                          |
| Arbor size                                 | 7/8"                           |
| Spindle thread                             | 5/8"-11                        |
| Dust Extraction port                       | 2-1/4"                         |
| <b>Standard equipment:</b>                 |                                |
| 2" to 2 1/4" Vacuum adaptor                | 316054000                      |
| Dustless tuck point guard                  | 628216000                      |
| 5" Turbo Sandwich Diamond Blade            | 624304000                      |
| Spanner wrench                             | 623934000                      |
| MVT Vibrattech side handle                 | 314000970                      |
| Inner flange                               | 341031290                      |
| Locking nut                                | 341101480                      |
| 1-1/4" Hose adapter for ASR 35 ACP HEPA    | 630316000                      |

See page 122-123 for vacuum and accessories

## T 13-125 CED Set

4 1/2"-5" Masonry Cutting/  
Scoring Tool  
with Guide Rollers



## T 24-230 MVT CED

9" Masonry Cutting Tool

## MFE 40

Wall Chaser



| Model  | T 13-125 CED Set<br>600431680 | T 24-230 MVT CED<br>600435620 |
|--|-------------------------------|-------------------------------|
| <b>Kit:</b> Tool, Shroud,<br>1 Diamond Wheel |                               |                               |
| <b>Tool Only:</b>                            | <b>600431420</b>              |                               |
| Maximum wheel diameter                       | 5"                            | 9"                            |
| Maximum cutting depth                        |                               |                               |
| without base plate                           | 1-1/16"                       | 2-3/8"                        |
| with base plate                              | 1"                            |                               |
| with guide rail                              | 25/32"                        |                               |
| Base plate size                              | 6-11/16" x 11-1/8"            |                               |
| Motor  | LongLife high torque          | LongLife high torque          |
| AC/DC capability                             | •                             | •                             |
| Switch with lock-on capability               | •                             | •                             |
| Metabo slip clutch                           | •                             |                               |
| Winding protection grid                      | •                             | •                             |
| Maximum torque                               | 30.1 inch lbs.                | 4.5 HP/150 in. lbs.           |
| Low profile aluminum die-cast gear housing   | •                             | •                             |
| Rotatable gear housing                       | •                             |                               |
| Auto-stop carbon brushes                     | •                             | •                             |
| Plunge function                              | •                             |                               |
| Removable base plate                         | •                             |                               |
| Toolless adjustable cutting depth            | •                             | •                             |
| Steel base plate                             | •                             | •                             |
| Steel base plate w/ guide rollers            | •                             | •                             |
| Ability to use with guide rail               | •                             |                               |
| Aluminum die-cast flange                     | •                             | •                             |
| No-load speed (RPM)                          | 9,600                         | 6,600                         |
| Amps   | 12.0                          | 15.0                          |
| Rated input watts                            | 1,350                         | 2,400                         |
| Arbor size                                   | 7/8"                          | 7/8"                          |
| Spindle thread                               | 5/8"-11                       | 5/8"-11                       |
| Dust extraction port                         | 35mm (1-3/8")                 | 35mm (1-3/8")                 |
| <b>Standard equipment:</b>                   |                               |                               |
| Shroud                                       | 626731000                     | US626752000                   |
| Concrete diamond cutting wheel               | 628112000 (5")                | 628116000 (9")                |
| Spanner wrench                               | 623934000                     | 623910000                     |
| Inner flange                                 | 341031290                     | 341031290                     |
| Locking nut with spacer                      | 316060150                     | 341212950                     |
| Side handle                                  | 314000970 (Anti-vibration)    | 314000280                     |
| Spacers                                      |                               | 341032380                     |

| Model                                 | MFE 40<br>604040620      |
|---------------------------------------|--------------------------|
| <b>Wall Chaser:</b>                   |                          |
| Maximum wheel diameter                | 5"                       |
| Motor                                 | LongLife high torque     |
| Switch with lock-on capability        | •                        |
| Power interruption protection         | •                        |
| Electronic soft start                 | •                        |
| Electronic overload protection        | •                        |
| Metabo slip clutch                    | •                        |
| Winding Protection Grid               | •                        |
| Adjustable Handle                     | •                        |
| Maximum Torque                        | 54 in lbs.               |
| No-load speed (RPM)                   | 5,000                    |
| Amps                                  | 15.0                     |
| Rated input watts                     | 1,700                    |
| Arbor size                            | 7/8"                     |
| Spindle thread                        | M14                      |
| Width of cut                          | 3/8", 5/8", 7/8", 1-1/8" |
| Adjustable depth of cut               | 3/8" to 1-9/16"          |
| Tool weight (including diamond wheel) | 10.1 lbs.                |
| Carrying case (standard)              | 344455860                |
| <b>Standard equipment:</b>            |                          |
| 5" Concrete diamond cutting wheel (2) | 628157000                |
| Offset spanner wrench                 | 623934000                |
| Spacer set                            | 341032380                |
| Clamping nut                          | 341212450                |
| Inner flange                          | 341212440                |
| Chisel                                | 344147650                |

### Guide Rails for T 13-125 CED

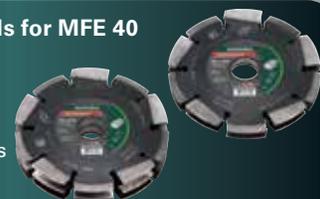
FS 80 #629010000  
FS 160 #629011000



### Diamond Channeling Wheels for MFE 40

Cuts 3/4" channel in one pass  
#628298000

Cuts 1-3/16" channel in one pass  
#628299000



See all guide rail accessories page 35

# POLISHERS



Backing pad  
not included

**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
PE 15-20 RT



**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
PE 15-30



**PWE 11-100**  
**Variable Speed High**  
**Torque Wet Polisher**

| Model   | PE 15-20 RT<br>615200420      | PE 15-30<br>615300420 |
|---|-------------------------------|-----------------------|
| Maximum pad diameter                                    | 7"                            | 7"                    |
| Double insulated  | •                             | •                     |
| Electronic features:                                    |                               |                       |
| Speed stabilization                                     | Vario-tacho-constamatic (VTC) |                       |
| Power interruption protection                           | •                             | •                     |
| Overload protection                                     | •                             | •                     |
| Soft start feature                                      | •                             | •                     |
| Restart protection                                      | •                             | •                     |
| Electronic winding temperature monitor with LED display | •                             | •                     |
| Winding protection grid                                 | •                             | •                     |
| Planetary gearing                                       | •                             | •                     |
| Variable speed controlled by adjusting dial             | •                             | •                     |
| Auto-stop carbon brushes                                | •                             | •                     |
| No-load speed (RPM)                                     | 300-1,900 RPM                 | 800-3,000 RPM         |
| Amps  | 13                            | 13                    |
| Rated input watts                                       | 1,500                         | 1,550                 |
| Spindle thread  | 5/8"-11                       | 5/8"-11               |
| Carrying case   |                               |                       |
| <b>Standard equipment:</b>                              |                               |                       |
| Side handle   | 314000540                     |                       |
| Loop handle   |                               | •                     |
| <b>Optional equipment:</b>                              |                               |                       |
| 5" soft backing pad                                     | 655141000                     | 655141000             |
| 5" medium backing pad                                   | 655129000                     | 655129000             |
| 5" hard backing pad                                     | 623298000                     | 623298000             |
| 7" hard backing pad                                     | 655143000                     | 655143000             |

| Model   | PWE 11-100<br>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                            | •                       |
| Motor   | LongLife                |
| 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.            |
| Backing pad size  | 4"-5"                   |
| No Load speed (RPM)                                     | 1,700-5,400             |
| Amps  | 9.6                     |
| Rated input watts                                       | 1,100                   |
| Spindle thread  | 5/8"-11                 |
| <b>Standard equipment:</b>                              | Loop handle (343399690) |
| <b>Optional equipment:</b>                              | Tool Bag (657006000)    |



Backing pad not included on above tools

# 4 1/2" VARIABLE SPEED ANGLE GRINDERS



**WEV 11-125**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-125 HT**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 1500-125 RT**  
5" Variable Speed Angle  
Grinder



**WEV 15-125 Quick**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-150 HT**  
Electronic Variable Speed  
6" Angle Grinder

| Model                              | WEV 11-125<br>603625420 | WEV 15-125 Quick<br>600468420 | WEV 15-125 HT<br>600562420 | WEV 1500-125 RT<br>601243420 | WEV 15-150 HT<br>600563420 |
|------------------------------------|-------------------------|-------------------------------|----------------------------|------------------------------|----------------------------|
| Maximum wheel diameter             | 4 1/2" - 5"             | 4 1/2" - 5"                   | 4 1/2" - 5"                | 4 1/2" - 5"                  | 6"                         |
| Amps                               | 11.0                    | 13.5                          | 13.5                       | 13.2                         | 13.5                       |
| Rated input watts                  | 1,000                   | 1,550                         | 1,550                      | 1,500                        | 1,550                      |
| No-load speed (RPM)                | 2,800-10,500            | 2,800-11,000                  | 2,800-9,600                | 3,500-11,000                 | 2,000-7,600                |
| Switch Type                        | Lock-on slide           | Lock-on slide                 | Lock-on slide              | Locking trigger              | Lock-on slide              |
| Motor                              | LongLife                | LongLife                      | LongLife                   | <b>Heavy Duty</b>            | LongLife                   |
| Metabo safety slip clutch          | •                       | •                             | •                          | •                            | •                          |
| Quick wheel change system          |                         | •                             |                            |                              |                            |
| Electronics features:              |                         |                               |                            |                              |                            |
| Speed stabilization                | VC                      | VTC                           | VTC                        | VTC                          | VTC                        |
| Power interruption protection      | •                       | •                             | •                          | •                            | •                          |
| Soft start feature                 | •                       | •                             | •                          | •                            | •                          |
| Overload protection w/ LED         | •                       | •                             | •                          | •                            | •                          |
| Rotatable gear housing             | •                       | •                             | •                          |                              | •                          |
| Burst-proof guard w/ 7 stops       | •                       | •                             | •                          | •                            | •                          |
| Vibration dampened side handle     | •                       |                               | •                          |                              | •                          |
| Side handle                        |                         | Anti-vibration                |                            | Ergonomic                    |                            |
| Auto-stop carbon brushes           | •                       | •                             | •                          | •                            | •                          |
| Winding protection grid            | •                       | •                             | •                          |                              | •                          |
| <b>Standard equipment:</b>         |                         |                               |                            |                              |                            |
| Type 27 wheel guard                | 339204500               | 339204500                     | 339204500                  | 339203490                    | 339204510                  |
| Side handle                        | 316046590               | 314000970                     | 316046590                  | 316046590                    | 316046590                  |
| Inner flange                       | 341031290               | 341031290                     | 341031290                  | 341031290                    | 341031290                  |
| Locking nut                        | 341101480               | 316055450                     | 341101480                  | 341101480                    | 341101480                  |
| Spanner wrench                     | 623934000               |                               | 623934000                  | 623934000                    | 623934000                  |
| <b>Optional equipment:</b>         |                         |                               |                            |                              |                            |
| Type 1 cutting guard (steel)       | US339203040             | US339203040                   | US339203040                |                              | US339203050                |
| Quick-clip on type 1 cutting guard | 630352000               | 630352000                     | 630352000                  | 630352000                    | 630353000                  |
| Dust filter                        |                         | 630709000                     | 630709000                  |                              | 630709000                  |

WILL NEVER LOSE SUCTION WHILE CLEANING!

**RATED #1**



**630174000**  
Rolling base trolley with locking casters for AS 18 PC HEPA cordless vacuum



**Auto Clean Wet/Dry Vacuum**

ASR 35 ACP  
#602057800 HEPA

**9** GALLON CAPACITY    **1400** WATTS / **11** AMPS    **157** CFM AIRFLOW

**Cordless Dry 74 CFM HEPA Vacuum**

AS 18 PC HEPA  
#602021860 (BARE)

**2** GALLON CAPACITY    **120** CFM AIRFLOW

**Model**  
**Auto Clean HEPA Vacuum:**

**ASR 35 ACP**  
**602057800**

|   |                        |
|---|------------------------|
| Automatic electromagnetic vibration filter cleaning | •                      |
| Stable design                                       | •                      |
| Extra large rear wheels                             | •                      |
| Integrated power outlet with autostart              | •                      |
| Power control                                       | •                      |
| 7 sec. run on prevents hose clogs                   | •                      |
| Airflow, CFM  | 157                    |
| Max. vacuum pressure mBar                           | 248                    |
| Filter surface inches <sup>2</sup> total            | 1333                   |
| Rated input watts/amps                              | 1400/11                |
| Container capacity                                  | 9 gallons              |
| Tool weight   | 33.1 lbs.              |
| <b>Standard:</b>                                    |                        |
| Suction hose 1-1/2" x 11.5 ft                       | 631362000              |
| PE collection bag                                   | 630325000              |
| HEPA Filter Set (washable)                          | 630326000              |
| <b>Optional:</b>                                    |                        |
| Transport handle                                    | 630311000              |
| Vacuum wand   | 630317000              |
| Crevice tool  | 630323000              |
| Floor tool  | 630321000 or 630329900 |
| PVC Filter Set (washable)                           | 631934000              |
| Adaptor for hose to 2-1/4" inlet                    | 630316000              |
| Paper dust bag 5pk                                  | 631935000              |
| Fleece pre-filter bag 5pk                           | 630343000              |



**Model**  
**Bare Tool:**

**AS 18 PC HEPA**  
**602021860**

|  |                       |
|--|-----------------------|
| Press clean: manual filter cleaning uses powerful air stream                   | •                     |
| Dual power setting: Eco-mode for extended run time. Boost for powerful suction | •                     |
| Non-slip rubber base   | •                     |
| Metaloc box, designed for stacking   | •                     |
| Capacity display   | •                     |
| Run time (with 8.0 Ah)   | 20 min / 40 min (ECO) |
| Airflow, CFM   | 74                    |
| Max. vacuum pressure mBar  | 120                   |
| Container capacity (dry pick-up)   | 2 gallons             |
| <b>Standard:</b>   |                       |
| Fleece bag   | 630173000             |
| Suction Hose   | 630171000             |
| Additional brush ring  | 628215000             |
| Floor nozzle   | 630320000             |
| Crevice tool   | 630323000             |
| <b>Optional:</b>   |                       |
| 5 Fleece Filter Bags   | 630173000             |
| Portable base w/locking casters  | 630174000             |
| HEPA Filter  | 630175000             |

SHROUDS

Dustless Convertible Shroud for concrete surface prep

**655154000**

7": For all current large professional angle grinders

**655153000**

5": For all current small professional angle grinders



**626732000**  
GED Grinding Shroud



**630401000**  
5" Clip-on Dustless Cutting Shroud



**626731000**  
CED 125 Plus Anti-Static Shroud with rolling guides



**628216000**  
Dustless Tuckpoint Guard. Fits all professional angle grinders



**US626752000**  
CED 230  
9" Dustless concrete cutting shroud fits Metabo 9" large grinders. **Professional series only**

BAGS AND FILTERS



**631934000**  
Standard Polyester Filter Set (2)

**630326000**  
HEPA filter set (2)



**630175000**  
HEPA Filter for AS 18 PC HEPA cordless vacuum



**630173000**  
Fleece Bag for Cordless HEPA vacuum, AS 18 PC HEPA



**630343000**  
Fleece Pre-filter Bags (5)



**630325000**  
PE Collection Bag (5)



**631935000**  
Paper Filter Bags (5)

DUST CONTROL ACCESSORIES



**630829000** 9/16" Dust extraction accessory  
Dustless drilling up to 9/16" dia. (model DDE 14)



**631343000** 2-3/4" Dust extraction accessory  
Dustless drilling up to 2-3/4" dia. (model DDE 72)



**623271000**  
Dust extractor for drilling and chiseling (model ESA Max)

HOSES



**631362000**  
1-1/2" x 11.5' Standard Hose included with ASR 35 ACP. Durable, crush proof, high quality



**631370000**  
1-1/2" x 13' Anti-static Suction Hose. Durable, crush proof, high quality



**630171000**  
1-1/8" x 10' Hose for AS 18 PC HEPA cordless vacuum



**630312000**  
2'-1/4" x 10' Hose for Large Machine applications, fits with 655154000, 655155000 Shrouds



**631751000**  
6' x 1 1/2" diameter and 2 1/4" vacuum connection for use with Sander

ADAPTORS



**630798000**  
Standard swivel rubber adaptor 35mm



**630796000**  
Hose adaptor for RSEV 19-125 RT, RFEV 19-125 RT, W 12-125 HD CED Plus, WE 15-125 HD GED



**630316000**  
Extraction Adaptor 35/58mm

ATTACHMENTS



**630317000**  
Wand



**630321000**  
Nozzle Set (3 piece)



**630245000**  
Upholstery Brush



**630314000**  
Plastic Suction Pipes 35mm



**630329000**  
Plastic Floor Nozzle



**630244000**  
Universal Brush



**630320000**  
Suction Nozzle 35mm X 120mm wide



**631363000**  
Metal Suction Pipes 35mm



**631940000**  
Metal Nozzle



**630324000**  
Rubber Nozzle



**630323000**  
Crevice (Grout) tool

# SDS-PLUS COMBINATION HAMMERS

## 1" SDS-Plus Combination Hammer

KHE D-26  
#601109420



## 1" 18V SDS-Plus Combination Hammer with Integrated Dust Collection

KHA 18 LTX BL 24 Quick + ISA 18 LTX  
#600211950 (w/Dust Extraction) 5.2 Ah Kit  
#600211900 (w/Dust Extraction) No batts.  
#600211850 Tool Only



Ask for objective data

**MADE IN GERMANY**



**KHA 18 LTX BL 24 + ISA 18 LTX**  
1" 18V SDS-Plus Combination Hammer  
with Integrated Dust Collection



**KHE D-26**  
1" SDS-Plus Combination  
Hammer



**KHE 3250**  
1 1/4" SDS-Plus  
Combination Hammer w/Rotostop



**KHA 36 LTX**  
1 1/4" 36V SDS-Plus  
Combination Hammer

| Model                                   | KHA 18 LTX BL 24 + ISA 18 LTX (18V) 600211950 (+ Dust Extraction) 5.2 Ah Kit       | KHE D-26 601109420 | KHE 3250 600637420 | KHA 36 LTX (36V) 600795520 5.2 Ah Kit<br>600795840 Tool Only |
|---|--|--------------------|--------------------|--|
|   | <b>KHA 18 LTX BL 24 + ISA 18 LTX (18V) (+ Dust Extraction) 600211900</b> No batts. |                    |                    | <b>KHA 36-18 LTX 32 (2x 18V) 600796840</b> Tool Only         |
|   | <b>600211850</b> Hammer Only   |                    |                    |  |
| Single blow energy (EPTA)               | 2.2 J  | 2.3 J              | 3.1 J              | 3.1 J  |
| Electronics                             | Vario-speed  | Vario-speed        | Vario-speed        | Vario-speed  |
| Motor                                   | Brushless 18V  | <b>Heavy Duty</b>  | Long Life          | Cordless 36V   |
| Max tightening torque (inch lbs.)       | 133  |                    |                    | 142  |
| Quick Chuck system                      | •  |                    |                    | •  |
| Rotation stop for chiseling operations  | •  | •                  | •                  | •  |
| Percussion stop for drilling only       | •  | •                  | •                  | •  |
| Aluminum die-cast gear housing          | •  | •                  | •                  | •  |
| Reversing switch                        | •  | •                  | •                  | •  |
| Metabo safety slip clutch               | •  | •                  | •                  | •  |
| Rubber coated handle                    | •  | •                  | •                  | •  |
| Auto-stop carbon brushes                | •  | •                  | •                  |  |
| Winding protection grid                 | •  | •                  | •                  | •  |
| Capacity                                |  |                    |                    |  |
| -in concrete using solid bits           | 1"   | 1"                 | 1-1/4"             | 1-1/4"   |
| -in brickwork using thin wall core bits | 2-1/2"   | 2-5/8"             | 3-1/4"             | 2-3/4"   |
| No-load speed (RPM)                     | 1,200  | 960                | 1,150              | 1,100  |
| No-load blows per minute (BPM)          | 4,500  | 5,400              | 4,470              | 4,500  |
| Amps                                    |  | 7.0                | 7.2                |  |
| Rated input watts                       |  | 800 W              | 800 W              |  |
| <b>Standard equipment:</b>              |  |                    |                    |  |
| Side handle                             | 314001140  | 631052000          | 314001380          | 314001380  |
| Depth gauge                             |  | 341511630          | 341511630          | 341511630  |
| Quick SDS-Plus chuck                    |  |                    |                    | 316047350  |
| Quick 3-jaw chuck                       |  |                    |                    | 316047500  |
| <b>Optional equipment:</b>              |  |                    |                    |  |
| Dust extraction adaptor                 |  | 630829000          | 630829000          | 630829000  |

## 2-1/16" SDS-Max Combination Hammer

KHEV 11-52 BL

#600767620



### S-Automatic Safety Clutch:

- Increased safety, predictable handling
- Helps to protect operator from kick back



### Internal Counterweight:

Absorbs shock energy for significantly less vibration



### 2 Modes:

Rotary Hammer  
Chipping Hammer



### MVT Vibratech Handle:

Reduces vibration by up to 60% compared to other handles



### Most Powerful BL Motor:

- Longest life
- Lowest maintenance



### VTC Full Wave Electronics:

- Work at customized speeds to suit the application material
- Speeds remain almost constant, even under load



Dust extractor for drilling and chiseling  
ESA Max #623271000

# SDS-MAX COMBINATION HAMMERS



**KH 5-40**  
1 9/16" SDS-Max  
Combination Hammer



**KHEV 8-45 BL**  
1 3/4" SDS-Max  
Combination Hammer



**KHEV 5-40 BL**  
1 9/16" SDS-Max  
Combination Hammer



**KHEV 11-52 BL**  
2 1/16" SDS-Max  
Combination Hammer



| Model                          | KH 5-40<br>600763620 | KHEV 5-40 BL<br>600765620 | KHEV 8-45 BL<br>600766620 | KHEV 11-52 BL<br>600767620 |
|--------------------------------|----------------------|---------------------------|---------------------------|----------------------------|
| Max. Single blow energy (EPTA) | 7.1 J                | 8.7 J                     | 12.2 J                    | 18.8 J                     |
| No-load Speed (RPM)            | 500                  | 350 / 500                 | 212 / 300                 | 190 / 270                  |
| No-load Impacts (BPM)          | 2,800                | 2,900                     | 2,900                     | 2,360                      |
| Amps                           | 10.0                 | 11.3                      | 14.8                      | 14.8                       |
| Rated Input Watt               | 1,100                | 1,100                     | 1,500                     | 1,500                      |
| Motor                          | Brushed              | Brushless                 | Brushless                 | Brushless                  |
| Gear Box                       | Aluminum             | Aluminum                  | Aluminum                  | Aluminum                   |
| Chipping Lock-on               |                      | •                         | •                         | •                          |
| Electronics                    |                      | VTC                       | VTC                       | VTC                        |
| Safety Slip Clutch             |                      | •                         | •                         | •                          |
| Variable Speed                 |                      | 2-speed (100%-70%)        | 2-speed (100%-70%)        | 2-speed (100%-70%)         |
| Capacity in concrete:          |                      |                           |                           |                            |
| -Solid Bits                    | 1-9/16"              | 1-9/16"                   | 1-3/4"                    | 2-1/16"                    |
| -Core Bits                     | 4-1/8"               | 4-1/8"                    | 5"                        | 6-5/16"                    |
| Length (inch)                  | 17.6                 | 19.2                      | 21.1                      | 23                         |
| Tool Weight (lbs)              | 15.7                 | 18.3                      | 22.3                      | 27.3                       |
| Featured accessory:            | ESA Max (623271000)  |                           |                           |                            |

# CHIPPING HAMMERS



**MHEV 5 BL**  
Chipping Hammer



**MHEV 11 BL**  
Chipping Hammer



| Model                          | MHEV 5 BL<br>600769620 | MHEV 11 BL<br>600770620 |
|--------------------------------|------------------------|-------------------------|
| Max. Single blow energy (EPTA) | 8.7 J                  | 18 J                    |
| No-load Impacts (BPM)          | 2,900                  | 2,100                   |
| Amps                           | 11.3                   | 14.8                    |
| Rated Input Watt               | 1,150                  | 1,500                   |
| Motor                          | Brushless              | Brushless               |
| Gear Box                       | Aluminum               | Aluminum                |
| Chipping Lock-on               | •                      | •                       |
| Electronics                    | VTC                    | VTC                     |
| Variable Speed                 | 2-speed                | 2-speed                 |
| Length (inch)                  | 19                     | 23                      |
| Tool Weight (lbs)              | 17.4                   | 27                      |

**Dust extractor for drilling and chiseling**  
ESA Max #623271000

**9/16" Dust Extraction Accessory**  
DDE 14 #630829000

Dust extraction accessory  
Dustless drilling up to 9/16" dia.

**2-3/4" Dust Extraction Accessory**  
DDE 72 #631343000

Dustless drilling up to 2-3/4" dia.

Dual suction chamber collects dust while allowing full suction to adhere to walls or ceilings.



**SBE 850-2**  
1/2" Hammer Drill



**SBE 650**  
1/2" Hammer Drill



**SBEV 1000-2**  
1/2" Hammer Drill



| Model                          | SBE 650<br>600671420  | SBE 850-2<br>600782620  | SBEV 1000-2<br>600783620  |
|--------------------------------|---|---|---|
| Electronics                    | Variospeed (V)  | Variospeed (V)  | Vario-tacho-constamatic (VTC)   |
| Motor                          | <b>Heavy Duty</b>   | LongLife  | LongLife  |
| Aluminum die-cast gear housing |   | •   | •   |
| Safety non-slip side handle    | •   | •   | •   |
| Gear-box                       | 1-speed   | 2-speed   | 2-speed   |
| Electronic soft start feature  |   | •   | •   |
| Power interruption protection  |   |   | •   |
| Maintenance reminder light     |   |   | •   |
| Swivel cord connection         |   | •   | •   |
| Reversing switch               | •   | •   | •   |
| Chuck                          | 1/2" Geared   | 1/2" Geared   | 1/2" Geared   |
| Metabo safety slip clutch      |   | •   | •   |
| Auto-stop carbon brushes       |   | •   | •   |
| Winding protection grid        |   | •   | •   |
| Maximum tightening torque      | 80 in. lbs.   | 319 in. lbs   | 354 in. lbs.  |
| Rubber coated handle           | •   | •   | •   |
| Capacity                       |   |   |   |
| - in concrete                  | 5/8"  | 3/4"  | 7/8"  |
| - in mild steel                | 1/2"  | 1/2"  | 5/8"  |
| - in softwood                  | 1-1/4"  | 1-1/2"  | 1-3/4"  |
| No-load speed (RPM)            | 0-2,800   | 0-1,100 / 0-3,100   | 0-1,000 / 0-2,800   |
| No-load blows per minute (BPM) | 44,800  | 58,900  | 53,200  |
| Amps                           | 6.0   | 7.7   | 9.0   |
| Rated input watts              | 650   | 850   | 1,000   |
| 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  |
| Standard Equipment:            | 1/2" chuck (635250000)<br>Side handle (631052000)<br>Depth gauge (341511630)<br>Chuck key (635167000) | 1/2" chuck (635250000)<br>Side handle (314001030)<br>Depth gauge (341511630)<br>Chuck key (635167000) | 1/2" chuck (635250000)<br>Side handle (314001030)<br>Depth gauge (341511630)<br>Chuck key (635167000) |
| Optional Equipment:            | Dust extraction kit (630829000)   | Dust extraction kit (630829000)   | Dust extraction kit (630829000)   |

# SDS-Max and SDS-Plus Carbide Bits

2-CUTTER

## PRO 4: FAST & EFFICIENT

**SUPER DUTY**

SDS-Plus bit diameters 5/32" - 5/8"

### Flute Design

- Patented design
- Multi-fluted spiral shaft
- Quickly removes concrete dust
- Longer bit life
- Increased impact power and speed due to reinforced core
- Reduces vibration



### Carbide Head

- Solid carbide tip
- Chisel shaped geometry with centering tip
- Improved speed
- Precise spot drilling on hard and soft surfaces
- Reduces wear on flutes
- Reinforced chamfers

### Application:

|                     |     |
|---------------------|-----|
| Concrete            | ☆☆☆ |
| Reinforced Concrete | ☆   |
| Natural Stone       | ☆☆  |
| Solid Brick         | ☆☆☆ |
| Limestone           | ☆☆  |

## CLASSIC: FAST & COST EFFECTIVE

**HEAVY DUTY**

SDS-Plus bit dia. 11/16" - 1"  
SDS-Max bit dia. 1/2" - 9/16"

### Flute Design

- Large spiral flutes
- Accurate drilling
- Flexible center core



### Carbide Head (SDS Max)

- Chisel shaped drill bit head
- Short head to flute entrance
- 130 degree strong carbide tip improves centering

### Application:

|               |     |
|---------------|-----|
| Concrete      | ☆☆☆ |
| Natural Stone | ☆☆  |
| Solid Brick   | ☆☆☆ |
| Limestone     | ☆☆  |

4-CUTTER

## ULTRA-X: LONG LIFE & DURABILITY

**EXTREME DUTY**

SDS-Plus bit diameters 3/16" - 9/16"

### Flute Design

- Dissipates vibration and concentrates impact on carbide cutter
- Multi-fluted spiral shaft
- Low vibration
- Large volume flute
- High quality alloy steel



### Carbide Head: (SDS Plus)

- Solid carbide 4 cutter head
- Centering point power breaker
- Up to 50% more carbide tip for precise drilling and hole guides
- Precision 4 x 90° ensures perfect round holes
- Secondary cutters improve speed and support
- Chamfered carbide tipped profile stops bits from seizing up when hitting rebar

### Application:

|                     |     |
|---------------------|-----|
| Concrete            | ☆☆☆ |
| Reinforced Concrete | ☆☆  |
| Natural Stone       | ☆☆☆ |
| Solid Brick         | ☆☆  |
| Limestone           | ☆☆  |

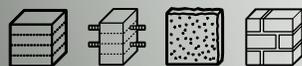
## PRO 4: LONG LIFE, DURABILITY, BEST REBAR PERFORMANCE

**SUPER DUTY**

SDS-Plus bit dia. 5/8" - 1 1/4"  
SDS-Max bit dia. 5/8"-2"

### Flute Design

- Dissipates vibration and concentrates impact on carbide cutter
- Patented design
- Multi-fluted spiral shaft and large volume flute
- Lowest vibration
- High quality alloy steel



### Carbide Head (SDS Max)

- Solid carbide tip
- Centering point
- Up to 50% more carbide tip for precise drilling and hole guides
- Precision 4 x 90° ensures perfect round holes
- Secondary cutters improve speed and support
- Chamfered carbide tipped profile stops bits from seizing up when hitting rebar

### Application:

|                     |     |
|---------------------|-----|
| Concrete            | ☆☆☆ |
| Reinforced Concrete | ☆☆☆ |
| Natural Stone       | ☆☆☆ |
| Solid Brick         | ☆☆  |

# SDS-PLUS AND SDS-MAX SHANK DRILL BITS

| SDS plus | Drilling Dia. (inches) | Drilling Depth (inches) | Total Length (inches) | 2-Cutter  | Bulk      | Qty for Bulk | 4-Cutter  |
|----------|------------------------|-------------------------|-----------------------|-----------|-----------|--------------|-----------|
|          |                        |                         |                       |           |           |              |           |
|          | 5/32                   | 2                       | 4                     | 674505000 | 676276000 | 25           |           |
|          | 5/32                   | 4                       | 6                     | 674605000 | 674652000 | 25           |           |
|          | 3/16                   | 2                       | 4                     |           | 676277000 | 25           | 674840000 |
|          | 3/16                   | 4                       | 6                     | 674606000 | 674656000 | 25           | 674841000 |
|          | 3/16                   | 6                       | 8                     | 676127000 | 676278000 | 25           | 674842000 |
|          | 3/16                   | 8                       | 10                    | 676147000 |           |              | 674843000 |
|          | 3/16                   | 10                      | 12                    |           |           |              | 674844000 |
|          | 3/16                   | 12                      | 14                    | 676148000 | 676148100 | 25           |           |
|          | 3/16                   | 14                      | 16                    | 676507000 |           |              |           |
|          | 7/32                   | 2-1/4                   | 4-1/4                 | 674507000 |           |              |           |
|          | 7/32                   | 4-1/4                   | 6-1/4                 | 676132000 | 676279000 | 25           |           |
|          | 7/32                   | 6-1/4                   | 8-1/4                 | 676129000 | 676129100 | 25           |           |
|          | 7/32                   | 9                       | 11                    | 676130000 | 676130100 |              |           |
|          | 7/32                   | 12                      | 14                    | 676149000 |           |              |           |
|          | 7/32                   | 14                      | 16                    | 676131000 |           |              |           |
|          | 1/4                    | 2                       | 4                     | 674508000 | 674558000 | 25           | 674845000 |
|          | 1/4                    | 4                       | 6                     | 674708000 | 674758000 | 25           | 674846000 |
|          | 1/4                    | 6                       | 8                     |           | 676281000 | 25           | 674847000 |
|          | 1/4                    | 9                       | 11                    |           | 674908100 | 25           |           |
|          | 1/4                    | 10                      | 12                    |           |           |              | 674849000 |
|          | 1/4                    | 12                      | 14                    | 676150000 |           |              |           |
|          | 1/4                    | 14                      | 16                    | 676151000 |           |              |           |
|          | 1/4                    | 18                      | 20                    | 674909000 |           |              |           |
|          | 5/16                   | 4                       | 6                     | 674510000 | 676282000 | 25           | 674850000 |
|          | 5/16                   | 6                       | 8                     | 674710000 |           |              |           |
|          | 5/16                   | 10                      | 12                    | 674810000 |           |              | 674851000 |
|          | 3/8                    | 4                       | 6                     | 674512000 | 674562000 | 20           | 674853000 |
|          | 3/8                    | 6-1/4                   | 8-1/4                 | 676125000 | 676283000 | 25           |           |
|          | 3/8                    | 8                       | 10                    | 674712000 |           |              |           |
|          | 3/8                    | 10-1/4                  | 12-1/4                | 676123000 |           |              | 674854000 |
|          | 3/8                    | 16                      | 18                    | 674713000 |           |              | 674855000 |
|          | 3/8                    | 22                      | 24                    | 674714000 |           |              |           |
|          | 7/16                   | 4                       | 6                     | 674514000 |           |              | 674856000 |
|          | 7/16                   | 8-1/4                   | 10-1/4                | 676153000 |           |              |           |
|          | 7/16                   | 10-1/4                  | 12-1/4                | 676133000 |           |              | 674857000 |
|          | 7/16                   | 16                      | 18                    | 676154000 |           |              | 674858000 |
|          | 1/2                    | 4                       | 6                     |           | 674566000 | 25           | 674859000 |
|          | 1/2                    | 8                       | 10                    |           |           |              |           |
|          | 1/2                    | 10-1/4                  | 12-1/4                | 688062000 |           |              | 674860000 |
|          | 1/2                    | 16                      | 18                    |           |           |              | 674861000 |
|          | 1/2                    | 22                      | 24                    | 674818000 |           |              |           |
|          | 9/16                   | 4-1/4                   | 6-1/4                 | 674819000 |           |              | 674862000 |
|          | 9/16                   | 8-1/4                   | 10-1/4                | 676155000 |           |              |           |
|          | 9/16                   | 10-1/4                  | 12-1/4                | 676156000 |           |              | 674863000 |
|          | 9/16                   | 16                      | 18                    | 676157000 |           |              | 674864000 |
|          | 5/8                    | 4-1/4                   | 6-1/4                 | 676158000 |           |              |           |
|          | 5/8                    | 6                       | 8                     | 674520000 | 676286000 | 10           | 688074000 |
|          | 5/8                    | 8                       | 10                    |           |           |              | 676173000 |
|          | 5/8                    | 10                      | 12                    | 674620000 |           |              | 676174000 |
|          | 5/8                    | 16                      | 18                    | 674720000 |           |              | 676177000 |
|          | 5/8                    | 22                      | 24                    | 676159000 |           |              |           |
|          | 11/16                  | 6                       | 8                     | 676166000 |           |              |           |
|          | 11/16                  | 10                      | 12                    | 676167000 |           |              |           |
|          | 3/4                    | 6                       | 8                     |           | 676288000 | 15           |           |
|          | 3/4                    | 8                       | 10                    | 676126000 |           |              | 676181000 |
|          | 3/4                    | 10                      | 12                    |           |           |              | 676183000 |
|          | 3/4                    | 16                      | 18                    | 674724000 |           |              | 676185000 |
|          | 3/4                    | 22                      | 24                    | 676168000 |           |              |           |
|          | 7/8                    | 6                       | 8                     | 676169000 |           |              | 676191000 |
|          | 7/8                    | 8                       | 10                    | 674528000 |           |              | 676192000 |
|          | 7/8                    | 10-1/4                  | 12-1/4                | 676170000 |           |              | 676193000 |
|          | 7/8                    | 16                      | 18                    | 674728000 |           |              | 676196000 |
|          | 1                      | 6                       | 8                     | 676171000 |           |              |           |
|          | 1                      | 8                       | 10                    |           |           |              | 676199000 |
|          | 1                      | 10                      | 12                    | 676172000 |           |              | 676201000 |
|          | 1                      | 16                      | 18                    | 674800000 |           |              | 676205000 |
|          | 1-1/8                  | 8                       | 10                    |           |           |              | 674804000 |
|          | 1-1/8                  | 16                      | 18                    |           |           |              | 688065000 |
|          | 1-1/4                  | 16                      | 18                    |           |           |              | 688066000 |

Red number indicates SPECIAL ORDER ITEM

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

**SDS-PLUS BIT KIT**

**SDS-Plus 5 pc Assortment Kit #USBITKIT**

Includes:  
 3/16" x 4"  
 1/4" x 4"  
 1/4" x 6"  
 5/16" x 6"  
 3/8" x 6"



**SDS-MAX CHISEL SET**

**2 piece Chisel Set #623309000**



**Tapcon**

| Drilling Dia. (inches)    | Drilling Depth (inches) | Total Length (inches) | 2-Cutter  |
|---------------------------|-------------------------|-----------------------|-----------|
| 5/32                      | 2-3/8                   | 5                     | 688067000 |
| 5/32                      | 3-1/8                   | 6                     | 688068000 |
| 5/32                      | 4-1/8                   | 7                     | 688069000 |
| 3/16                      | 2-1/8                   | 5                     | 688070000 |
| 3/16                      | 3-1/8                   | 6                     | 688071000 |
| 3/16                      | 4-1/8                   | 7                     | 688072000 |
| Assortment Tapcon bit kit |                         |                       | 688073000 |

MADE IN GERMANY

# SPLINE AND STRAIGHT SHANK DRILL BITS

**Spline Shank - Fits all Spline Drive Rotary Hammers**

**2-Cutter Design 3/8"-2"**

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

**ADVANTAGES**



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

|                     | Drilling Dia. (inches) | Drilling Depth (inches) | Total Length (inches) | 2-Cutter  | 4-Cutter  |
|---------------------|------------------------|-------------------------|-----------------------|-----------|-----------|
| <b>SPLINE SHANK</b> | 3/8                    | 5                       | 10                    | 676122000 |           |
|                     | 3/8                    | 8                       | 13                    | 676222000 |           |
|                     | 3/8                    | 11                      | 16                    | 676223000 |           |
|                     | 7/16                   | 8                       | 13                    | 676224000 |           |
|                     | 1/2                    | 5                       | 10                    | 676016000 |           |
|                     | 1/2                    | 11                      | 16                    | 676116000 |           |
|                     | 1/2                    | 17                      | 22                    | 676118000 |           |
|                     | 1/2                    | 24                      | 29                    | 676225000 |           |
|                     | 1/2                    | 31                      | 36                    | 676226000 |           |
|                     | 9/16                   | 5                       | 10                    | 676227000 |           |
|                     | 9/16                   | 8                       | 13                    | 626228000 |           |
|                     | 9/16                   | 11                      | 16                    | 676229000 |           |
|                     | 9/16                   | 18                      | 23                    | 676230000 |           |
|                     | 9/16                   | 24                      | 29                    | 626231000 |           |
|                     | 5/8                    | 5                       | 10                    |           | 676020000 |
|                     | 5/8                    | 8                       | 13                    | 626232000 |           |
|                     | 5/8                    | 11                      | 16                    |           | 676120000 |
|                     | 5/8                    | 16                      | 22                    | 676121000 |           |
|                     | 5/8                    | 17                      | 22                    |           | 676119000 |
|                     | 5/8                    | 24                      | 29                    | 676234000 | 676247000 |
|                     | 5/8                    | 31                      | 36                    | 676233000 | 676248000 |
|                     | 11/16                  | 11                      | 16                    | 676235000 |           |
|                     | 3/4                    | 5                       | 10                    | 676236000 | 676249000 |
|                     | 3/4                    | 8                       | 13                    | 676237000 |           |
|                     | 3/4                    | 11                      | 16                    | 676251000 | 676124000 |
|                     | 3/4                    | 17                      | 22                    | 676252000 | 676324000 |
|                     | 3/4                    | 24                      | 29                    | 676239000 | 676115000 |
|                     | 3/4                    | 31                      | 36                    | 676238000 | 676250000 |
|                     | 7/8                    | 8                       | 13                    | 676240000 |           |
|                     | 7/8                    | 11                      | 16                    |           | 676128000 |
|                     | 7/8                    | 17                      | 22                    |           | 676328000 |
|                     | 7/8                    | 31                      | 36                    | 676241000 |           |
|                     | 1                      | 8                       | 13                    | 676242000 |           |
|                     | 1                      | 11                      | 16                    | 676031000 | 676200000 |
|                     | 1                      | 17                      | 22                    | 676033000 | 676400000 |
|                     | 1                      | 24                      | 29                    | 676244000 | 676254000 |
|                     | 1                      | 31                      | 36                    | 676243000 | 676253000 |
|                     | 1-1/8                  | 11                      | 16                    | 676037000 | 676204000 |
|                     | 1-1/8                  | 17                      | 22                    | 676039000 | 676404000 |
|                     | 1-1/4                  | 11                      | 16                    | 676041000 |           |
| 1-1/4               | 17                     | 22                      | 676043000             | 676408000 |           |
| 1-1/4               | 24                     | 29                      |                       | 676255000 |           |
| 1-1/4               | 31                     | 36                      |                       | 676257000 |           |
| 1-3/8               | 17                     | 22                      | 676047000             | 676412000 |           |
| 1-1/2               | 11                     | 16                      | 676245000             |           |           |
| 1-1/2               | 17                     | 22                      |                       | 676416000 |           |
| 1-3/4               | 17                     | 22                      | 676246000             |           |           |
| 2                   | 17                     | 22                      | 676136000             |           |           |

Red number indicates SPECIAL ORDER ITEM

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

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

**ADVANTAGES**



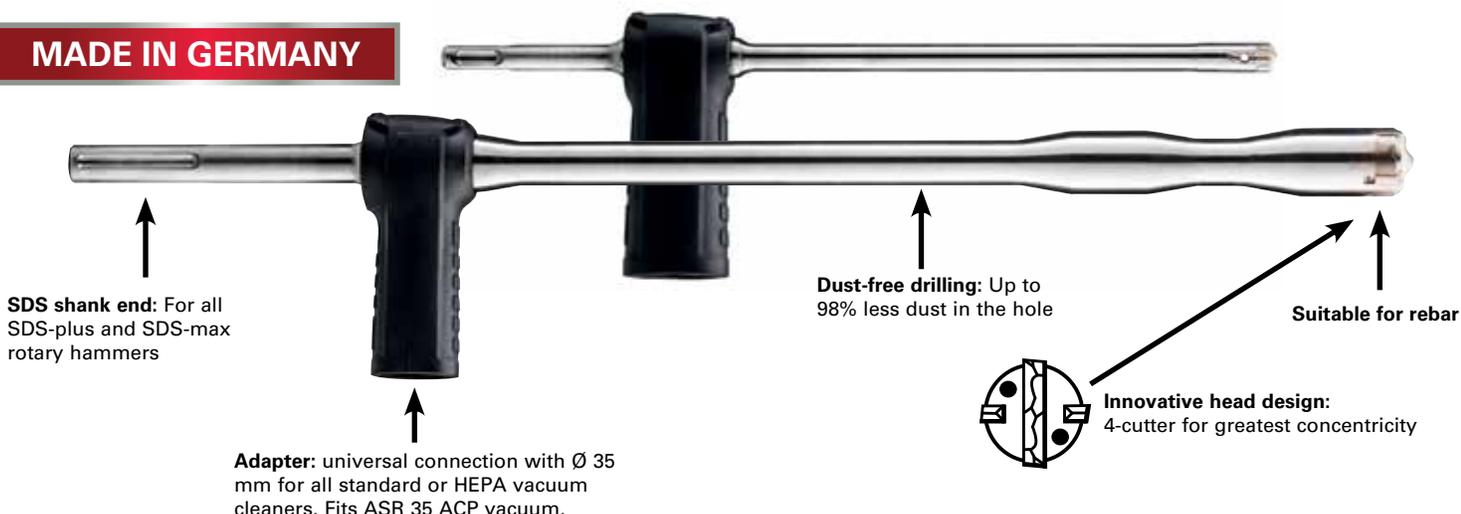
- Special carbide tip has low wear, high life expectancy, and improved resistance to damage when hitting rebar
- Aggressive carbide cutting edge provides rapid penetration and makes drilling possible even through hard aggregate
- Centering point on tip reduces bit "walking"
- 30% more holes per charge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

Note: Other sizes available on a special order basis

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

\*without centering point on tip

**MADE IN GERMANY**

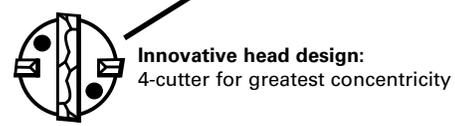


**SDS shank end:** For all SDS-plus and SDS-max rotary hammers

**Dust-free drilling:** Up to 98% less dust in the hole

**Suitable for rebar**

**Adapter:** universal connection with Ø 35 mm for all standard or HEPA vacuum cleaners. Fits ASR 35 ACP vacuum.



| Type     | Ø      | Overall Length | Working Length | Part #    |
|----------|--------|----------------|----------------|-----------|
| SDS-PLUS | 7/16"  | 13"            | 7 7/8"         | 676301000 |
|          | 1/2"   | 13"            | 7 7/8"         | 676302000 |
|          | 9/16"  | 14"            | 9 1/2"         | 676303000 |
|          | 5/8"   | 14"            | 9 1/2"         | 676304000 |
|          | 3/4"   | 14"            | 9 1/2"         | 676305000 |
| SDS-MAX  | 5/8"   | 23"            | 15 3/4"        | 676311000 |
|          | 3/4"   | 23"            | 15 3/4"        | 676312000 |
|          | 7/8"   | 23"            | 15 3/4"        | 676313000 |
|          | 1"     | 25 1/4"        | 17 1/2"        | 676314000 |
|          | 1 1/8" | 35"            | 27 1/2"        | 676315000 |
|          | 1 3/8" | 35"            | 27 1/2"        | 676316000 |

## Dust Extraction Bits For SDS-Plus and SDS-Max

### ADVANTAGES

- Reduce steps in process for chemical anchoring
- Reduce dust exposure
- Excellent drilling speed because of optimal dust removal
- Reliable service life
- Reinforced cutter head structural design
- Competitive Y-cutter design is weak due to center hole

### EXTRACTION AND CHUCK ADAPTORS



**631343000 Dust extraction accessory**  
Dustless drilling up to 2 3/4" dia. Dual suction chamber collects dust while allowing full suction to adhere to walls or ceilings.

**Model DDE72**



**623271000 Dust extractor for drilling and chiseling**

**Model ESA Max**



**630829000 Dust extraction accessory**  
Dustless drilling up to 9/16" dia. Dual suction chamber collects dust while allowing full suction to adhere to walls or ceilings.



**630276000 Spline to SDS-Plus adaptor**



**630316000 Adaptor**  
Used for connecting 631592000 vacuum hose to standard 2 1/4" vacuum inlets.



**676137000 Spline to SDS-Max adaptor**



**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).

(For Drilling Only)



**623371000 SDS-Max to SDS Plus adaptor**



**630928000 SDS chuck adaptor**  
1/2 x 20 threads. Use it to mount specialty chucks and accessories on Metabo SDS rotary hammers.

(For Hammering)



**676293000 SDS-Max to Spline adaptor**

## Core Bits

### Core Bits



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

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

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

Individually packaged in plastic twist-off tubes.

### Threaded Bolt and Centering Bit



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

- For core bits.



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

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

### 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     |              |
| 1-1/2    | 22             | 16-3/4         | 675801000     | 675821000    |
| 1-3/4    | 22             | 16-3/4         | 675803000     | 675823000    |
| 2        | 12             | 6-1/4          | 675804000     |              |
| 2        | 22             | 16-3/4         | 675805000     | 675825000    |
| 2-5/8    | 22             | 16-3/4         | 675807000     | 675827000    |
| 3-1/8    | 12             | 6-1/4          | 675808000     |              |
| 3-1/8    | 22             | 16-3/4         | 675809000     | 675829000    |
| 3-1/2    | 12             | 6-1/4          | 675810000     |              |
| 3-1/2    | 22             | 16-3/4         | 675811000     | 675831000    |
| 4        | 12             | 6-1/4          | 675812000     |              |
| 4        | 22             | 16-3/4         | 675813000     | 675833000    |
| 5        | 12             | 6-1/4          | 675814000     |              |
| 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

### Bit Holder Extension

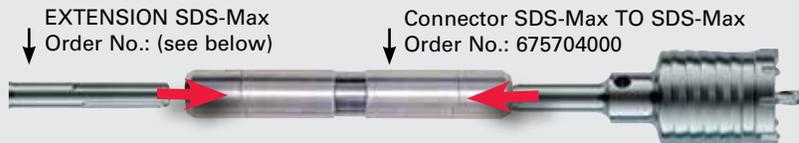


- Bit holder extension for deep hole drilling, multiple extensions possible

| Description        | Order No. |
|--------------------|-----------|
| EXTENSION 1" X 11" | 675702000 |

Individually packaged in plastic tubes.

### SDS-MAX Drill Bit adaptor/extension system



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

| Description                   | Order No. |
|-------------------------------|-----------|
| CONNECTOR SDS-Max TO SDS-Plus | 623371000 |
| CONNECTOR SDS-Max TO SDS-Max  | 675704000 |
| CONNECTOR Spline TO SDS-Max   | 676137000 |
| EXTENSION SDS-Max 43"         | 675705000 |
| EXTENSION SDS-Max 30"         | 675706000 |
| EXTENSION SDS-Max 12.5"       | 675707000 |

Additional lengths available upon special request

## Chisels

### SDS Plus Shank Chisels

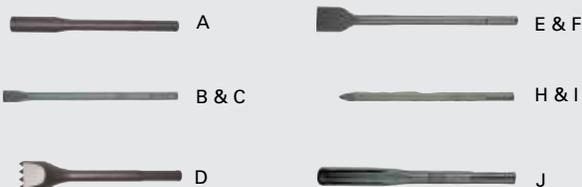
- Precisely sharpened, they will retain their cutting edge over a long time
- Made of specially tough breakage resistant steel
- Easy to reforge

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



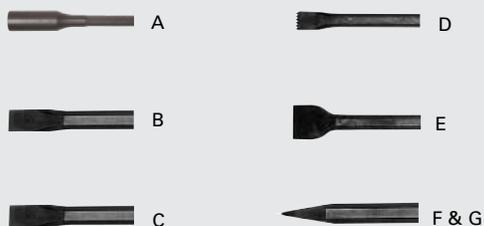
\*Use with SDS-Plus Hammers without rotation stop

### SDS-Max Shank Chisels



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

### Spline Shank Chisels



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

### Floor Scraper for SDS-Max Rotary Hammers



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





06



## Woodworking Tools and Heat Guns

- Engineered, designed and manufactured in Germany
- Unique designs and features
- High performance
- Saves you time and money



**SXE 450 TurboTec**  
6" Dual Random Orbit Sander

| Model                      | SXE 450 TurboTec<br>600129420   |
|----------------------------|---|
| Variospeed (V) electronics | •   |
| Power control system       | •   |
| Turbo boost                | •   |
| 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          | 8,400 - 22,000  |
| Orbit size                 | 1/8" or 1/4"  |
| Amps                       | 3.4   |
| Rated input watts          | 350   |
| Carrying case              | 623894000 (optional)  |
| <b>Standard equipment:</b> | Dust bag (344101410)<br>Medium hard hook & loop pad<br>Backing pad (630262000)<br>Hexagon key (344161520) |
| Dual Orbit Settings:       | • 1/8" orbit for fine finishing<br>• 1/4" orbit for fast stock removal                                    |

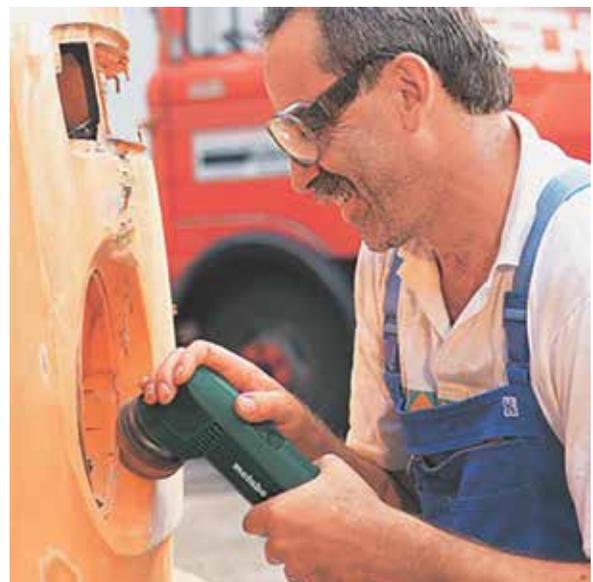


**SXE 400**  
Compact Orbital Disc Sander

| Model                      | SXE 400<br>600405420  |
|----------------------------|---|
| Variospeed (V) electronics | •   |
| Power Control System       | •   |
| Auto-stop brushes          | •   |
| Double insulated           | •   |
| Sanding pad size           | 3 1/8" round (6 hole)   |
| Sheet size                 | 3 1/8" round  |
| Orbits per minute          | 5,000 - 10,000  |
| Orbit size                 | 1/8"  |
| Amps                       | 2   |
| Rated input watts          | 220   |
| Carrying case              | 623898000 (optional)  |
| <b>Standard equipment:</b> | Hexagon key (344161530)<br>Hook & loop backing pad (624064000)<br>Intermediate disc (624061000) |
| <b>Optional equipment:</b> | Vacuum hose adaptor (624996000)   |



**Turbo Boost**  
for fastest removal of stock!



ORBITAL SANDER ACCESSORIES

For SXE 400 **Order #**

 **Hook & loop-faced intermediate disc** 624061000

 **"Cling-fit" Replacement Backing pad** 624064000

 **"Cling-fit" lambs wool polishing disc** 624063000

 **"Cling-fit" sanding discs. Ready-punched, Aluminum Oxide**

Packs of 10  
 P 40 grit 624041000  
 P 60 grit 624042000  
 P 80 grit 624043000  
 P 100 grit 624044000  
 P 120 grit 624045000  
 P 180 grit 624046000  
 P 240 grit 624047000  
 P 320 grit 624048000

Packs of 25  
 P 40 grit 624051000  
 P 60 grit 624052000  
 P 80 grit 624053000  
 P 100 grit 624054000  
 P 120 grit 624055000  
 P 180 grit 624056000  
 P 240 grit 624057000  
 P 320 grit 624058000  
 P 400 grit 624059000

 **Accessory Assortment** 624060000  
 Package includes:  
 10 Pieces- P 60  
 10 Pieces- P 80  
 5 Pieces- P 120

 **Adaptor** 624996000 **NEW**  
 Vacuum Adapter 35mm for SXE400

For SXE 450 **Order #**

 **Backing Pads**  
 6" medium hard (6 hole) 631158000  
 6" soft (6 hole) 631156000  
 PSA Pad-6" (6 hole) 631169000

 **"Cling-fit" intermediate disc (not perforated)**  
 soft, well suited for sanding rounded surfaces  
 6" 624037000

 **6" "Cling-fit" sanding discs**  
 (packs of 5)  
 Grit 6" (6 hole)  
 A40 624001000  
 A60 624002000  
 A80 624003000  
 A100 624004000  
 A120 624005000  
 A180 624006000  
 A240 624007000  
 A320 624008000

(packs of 25)  
 Grit 6" (6 hole)  
 A40 624019000  
 A60 624020000  
 A80 624021000  
 A100 624022000  
 A120 624023000  
 A180 624024000  
 A240 624025000  
 A320 624026000  
 A400 624027000

**6" Sanding Assortment** 624066000  
 Package includes:  
 10 Pieces- P 60  
 10 Pieces- P 80  
 5 Pieces- P 120

 **"Cling-fit" polishing sponge**  
 6" 631233000

 **"Cling-fit" lambs-wool polishing disc**  
 6" 631217000

**Order #**

 **Hook & Loop Backing Pad (for FSX200)** 625658000

 **Hook & Loop Backing Pads**  
 5" medium hard (8 hole) 631219000  
 5" soft (8 hole) 631220000  
**(for SXE425)**

 **"Cling-fit" Intermediate Disc (not perforated)**  
 soft, well suited for sanding rounded surfaces  
 5" 631216000

 **"Cling-fit" Sanding Discs**  
 (packs of 5)  
 Grit 5" (8 hole)  
 A40 631226000  
 A60 631227000  
 A80 631228000  
 A120 631229000  
 A180 631230000

(packs of 25) 5" (8 hole)  
 A40 631584000  
 A60 631585000  
 A80 631586000  
 A120 631587000  
 A180 631588000  
 A240 631589000  
 A320 631596000  
 A400 631597000

 **"Cling-fit" polishing sponge**  
 5" 631222000

 **"Cling-fit" lambs-wool Polishing Disc**  
 5" 631223000

 **Spare Paper Dust Bags (5 per pack) (for Sr356, Sr358, SXE425 SXE450 Duo)** 631288000

 **Canvas Dust Bag (for Sr356, Sr358, SXE425 SXE450 Duo)** 631235000

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

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

For SXE 450

**"Professional Series" for working with metal and wood**

**6" "Cling-fit" sanding discs. Ready-punched, for Wood and Metal**

 Packs of 50  
 P 40 grit 626674000  
 P 60 grit 626675000  
 P 80 grit 626676000  
 P 100 grit 626677000  
 P 120 grit 626678000  
 P 180 grit 626679000  
 P 240 grit 626680000  
 P 320 grit 626681000  
 P 400 grit 626682000

**6" Backing Pad** 630262000

**"Professional Series" for working with paints and varnishes**

**6" "Cling-fit" sanding discs. Ready-punched, for paints and varnishes**

 Packs of 50  
 P 40 grit 626683000  
 P 60 grit 626684000  
 P 80 grit 626685000  
 P 100 grit 626686000  
 P 120 grit 626687000  
 P 180 grit 626688000  
 P 240 grit 626689000  
 P 320 grit 626690000  
 P 400 grit 626691000

 **6" "Cling-fit" intermediate disc**  
 well suited for sanding rounded surfaces 630260000

# JIG SAW/PAINT REMOVER AND ACCESSORIES



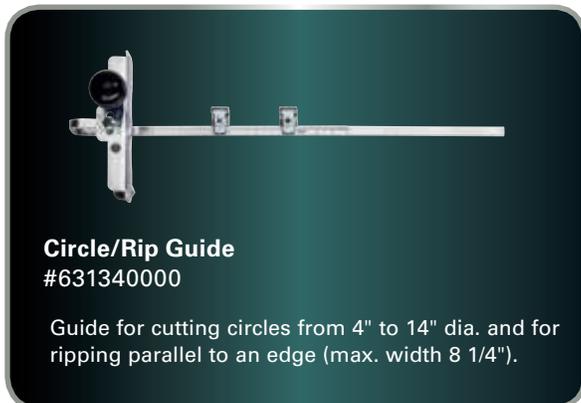
**STEB 140**  
Variable Speed Jig Saw  
with Orbit

| Model  | STEB 140<br>601402420                          |
|--|--|
| Electronics  | Vario-tacho-constamatic (VTC)                  |
| Aluminum die-cast gear housing   | •  |
| Variable speed controlled by adjusting dial  | •  |
| Electronic speed stabilizer  | •  |
| Orbital saw-blade movement for fast cutting  | 3-stage  |
| Grooved needle-bearing roller-guide prevents the blade from wandering, allowing for truer cuts. Suitable for bevel cuts. Rapid setting of the sole plate for bevel angles of 22.5° & 45° left or right | •  |
| Uses T-shank style blades  | •  |
| Sawdust is blown from line of cut for better visibility  | •  |
| Auto-stop carbon brushes   | •  |
| Quick blade change system with auto eject  | •  |
| Maximum torque   | 62 inch lbs.                                   |
| Maximum thickness of material  |  |
| - wood   | 5 1/2"   |
| - non-ferrous metal  | 1 3/8"   |
| - sheet steel  | 3/8"   |
| Rated input watts/amps   | 720/7.0  |
| No-load speed (SPM)  | 1,000-3,100                                    |
| Length of stroke   | 1"   |
| Orbital settings   | 3 position                                     |
| Carrying case  | 344454150 (optional)                           |
| <b>Standard equipment:</b>   | Allen wrench (344161530)                       |
| <b>Optional equipment:</b>   | Anti-splintering sole plate insert (631208000) |
|  | Circle Guide (631340000)                       |



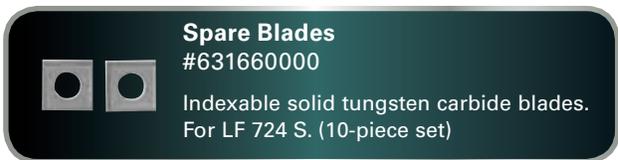
**LF 724 S**  
Paint Remover

| Model  | LF 724 S<br>600724420   |
|--|---|
| Double insulation  | •   |
| Environmentally friendly method of paint and varnish removal | •   |
| Highly suitable for handling rabbets                         | •   |
| Continuous adjustment of chip removal: 0-.012"               | •   |
| Reversible all-carbide blades with long service life         | •   |
| Low vibration reduces fatigue                                | •   |
| Minimal dust creation  | •   |
| Encased aluminum die-cast gear housing                       | •   |
| High-performance palloid gear system                         | •   |
| Maximum torque   | 18 inch lbs.  |
| Blade cutting circle diameter                                | 3 1/8"  |
| Maximum rabbet height  | 1 1/10"   |
| Axial cutting depth  | 0-.012" (0-.3mm)  |
| Radial cutting depth   | .006"   |
| Rated input watts/amps                                       | 710/6.0   |
| No-load speed (RPM)  | 10,000  |
| Carrying case  | 623860000 (standard)  |
|  |   |
| <b>Standard equipment:</b>                                   | 4 indexable solid tungsten carbide blades - 4 cutting edges per blade |
|  | Vacuum adaptor (343371390)  |
|  | Combination wrench(344162450)   |
|  | Cleaning pick (344162540)   |



**Circle/Rip Guide**  
#631340000

Guide for cutting circles from 4" to 14" dia. and for ripping parallel to an edge (max. width 8 1/4").



**Spare Blades**  
#631660000

Indexable solid tungsten carbide blades. For LF 724 S. (10-piece set)



Back View of Heat Gun



**H 16-500**  
2-Stage Variable Temperature Heat Gun



Back View of Heat Gun



**HE 20-600**  
Electronic 3-Stage Variable Temperature Heat Gun



Back View of Heat Gun



**HE 23-650**  
Digital Programmable 2-Stage Variable Temperature Heat Gun



**NEW**

**STANDARD EQUIPMENT FOR HG 18 LTX 500**

**630004000**  
Wrap around nozzle



**630005000**  
Reducing nozzle



**HG 18 LTX 500**  
18V Cordless Dual Temperature Heat Gun

| Model  | H 16-500<br>601650420 | HE 20-600<br>602060420 | HE 23-650<br>602365420 |
|--|-----------------------|------------------------|------------------------|
| Double insulation                              | •                     | •                      | •                      |
| Variospeed (V) electronics                     | •                     | •                      | •                      |
| Digital programmable temperature w/LED display |                       |                        | •                      |
| Temperature regulation via thumb wheel         | •                     | •                      |                        |
| Non-slip pads for stationary use               | •                     | •                      | •                      |
| One handed temp adjustment                     | •                     | •                      | •                      |
| Thermal fuse for safety                        | •                     | •                      | •                      |
| Rated input watts                              | 1,400                 | 1,500                  | 1,600                  |
| Rated Amps                                     | 11.7                  | 12.5                   | 13.0                   |
| Air Flow                                       | 8.5/15.9 CFPM         | 5.3/10.6/17.7 CFPM     | 5.3-8.8/5.3-17.7 CFPM  |
| Air Temperature                                | 572/932 °F            | 122/122-1100 °F        | 122/122-1200 °F        |
| Carrying case (optional)                       | 623854000             | 623854000              | 623854000              |

| Model Bare Tool:                       | HG 18 LTX 500<br>610502850                     |
|--|--|
| LED Light                              | •  |
| Temperature regulation via thumb wheel | •  |
| Batteries                              | Compatible with Metabo Lilon or LiHD batteries |
| Runtime (8.0 Ah Battery)               | 20+ minutes                                    |
| Temperature range                      | 570 °F - 930 °F                                |
| Time to temperature                    | 5 sec (572 °F)                                 |
| Air Flow/Volume                        | 6-7 CFM  |
| Carrying case (optional)               |  |
| Tool weight (lbs) without batteries    | 1.1 lbs.                                       |
| <b>Standard Equipment:</b>             |  |
| Wrap around nozzle                     | 630004000                                      |
| Reducing nozzle                        | 630005000                                      |

## 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 de-waxing 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)

# CARRYING CASES

Updates to come - Fall 2020



344453630  
344453760



344454090  
344454110  
344454120  
344454140  
344454180  
623854000  
344455600



657006000



657007000



656304000



623874000

| Item No.  | Material | L x H x D               | Use  |
|-----------|----------|-------------------------|--|
| 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                                      |
| 344454140 | Plastic  | 15 1/4 x 12 1/2 x 4 1/2 | LF724  |
| 344454180 | Plastic  | 15 1/4 x 12 1/2 x 4 1/2 | 4-1/2" and 5" Angle grinders                                   |
| 344455600 | Plastic  | 15 1/4 x 12 1/2 x 4 1/2 | 6" Angle grinders  |
| 623854000 | Plastic  | 19 1/2 x 12 1/2 x 5 1/4 | Multipurpose - foam inlay for customizing                      |
| 657006000 | Canvas   | 18 x 10 x 18            | Fits 2 tools plus accessories                                  |
| 344453630 | Plastic  | 24 x 16 x 6 1/2         | KHE56  |
| 344453760 | Plastic  | 24 x 16 x 8             | KHE76  |
| 657007000 | Canvas   | 25 x 11 x 13            | Fits 4 tools plus accessories                                  |
| 623874000 | Steel    | 26 1/2 x 6 1/2 x 11     | Intermediate and large angle grinders                          |

## Futuro Top Keyless Chucks



For hammer drills

For Hammering

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

Individually packaged in cardboard boxes.

## Futuro Plus Double Sleeve Reversible Keyless Chucks



For corded and cordless drills

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

For Rotation Only

| Capacity   | Internal Thread | All Metal | Weight ozs. | Order No. |
|------------|-----------------|-----------|-------------|-----------|
| 1/32"-3/8" | 1/2" - 20 NF    |           | 7           | 636519000 |

For LTX Class Hammers and Drills

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

For Hammering

|            |               |   |      |            |
|------------|---------------|---|------|------------|
| 1/16"-1/2" | 1/2" - 20 UNF | • | 10.5 | 636619000* |
| 1/16"-1/2" | 1/2" - 20 UNF | • | 10.5 | 636620000  |

\*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 | All Metal | Weight ozs. | Order No. |
|----------|-----------------|-----------|-------------|-----------|
|----------|-----------------|-----------|-------------|-----------|

For Hammering

|            |              |   |    |           |
|------------|--------------|---|----|-----------|
| 1/16"-1/2" | 1/2" - 20 NF | • | 11 | 636621000 |
|------------|--------------|---|----|-----------|

Individually packaged in cardboard boxes.

## Quick Tapping Chucks



| Capacity      | Order No. |
|---------------|-----------|
| M4-M6 (1/4")  | 627235000 |
| M8-M12 (1/2") | 627237000 |

Individually packaged.

## Taper Arbors



| Machine Side Morse taper | Chuck Side Taper arbor | Order No. |
|--------------------------|------------------------|-----------|
| No. 2                    | B12                    | 635114000 |
| No. 2                    | B16                    | 635115000 |

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.

## Quick Keyless Chuck



| Capacity | Order No. |
|----------|-----------|
|----------|-----------|

For BS 18 LTX BL Quick and SB 18 LTX BL Quick

|      |               |      |           |
|------|---------------|------|-----------|
| 1/2" | 1/2" - 20 UNF | 10.5 | 627240000 |
|------|---------------|------|-----------|

For BS 12 BL Quick and BS 18 Quick (NEW)

|      |  |  |           |
|------|--|--|-----------|
| 3/8" |  |  | 627259000 |
|------|--|--|-----------|

For BS 18 L Quick (NEW)

|      |  |  |           |
|------|--|--|-----------|
| 1/2" |  |  | 636608000 |
|------|--|--|-----------|

For Any Quick 12V/18V Drill (NEW)

|                          |  |  |           |
|--------------------------|--|--|-----------|
| 1/2" Carbide Quick Chuck |  |  | 627203000 |
|--------------------------|--|--|-----------|



Individually packaged in cardboard boxes.

## Keyed Drill Chucks



For corded and cordless drills

- 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. | Supplied with chuck / key |
|------------|-------------------|-------------|-----------|---------------------------|
| 1/64"-3/8" | 1/2" - 20 NF Rev. | 8           | 635252000 | •                         |
| 3/32"-1/2" | 1/2" - 20 NF Rev. | 11          | 635250000 | •                         |

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 & Screw

| For Metabo drill chucks             | Order No. |
|-------------------------------------|-----------|
| 3/8" and 1/2" capacity (chuck keys) | 635167000 |
| 5/8" capacity (chuck keys)          | 635168000 |
| Chuck retention screw               | 341701940 |

Individually packaged.



Sending your tool for repair has never been so easy! Select your tool down the list, process your order, use the supplied shipping label to expedite your tool to us. We will take care of the rest! Your tool will be sent back to you in no time. In addition to fixing the reported problem, we will proceed to a full repair and maintenance of your tool. This service offers you the following benefits:



LEARN MORE!

- Serviced at Metabo North American headquarters in West Chester, Pennsylvania
- Repairs will be completed in 5 days or less (Upon Receipt)
- Free FedEx shipping to and from Metabo Factory service facility
- Package your Metabo Tool and drop off at one of nearly 8,000 authorized FedEx shipping locations nationwide
- Best for individual or smaller tool quantities
- Metabo Factory Service Technicians will repair your tool with genuine Metabo parts
- Metabo NA will ship your tool directly to you – No need to pick it up

For more information, terms and policies, see [metabousafactoryservice.com](http://metabousafactoryservice.com) or if you have any questions call 1-800-638-2264. Terms are subject to change.

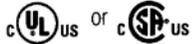
## Metabo Warranty Information

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

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

### Listed Tools

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



For more information concerning the conformance of our tools, please contact Metabo Technical Services at [svcsupport@metabousa.com](mailto:svcsupport@metabousa.com), or by calling 800-638-2264.

### 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 gauge 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  |     |     |     |     |     |     |

### Trade Associations

Metabo is associated with the following trade associations:



### Metabo Power Tools: Service and Warranty Program

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

### 30 Day Performance Guarantee

If in the first 30 days from purchase, a tool fails to perform to Metabo's performance specifications as a result of factory defect, return the tool to the original point of purchase. After verification of a factory defect by an Authorized Metabo Repair Facility is performed, Metabo will replace the tool free of charge.

### 3-Year Limited Warranty

After the first 30 days from purchase, Metabo will replace or repair a power tool which upon inspection by an authorized Metabo Repair Facility is determined to be defective in either workmanship or materials for a period of three 3-years (36 months) from original date of purchase. If a tool fails to perform to Metabo's factory specifications, the tool may be sent along with proof of purchase to Metabo's Corporate Service Center or one of our regionally located Authorized Service Centers. Please visit [www.metabo.com](http://www.metabo.com) for complete listing.

### Metabo MAX Repair Program

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

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

For additional details and tool listing please contact Metabo at 800-638-2264.

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





# metabo® club

PROS DESERVE PROFESSIONAL POWER TOOLS

## JOIN THE CONVERSATION!



*The Metabo Club is a community of skilled, professional tradespeople that take pride in their craft, with a deep concern for quality, performance, productivity and safety (their own and others). The Metabo Club is a forum to exchange ideas with similar-minded pros to improve their skills and get the job done. It is a place of knowledge sharing, passion and pride.*

**[metabo.com/club](http://metabo.com/club)**

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info@metabo.ca  
www.metabo.ca



# metabo®

PROFESSIONAL POWER TOOL SOLUTIONS