THE MOST ADVANCED 18V BATTERY SYSTEM

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

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 Battery Warranty
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

18V

36V

12V Power Tool Line 16
Assembly Solutions 18
Angle Grinders 20-21
Saws 21 (Metal), 30-31 (Wood)
Welding Prep: Die Grinders and Beveling 22
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Rivet Gun, Tapping Tool 24
Impact Drivers, Drill/Drivers 25-27
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Shop Fan, Blower, Cordless Vac, Radio 32
Lighting Solutions and Measuring Laser 33
Batteries, Chargers and Accessories 34-39
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
Metabo LiHD battery runs 115% longer than standard Li-Ion batteries.

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.

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.

Brushless Motor Technology
(depending on model)
- Longer motor life
- Increased power
- Longer run time
- Less friction
- Less heat build up
- Highest efficiency

3-Year Full Battery Warranty
Please see Service at www.metabo.com for more details.

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.

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.

Ultra-M: The Most Advanced Battery System

Cordless Alliance System:
One battery, many solutions.

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

Metabo participates in:
For more information call2recycle.org

Metabo - leading the future of cordless freedom - across manufacturers!
100% More Power

NEW CELL TECHNOLOGY

- 18 mm
- Conventional Battery Pack
- Insufficient Power
- FUEL LINE
- Resistance
- Larger Fuel Line
- 100% More Amps
- 11 Amps - Corded Equivalent

115% More Runtime

NEW BATTERY ARCHITECTURE

- Air-Cooled design allows for faster charging cycles
- Epoxy sealed electronics
- Larger, higher current carrying contacts
- Highest quality copper and nickel plating in connectors
- More robust silver plated copper power rails

90:1

Power Tools Battery Pack

THE ONLY CHOICE FOR CORDLESS METALWORKING!
Revolutionary LiHD high-performance cells

More robust silver plated copper power rails

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

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

12V, 18V & 36V COMPATIBLE CHARGER

THE ONLY CHOICE FOR CORDLESS METALWORKING!
12V 3/8" Brushless Drill Driver
BS 12 BL Quick

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

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

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

Quick Change Chuck
with 1/4" hex 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

See page 31 for more recip saws

12V 4.0 Ah LiHD Battery Pack
625349000

12V 2.0 Ah Li-Ion Battery Pack
625406000

NEW
### Model: Drill/Drivers

<table>
<thead>
<tr>
<th>Model</th>
<th>BS 12</th>
<th>BS 12 BL Quick</th>
<th>SSD 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kit:</td>
<td>601036520</td>
<td>601039520</td>
<td>601114520</td>
</tr>
<tr>
<td>Bare:</td>
<td>601036890</td>
<td>601039890</td>
<td>601114890</td>
</tr>
<tr>
<td>Kit:</td>
<td>601076520</td>
<td>601077520</td>
<td>601076520</td>
</tr>
<tr>
<td>Bare:</td>
<td>601076890</td>
<td>601077890</td>
<td>601076890</td>
</tr>
<tr>
<td>Kit:</td>
<td>601114520</td>
<td>601115520</td>
<td>601114520</td>
</tr>
<tr>
<td>Bare:</td>
<td>601114890</td>
<td>601115890</td>
<td>601114890</td>
</tr>
</tbody>
</table>

#### BS 12
- 3/8" Drill/Driver
- Gearbox: 2-speed
- Quick change chuck: *
- Planetary gearing: *
- LED light: *
- No-load speed (RPM): 360 / 1,400
- Max impacts/min (hammer drills only): 21,000
- Maximum tightening torque: - Soft case (continuous): 151 in.lbs
  - Hard case (maximum): 354 in.lbs
  - Max chuck capacity (inch.): 3/8"
- Maximum drilling capacity: - in mild steel: 3/8" (BS 12 BL Quick only)
  - in softwood: 5/8"
  - in brick/block (hammer drills only): 3/8"

#### BS 12 BL Quick
- 3/8" Drill/Driver
- Gearbox: 2-speed
- Quick change chuck: *
- Planetary gearing: *
- LED light: *
- No-load speed (RPM): 500 / 1,650
- Max impacts/min (hammer drills only): 21,000
- Maximum tightening torque: - Soft case (continuous): 159 in.lbs
  - Hard case (maximum): 398 in.lbs
  - Max chuck capacity (inch.): 3/8"
- Maximum drilling capacity: - in mild steel: 3/8"
  - in softwood: 1"
  - in brick/block (hammer drills only): 3/8"

#### SSD 12
- 1/4" Impact Driver
- Gearbox: 1-speed
- LED light: *
- No-load speed (RPM): 2,500
- Max impacts/min: 3,500
- Maximum tightening torque: - Soft case (continuous): 1,015 in.lbs
  - Hard case (maximum): 1,240 in.lbs
  - Max chuck capacity (inch.): 3/8"
- Maximum drilling capacity: - in mild steel: 3/8"
  - in softwood: 1"
  - in brick/block (hammer drills only): 3/8"

#### SSD 12 BL
- 1/4" Impact Driver
- Gearbox: 3-speed
- Quick change chuck: *
- Planetary gearing: *
- LED light: *
- No-load speed (RPM): 2,500 / 2,000 / 2,500
- Max impacts/min: 4,000
- Maximum tightening torque: - Soft case (continuous): 1,240 in.lbs
  - Hard case (maximum): 1,430 in.lbs
  - Max chuck capacity (inch.): 3/8"
- Maximum drilling capacity: - in mild steel: 3/8"
  - in softwood: 1"
  - in brick/block (hammer drills only): 3/8"

### Standard equipment:
- Side handle
- Batteries (kit only): 625406000
- Quick change chuck: 627259000
- Charger (kit only): 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 24)

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

Angle Grinders
(see page 20)
WPB 18 LTX BL 115 (4 1/2”)
WPF 18 LTX 125 (5” Flathead)
WPB 18 LTX BL 150 (6”)
WPB 36-18 LTX BL 230 (9”)

Safety Brake: Quickly stops the wheel

Metabo Safety Clutch
Significantly reduces the risk of kick-back

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
#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

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

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

WPF 18 LTX 125
5” Flat Head Paddle Switch Angle Grinder

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 | Bare Tool |
--- | --- | --- |
WPB 18 LTX BL 115 | 613074620 | Kit: 2x 5.5Ah LiHD batt
WPB 18 LTX BL 150 | 613074860 | Kit: 2x 8.0Ah LiHD batt
WPF 18 LTX 125 | US613070620 | Kit: 2x 8.0Ah LiHD batt

<table>
<thead>
<tr>
<th>Model</th>
<th>Kit</th>
<th>Bare Tool</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Switch Type</th>
<th>Non-Locking Paddle Switch</th>
<th>Non-Locking Paddle Switch</th>
<th>Non-Locking Paddle Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. wheel diameter</td>
<td>4.5” Dia.</td>
<td>6” Dia.</td>
<td>5” Dia.</td>
</tr>
<tr>
<td>Safety brake</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Power interruption protection</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Electronic clutch</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Electronic overload protection</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Spindle lock</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>External carbon brush access</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Rotatable battery pack</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Detachable dust filter</td>
<td>(included)</td>
<td>(included)</td>
<td>(included)</td>
</tr>
<tr>
<td>No-load speed (RPM)</td>
<td>9,000</td>
<td>9,000</td>
<td>8,000</td>
</tr>
</tbody>
</table>

Standard equipment:
- 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 630358000
- 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

<table>
<thead>
<tr>
<th>Model Kit: WPB 36-18 LTX BL 230</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bare Tool</td>
<td>613102860 (accepts 2 - 18V batteries)</td>
</tr>
<tr>
<td>Switch Type</td>
<td>Non-Locking Paddle Switch</td>
</tr>
<tr>
<td>Max. wheel diameter</td>
<td>9”</td>
</tr>
<tr>
<td>Motor</td>
<td>36V (2x 18V) Brushless</td>
</tr>
<tr>
<td>Rated input watts</td>
<td>2,400</td>
</tr>
<tr>
<td>Safety brake</td>
<td>3 sec</td>
</tr>
<tr>
<td>Power interruption protection</td>
<td>•</td>
</tr>
<tr>
<td>Electronic clutch</td>
<td>•</td>
</tr>
<tr>
<td>Electronic overload protection</td>
<td>•</td>
</tr>
<tr>
<td>Soft start</td>
<td>•</td>
</tr>
<tr>
<td>Side handle</td>
<td>Anti-vibration</td>
</tr>
<tr>
<td>Rotatable back handle</td>
<td>3 positions</td>
</tr>
<tr>
<td>No-load speed (RPM)</td>
<td>6,600</td>
</tr>
<tr>
<td>Carrying case (standard)</td>
<td>•</td>
</tr>
</tbody>
</table>

### Standard equipment:
- Fast charger
- 2 - 36V 6.2 Ah LIHD battery*
- Type 27 wheel guard 316085160
- Side handle 314001470
- Inner flange 341031850
- Locking nut 341101480
- Spanner wrench 623934000

### Optional Equipment:
- 9” Type 1 steel guard 630363000
- 7” Type 1 steel guard 630383000

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

### Lubrication Stick
- #623443000

---

### MBS 18 LTX 2.5
2.5” Band Saw with Brake

<table>
<thead>
<tr>
<th>Model</th>
<th>Bare Tool</th>
<th>MBS 18 LTX 2.5 613022850</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Instant brake</td>
<td>&lt; 1 sec</td>
</tr>
<tr>
<td></td>
<td>Blade change</td>
<td>“Quick” toolless blade change system</td>
</tr>
<tr>
<td></td>
<td>Max. cutting capacity</td>
<td>2.5”</td>
</tr>
<tr>
<td></td>
<td>Saw band speed</td>
<td>570 ft/min</td>
</tr>
<tr>
<td></td>
<td>Saw blade length</td>
<td>32-7/8”</td>
</tr>
<tr>
<td></td>
<td>Saw blade width</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

### Standard equipment:
- Blade guard 316095260
- Allen key (3mm) 344199290

### Optional equipment:
- 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Bare Tool</th>
<th>MKS 18 LTX 58 600771850</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Instant brake</td>
<td>&lt; 1 sec</td>
</tr>
<tr>
<td></td>
<td>Blade change</td>
<td>“Quick” toolless blade change system</td>
</tr>
<tr>
<td></td>
<td>Max. cutting capacity</td>
<td>2-1/4”</td>
</tr>
<tr>
<td></td>
<td>Saw blade</td>
<td>6-1/2”</td>
</tr>
<tr>
<td></td>
<td>No-load speed (RPM)</td>
<td>3,600</td>
</tr>
</tbody>
</table>

### Standard equipment:
- 6-1/2” Steel Cut “Classic” Carbide Blade (40 teeth) 628273000
- Parallel guide/rip fence 331054750
- Hexagonal wrench 344161520
- Guide rail adaptor 339137930

### Optional equipment:
- Lubrication stick 623443000
- 6-1/2” Aluminum “Professional” Blade (48 teeth) 628276000

---

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

### Lubrication Stick
- #623443000

---

See all guide rail accessories page 35
CORDLESS DIE GRINDERS AND BEVELING TOOL

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

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

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

Rotatable Battery Pack
- For working in confined spaces

Detachable Dust Filter
- Protects motor components from damage

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

See Die Grinders Accessories page 91

Model
Bare Tool:

GPA 18 LTX
600621860

GA 18 LTX G
600639860

Model
5.5Ah Kit: ASC30-36 Chgr + 2 LiHD 18V 5.5 Ah Batteries

Bare Tool:

KFM 18 LTX 3 RF
601754750

601754840

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

Standard equipment:

Collet wrench
344161300
344161300

1/4” collet
631949000
630821000

Side handle
631052000

Soft rubber grip
344099150
344099150

Dust filter
343398890
343398890

Optional equipment:

1/8” collet
631948000
631948000

No-Load RPM
7000

Battery pack
(2) 18 V LiHD, 5.5 Ah

Charger
627380000 (ASC 146)

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)

Standard equipment:

(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 Vibratech side handle
314000970

Dust filter
343398890

See Beveling Tools page 84
Model
Bare Tool: SCV 18 LTX BL 1.6

NIV 18 LTX BL 1.6

<table>
<thead>
<tr>
<th>Type of battery pack</th>
<th>LHD</th>
<th>LHD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery voltage</td>
<td>18 V</td>
<td>18 V</td>
</tr>
<tr>
<td>No-load strokes per minute</td>
<td>1,350 - 4,840</td>
<td>660 - 2,360</td>
</tr>
<tr>
<td>Max. material thickness</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Mild steel</td>
<td>16 gauge</td>
<td>1/16&quot;</td>
</tr>
<tr>
<td>- Stainless steel</td>
<td>18 gauge</td>
<td>3/64&quot;</td>
</tr>
<tr>
<td>- Aluminum</td>
<td>14 gauge</td>
<td>14 gauge</td>
</tr>
<tr>
<td>Smallest curve radius</td>
<td>5/8&quot;</td>
<td>1 9/16&quot;</td>
</tr>
<tr>
<td>Starting hole Ø</td>
<td>1&quot;</td>
<td>53/64&quot;</td>
</tr>
<tr>
<td>Cutting track width</td>
<td>13/64&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Standard equipment:

(2) Blades (630239000)
(2) Hexagon Wrenches
Feeler gauge (316094600)

Optional equipment:

For med-high carbon steel 2 Blades (630241000)

NEW

SCV 18 LTX BL 1.6
18V 16g Cordless Shear

NIV 18 LTX BL 1.6
18V 16g Cordless Nibbler

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

SANDING DISCS for Multi-Tool

<table>
<thead>
<tr>
<th>Sanding disc</th>
</tr>
</thead>
<tbody>
<tr>
<td>40x (pack of 5) disappointment</td>
</tr>
<tr>
<td>60x (pack of 5) disappointment</td>
</tr>
<tr>
<td>120x (pack of 5) disappointment</td>
</tr>
<tr>
<td>180x (pack of 5) disappointment</td>
</tr>
</tbody>
</table>

StarlockPlus® SAW BLADES for Multi-Tool

<table>
<thead>
<tr>
<th>StarlockPlus® plunge saw blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>For wood+metal</td>
</tr>
<tr>
<td>For wood</td>
</tr>
<tr>
<td>For metal</td>
</tr>
</tbody>
</table>

DEPTH STOP + DUST EXTRATION

<table>
<thead>
<tr>
<th>Depth stop + dust extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>StarlockPlus® saw blade</td>
</tr>
<tr>
<td>For wood/abrasive</td>
</tr>
</tbody>
</table>

NEW

MT 18 LTX BL QSL
18V Multi-Tool

<table>
<thead>
<tr>
<th>Voltage</th>
<th>18 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>250 mm / 10”</td>
</tr>
<tr>
<td>Electronics</td>
<td>VTC</td>
</tr>
<tr>
<td>Weight</td>
<td>2.6 lbs / 1.2 kg</td>
</tr>
<tr>
<td>Oscillations per minute</td>
<td>8,000-20,000 opm</td>
</tr>
<tr>
<td>Accessory compatibility</td>
<td>Starlock®, StarlockPlus®</td>
</tr>
<tr>
<td>Brushless motor</td>
<td>•</td>
</tr>
<tr>
<td>Double LED Illumination</td>
<td>•</td>
</tr>
<tr>
<td>Tool-less magnetic blade change</td>
<td>•</td>
</tr>
</tbody>
</table>

Standard equipment:

Case, curved-tec
StarlockPlus® wood + metal blade (626945000)
## CORDLESS DRILLING, RIVETING AND TAPPING

### Rivet Gun
**Model**
**NP 18 LTX BL 5.0**

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

### BE 18 LTX 6
**Model**
**BE 18 LTX 6 600261890**

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

### GB 18 LTX BL Q I
**Model**
**GB 18 LTX BL Q I 60302890**

<table>
<thead>
<tr>
<th>Bare Tool</th>
<th>GB 18 LTX BL Q I 60302890</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gearbox</td>
<td>2-speed</td>
</tr>
<tr>
<td>Aluminum die-cast gear housing</td>
<td>•</td>
</tr>
<tr>
<td>Quick change chuck</td>
<td>•</td>
</tr>
<tr>
<td>Planetary gearing</td>
<td>•</td>
</tr>
<tr>
<td>Electronic brake</td>
<td>•</td>
</tr>
<tr>
<td>LED light</td>
<td>•</td>
</tr>
<tr>
<td>Impulse mode for removal of damaged screws and spot drilling on smooth surfaces</td>
<td>•</td>
</tr>
</tbody>
</table>
| 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 |
| Standard equipment: | Side handle 314001030
Quick change tapping chuck: M8-M12 627237000
Quick change tapping chuck: M4-M6 627235000
Belt hook 316052120
Bit depot 316052130 |
| Optional equipment: | Quick change chuck 627240000
Quick Power X3 torque multiplier 627256000
Quick right angle attachment 627242000
Quick Magnetic Bit Holder 627241000 |

## WORLD’S FIRST
18V Tapping Tool

**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

**LEARN MORE!**
**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>SSD 18 LTX 200 BL</th>
<th>SSW 18 LTX 300 BL</th>
<th>SSW 18 LTX 400 BL</th>
<th>SSW 18 LTX 600</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1/4” Hex Impact Driver</strong></td>
<td>1/4” Hex Impact Driver</td>
<td>1/2” Impact Wrench</td>
<td>18V Brushless High Torque</td>
<td>18V High Torque</td>
</tr>
<tr>
<td><strong>Impact Driver/Impact Wrenches</strong></td>
<td>SSD 18 LTX 200 BL 602396520 Kit: 2x 4.0 Ah LiHD</td>
<td>SSW 18 LTX 300 BL 602395520 Kit: 2x 4.0 Ah LiHD</td>
<td>SSW 18 LTX 400 BL US602205550 Kit: 2x 5.5 Ah LiHD</td>
<td>SSW 18 LTX 600 US602198550 Kit: 2x 5.5 Ah LiHD</td>
</tr>
<tr>
<td>Kit: 2x 4.0 Ah LiHD</td>
<td>Bare: 602396890</td>
<td>Bare: 602395890</td>
<td>Bare: 602205890</td>
<td>Bare: 602198890</td>
</tr>
<tr>
<td><strong>Bare:</strong></td>
<td>Bare: 602396890</td>
<td>Bare: 602395890</td>
<td>Bare: 602205890</td>
<td>Bare: 602198890</td>
</tr>
</tbody>
</table>

**APS mode**: Automatic Power Shift (APS) monitors drilling speed and automatically adjusts torque when driving self-tapping screws

**Electronics**

- Variospeed (V)

**Speed range**

- 12 settings

**Aluminum die-cast gear housing**

- *

**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

**Carrying case* (standard) - kit only**

- 344455010

**Standard equipment (depending on version):**

- 2-18V 5.5 Ah LiHD ext. batteries*
- 2-18V 4.0 Ah LiHD ext. batteries*
- Charger*
- Belt hook
- Bit depot

- *Note: Standard equipment is only available w/kits

**Optional equipment:**

- Adaptor 1/2” sq. to 1/4” hex

**SB 18 LTX BL I + SSD 18 LTX 200 BL Combo Kit**

**1/2” Hammer Drill + 1/4” Impact Driver**

**US685127520**

**SB 18 LTX BL I**

**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

**Standard equipment:**

- Side handle 314001030
- Belt hook 316052120
- Bit depot 316052130

**SSD 18 LTX 200 BL**

**Gearbox**

- *

**Planetary gearing**

- *

**Electronic brake**

- *

**LED light**

- *

**Impuls mode**

- *

**Max. tightening torque:**

- *

**Maximum drilling capacity:**

- *

**No-load speed (RPM)**

- *

**Max impacts/min (hammer drills only)**

- *

**Standard equipment:**

- Belt hook 316052120
- Bit depot 316052130

**Includes 2x5.2 Ah Li-Ion Batteries, Charger and Carrying Case**
The Right Drill for the Right Application

Quick Change Chuck with 1/4" hex bit holder

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

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

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

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

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

LEARN MORE!

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
#602320620 (1 X 2.0Ah)

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

Super Duty

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.

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

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

EXTREME DUTY

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

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

NEW

1/2" Brushless Drill/Driver
BS 18 LT BL
#602334890 (BARE)
#602334520 (2x 5.2Ah)

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

The Right Drill for the Right Application
# CORDLESS DRILL/DRIVERS

<table>
<thead>
<tr>
<th>Model: Drill/Drivers</th>
<th>BS 18 L Quick</th>
<th>BS 18 LT BL</th>
<th>BS 18 LT BL Q</th>
<th>BS 18 LTX BL I</th>
<th>BS 18 LTX-3 BL Q I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>602320620</td>
<td>602325520</td>
<td>602350520</td>
<td>602355620</td>
<td>602357620</td>
</tr>
<tr>
<td></td>
<td>Kit: 1 x 2.0 Ah</td>
<td>Kit: 2 x 2.0 Ah</td>
<td>Kit: 2 x 5.2 Ah</td>
<td>Kit: 2 x 5.5 Ah LiHD</td>
<td>Kit: 2 x 5.5 Ah LiHD</td>
</tr>
<tr>
<td></td>
<td>Bare: 602325890</td>
<td>Bare: 602316890</td>
<td>Bare: 602334890</td>
<td>Bare: 602350890</td>
<td>Bare: 602357840</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gearbox</td>
<td>2-speed</td>
<td>2-speed</td>
<td>2-speed</td>
<td>3-speed</td>
<td></td>
</tr>
<tr>
<td>Aluminum die-cast gear housing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quick change chuck</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Planetary gearing</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Electronic brake</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>LED light</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Impulse mode for removal of damaged screws and spot drilling on smooth surfaces</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Maximum tightening torque:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Hard case (maximum)</td>
<td>442 in. lbs.</td>
<td>664 in. lbs.</td>
<td>664 in. lbs.</td>
<td>1,062 in. lbs.</td>
<td>1,062 in. lbs.</td>
</tr>
<tr>
<td>Peak Torque</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max chuck capacity (inch.)</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>Maximum drilling capacity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- in mild steel</td>
<td>3/8&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>- in softwood</td>
<td>3/4&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>2-1/2&quot;</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>- in brick/block (hammer drills only)</td>
<td>3/8&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>5/8&quot;</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>No-load speed (RPM)</td>
<td>0-450 / 0-1,800</td>
<td>0-600 / 0-2,100</td>
<td>0-600 / 0-2,100</td>
<td>0-500 / 0-1,850</td>
<td>0-500 / 0-2,050 / 0-3,800</td>
</tr>
<tr>
<td>Max impacts/min (hammer drills only)</td>
<td>31,950</td>
<td>31,950</td>
<td>31,950</td>
<td>32,300</td>
<td>32,300</td>
</tr>
<tr>
<td>Standard equipment:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Side handle</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>314001030</td>
</tr>
<tr>
<td>Batteries (kit only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>314001030</td>
</tr>
<tr>
<td>2.0 Ah Li-Power (see right)</td>
<td>625596000 (1 battery)</td>
<td>625596000 (2 batteries)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 x 5.2 Ah Li-Power</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>625592000</td>
</tr>
<tr>
<td>2 x 5.5Ah LiHD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6255368000</td>
</tr>
<tr>
<td>Quick change chuck</td>
<td>636608000</td>
<td></td>
<td></td>
<td></td>
<td>627240000</td>
</tr>
<tr>
<td>Charger (kit only)</td>
<td>627046000 (ASC 55)</td>
<td>627046000 (ASC 55)</td>
<td></td>
<td></td>
<td>627380000 (ASC 145)</td>
</tr>
<tr>
<td>Belt hook</td>
<td>316052120</td>
<td></td>
<td></td>
<td></td>
<td>316052120</td>
</tr>
<tr>
<td>Bit depot</td>
<td>316052130</td>
<td></td>
<td></td>
<td></td>
<td>316052130</td>
</tr>
<tr>
<td>Quick right angle attachment</td>
<td>627261000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optional equipment:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quick Power X3 torque multiplier</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>627256000</td>
</tr>
<tr>
<td>Quick right angle attachment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>627242000</td>
</tr>
<tr>
<td>Quick Magnetic Bit Holder</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>627241000</td>
</tr>
</tbody>
</table>

**NEW**

BS 18 LT BL Q
1/2” Brushless Drill/Driver

SB 18 LT BL
1/2” Hammer Drill/Driver

BS 18 LTX BL I
1/2” Brushless Drill/Driver

SB 18 LTX BL I
1/2” Hammer Drill/Driver

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

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

## Gearbox
- 2-speed
- 3-speed

## Model Information
- BS 18 L Quick
  - Model: BS 18 L Quick
  - Kit: 1 x 2.0 Ah
  - Bare: 602325890
- BS 18 LT BL
  - Model: BS 18 LT BL
  - Kit: 2 x 2.0 Ah
  - Bare: 602316890
- BS 18 LT BL Q
  - Model: BS 18 LT BL Q
  - Kit: 2 x 5.2 Ah
  - Bare: 602334890
- BS 18 LTX BL I
  - Model: BS 18 LTX BL I
  - Kit: 2 x 5.2 Ah
  - Bare: 602350890
- BS 18 LTX-3 BL Q I
  - Model: BS 18 LTX-3 BL Q I
  - Kit: 2 x 5.5 Ah LiHD
  - Bare: 602357840

## Additional Features
- 1/2” Brushless Drill/Driver
- 1/2” Brushless Hammer Drill/Driver
- 1/2” Brushless Hammer Drill/Driver

## Technical Specifications
- Maximum 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, 31,950, 32,300, 32,300
**CORDLESS SCREW GUNS, CAULKING GUNS, HEAT GUN & MIXER**

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

**Model Bare Tool:**
- SE 18 LTX 2500 620047890

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

**Model Bare Tool:**
- SE 18 LTX 4000 620048890

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

**Model Bare Tool:**
- SE 18 LTX 6000 620049890

### RW 18 LTX 120
Cordless Mixer

**Model Bare Tool:**
- RW 18 LTX 120 601163850

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

**Model Bare Tool:**
- KPA 18 LTX 400 601206850
- KPA 18 LTX 600 601207850

---

**SE 18 LTX 2500**
- Aluminum die-cast gear housing
- Electronic brake
- LED light
- No-load speed (RPM): 0-2,500
- Max. tightening torque: 80 in. lbs
- Max. chuck capacity (inch.): P2
- Maximum drilling capacity: - in mild steel
- Key Application: Wood studs
- Standard equipment:
  - Depth Gauge: 316054470
  - Magnetic Bit holder: 316055470
  - Belt hook: 316052120

**SE 18 LTX 4000**
- Aluminum die-cast gear housing
- Electronic brake
- LED light
- No-load speed (RPM): 0-4,000
- Max. tightening torque: 62 in. lbs
- Max. chuck capacity (inch.): P2
- Maximum drilling capacity: - in mild steel
- Key Application: Generalist
- Standard equipment:
  - Depth Gauge: 316054470
  - Magnetic Bit holder: 316055470
  - Belt hook: 316052120

**SE 18 LTX 6000**
- Aluminum die-cast gear housing
- Electronic brake
- LED light
- No-load speed (RPM): 0-6,000
- Max. tightening torque: 44 in. lbs
- Max. chuck capacity (inch.): P2
- Maximum drilling capacity: - in mild steel
- Key Application: Metal studs
- Standard equipment:
  - Depth Gauge: 316054470
  - Magnetic Bit holder: 316055470
  - Belt hook: 316052120

---

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

**Model Bare Tool:**
- HG 18 LTX 500 610502850

**HG 18 LTX 500**
- LED Light
- Temperature regulation via thumb wheel
- Batteries: Compatible with Metabo LiIon 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.
- Standard Equipment:
  - Wrap around nozzle: 630004000
  - Reducing nozzle: 630005000

**HG 18 LTX 500**
- Discharge force: 1,632 lbs.
- Discharge speed: 3/64” to 3/8” per sec
- Max. cartridge capacity: 15-3/4” (400m/14oz)
- Variable speed
- Cartridge holder: 315420000 (standard)

**HG 18 LTX 500**
- Refillable cartridge
- Advanced electronics
- Temperature regulation via thumb wheel
- Battery options: Metabo LiIon 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.
- Standard Equipment:
  - Wrap around nozzle: 630004000
  - Reducing nozzle: 630005000

See page 141 for more heat guns

---

**RW 18 LTX 120**
Cordless Mixer

**Model Bare Tool:**
- RW 18 LTX 120 601163850

**RW 18 LTX 120**
- Rated no-load speed: 760 RPM
- Electronics: VC
- Overload protection
- Max. stiring paddle dia.: 4.7” (120mm)
- Paddle connection: M14
- Mixing capacity with 5.2 Ah battery: 113 Gal of paint

**RW 18 LTX 120**
- Discharge force: 26 Gal of concrete / mortar mix
- Discharge speed: 23” RS-R2 mixing paddle (626738000)
Type RS-R2 right spiral – mixing effect from bottom to top: Ideal for all sticky and viscous materials

**RW 18 LTX 120**
- Discharge force: 26 Gal of concrete / mortar mix
- Discharge speed: 23” RS-R3 mixing paddle (626735000)
Type RS-R3 right spiral – mixing effect from bottom to top: Ideal for heavy and viscous materials

---

2 Phillips Bits
180mm
#631582000

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LEARN MORE!
**8V Rotary Hammer with Integrated Dust Collection**
KHA 18 LTX BL 24 Quick + ISA 18 LTX

---

**Model**
5.2 Ah Kit: 2 Li-Ion 5.2 Ah Batteries

**Hammer and Dust Extraction (w/o battery kit)**

<table>
<thead>
<tr>
<th>Bare Tool:</th>
<th>KHA 18 LTX BL 24 Q + ISA 18 LTX (18V) 600211950 (+ Dust Extraction)</th>
<th>KHA 36-18 LTX 32 (2x 18V) n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Single blow energy (EPTA)</td>
<td>2.2 J</td>
<td>3.1 J</td>
</tr>
<tr>
<td>Metabo safety slip clutch</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Rotation stop for chiseling</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Max tightening torque (inch lbs.)</td>
<td>133</td>
<td>142</td>
</tr>
<tr>
<td>360° Anti-vibration side handle</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>MVT vibratech handles</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- in concrete (using chuck adaptor)</td>
<td>1&quot;</td>
<td>1 1/4&quot;</td>
</tr>
<tr>
<td>- in mild steel (using chuck adaptor)</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>- in softwood</td>
<td>1&quot;</td>
<td>1 3/16&quot;</td>
</tr>
<tr>
<td>No-load speed (RPM)</td>
<td>0-1,200</td>
<td>0-1,100</td>
</tr>
<tr>
<td>No-load blows per minute (BPM)</td>
<td>0-4,500</td>
<td>0-4,500</td>
</tr>
<tr>
<td>Standard equipment:</td>
<td>Side handle (314001140) 3-jaw keyless quick chuck (631968000) (2) 18V 5.2 Ah Batteries (625592000) 627046000 (ASC 55)</td>
<td>MVT Side handle (314001380) 3-jaw keyless quick chuck (631968000) Depth gauge (341511630)</td>
</tr>
<tr>
<td>Optional equipment:</td>
<td></td>
<td>Dust extraction adaptor (630829000)</td>
</tr>
</tbody>
</table>

---

Ask for the objective data
## CORDLESS SAWSA

### STA 18 LTX 100
18V Jigsaw

### STAB 18 LTX 100
18V Jigsaw

### STA 18 LTX 140
18V Jigsaw

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

See jigsaw 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
- **Circular cutting and parallel guide** #623591000
- **Guide rail adaptor** #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
**CORDLESS SAWS**

**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)**

- 5.5 Ah Kit: 2 x liHD 5.5 Ah Batteries, Charger + Blades

**Bare Tool:**

- Dual blade capability - recip & jigsaw blade
- Aluminum die-cast gear housing
- “Quick” tool-less blade change
- Adjustable depth shoe
- Unique Metabo brushless motor
- Ergonomic rubber coated handle
- LED light
- No-load speed (SPM): 0-2,700
- Stroke length: 1 1/16" (Hex key [344161520])
- Standard equipment: Hex key [344161520], (1) Blade [628265000] (Kit only), Carrying case (1) Blade [631925000] (Kit only)

**PowerMaxx SSE 12 BL Compact (12V)**

- Dual blade capability - recip & jigsaw blade
- Aluminum die-cast gear housing
- “Quick” tool-less blade change
- Adjustable depth shoe
- Unique Metabo brushless motor
- Ergonomic rubber coated handle
- LED light
- No-load speed (SPM): 0-3,000
- Stroke length: 5/8" (1 Blade [628265000])
- Standard equipment: Hex key [344161520], (1) Blade [628265000] (Kit only), Carrying case (1) Blade [631925000] (Kit only)

**SSE 18 LTX Compact (18V)**

- Dual blade capability - recip & jigsaw blade
- Aluminum die-cast gear housing
- “Quick” tool-less blade change
- Adjustable depth shoe
- Unique Metabo brushless motor
- Ergonomic rubber coated handle
- LED light
- No-load speed (SPM): 0-3,000
- Stroke length: 1/2" (1 Blade [626566000])
- Standard equipment: Hex key [344161520], (1) Blade [626566000] (Kit only), Carrying case (1) Blade [631925000] (Kit only)

**SSE 18 LTX BL Compact (18V)**

- Dual blade capability - recip & jigsaw blade
- Aluminum die-cast gear housing
- “Quick” tool-less blade change
- Adjustable depth shoe
- Unique Metabo brushless motor
- Ergonomic rubber coated handle
- LED light
- No-load speed (SPM): 0-3,000
- Stroke length: 5/8" (1 Blade [626566000])
- Standard equipment: Hex key [344161520], (1) Blade [626566000] (Kit only), Carrying case (1) Blade [631925000] (Kit only)

---

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

**Model Bare Tool:**

- 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
- Standard equipment: Carbide blade 18T [628272000], Rip guide [331050820], Hexagonal wrench [344161520]

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

**Model Bare Tool:**

- Electronic features:
  - 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
- Standard equipment:
  - Reversible carbide blades
  - Rip guide
  - Setting gauge
  - Chip ejection adaptor
  - Fabric dust bag

---

See recip saw blades page 37

See all guide rail accessories page 35

6-1/2" “Classic” Precision Cut Carbide Blade
(18 teeth)

#628272000

---

NEW

BRUSHLESS MOTOR
### CORDLESS SHOP FAN, BLOWER, VAC AND USB CHARGER

#### 18V Shop Fan
**AV 18**

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

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Bare Tool:</th>
<th>AG 18 602242850</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM</td>
<td>92</td>
<td></td>
</tr>
<tr>
<td>Adjustable length blowpipe for quick and easy changes between working at floor level or on workbenches</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Rubber nozzle to avoid damaging soft materials</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Overload protection and single cell protection</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>

#### 12V-18V AM/FM Bluetooth Jobsite Radio
**R 12-18 BT**

<table>
<thead>
<tr>
<th>Model</th>
<th>Bare Tool:</th>
<th>R 12-18 BT 600777520</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power: Batteries or Plug-in</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Programmable</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Bluetooth</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>LCD Display</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>AC Adaptor</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Operates with (Li-Power or LiHD) slide-on battery packs</td>
<td>12V-18V</td>
<td></td>
</tr>
<tr>
<td>Jobsite tough</td>
<td>IP54 Water/Dust Protection</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Bare Tool:</th>
<th>AS 18 PC HEPA 602021860</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press clean: manual filter cleaning uses powerful air stream</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Dual power setting: Eco-mode for extended run time. Boost for powerful suction</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Non-slip rubber base</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Metaloc box, designed for stacking</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Capacity display</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Run time</td>
<td>20 min / 40 min (ECO)</td>
<td>74</td>
</tr>
<tr>
<td>Airflow, CFM</td>
<td>74</td>
<td></td>
</tr>
<tr>
<td>Max. vacuum pressure mBar</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Container capacity (dry pick-up)</td>
<td>2 gallons</td>
<td></td>
</tr>
</tbody>
</table>

#### Equipment:
- **Standard:** Fleece bag (630173000)
- **Optional:** Stretchable suction hose (630176000), Collapsed length 2.5 ft, extends 11 ft, Additional brush ring (628215000), Floor nozzle (630320000), Crevice tool (630323000)

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

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

**ULA 14.4-18 600369000**
- 12 position head
- Single LED / 280 Lumens
- Bright, consistent white light

**Model Bare Tool:**

**SLA 14.4-18 LED 600370000**
- Head swivels 180°
- 6 LEDS / 480 Lumens
- Bright, white DIFFUSED LIGHT

**Model Bare Tool:**

**ULA 14.4-18 Industrial**
- Range 30 meters / 100 ft.
- LED display
- Impact resistant
- Rubber grip
- Length
- Area
- Volume
- Continuous measurement

**Model Bare Tool:**

**BSA 14.4-18 5.2Ah Kit**
- 1 Li-Ion 5.2 Ah Battery, Charger + Soft Tool Bag
- Head swivels 180°
- 18 Powerful LEDS
- Brightness 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) (6237290000)
- Magnet base optional standard

**Model Bare Tool:**

**BSA 14.4-18 Industrial**
- HEAD SWIVELS 180°
- 18 Powerful LEDS
- Brightness 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) (6237290000)
- Magnet base optional standard

**Model Bare Tool:**

**BSA 14.4-18 602111850**
- Head swivels 180°
- 18 Powerful LEDS
- Brightness 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) (6237290000)
- Magnet base optional standard

**Model Bare Tool:**

**BSA 14.4-18 Industrial 602111010**
- Head swivels 180°
- 18 Powerful LEDS
- Brightness 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) (6237290000)
- Magnet base optional standard

**Model Bare Tool:**

**BSA 14.4-18 US602111750**
- Head swivels 180°
- 18 Powerful LEDS
- Brightness 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) (6237290000)
- Magnet base optional standard
18V BATTERIES

Li-Ion Power

2.0 Ah Li-Ion

625596000
Most compact for maximum flexibility.

5.2 Ah Li-Ion

625592000
Generous runtime for heavy applications.

4.0 Ah LiHD Compact

625368000
Extreme power output, run-time and performance for largest range of applications.

5.5 Ah LiHD

625369000
The ultimate professional battery for the most power in demanding industrial applications.

8.0 Ah LiHD

625369000
For 12V, 18V and 36V batteries (charges 18V 8.0Ah in 1 hour)

10.0 Ah LiHD

625549000
The ultimate professional battery for the longest runtime for industrial applications.

18V BATTERY KITS

<table>
<thead>
<tr>
<th>Order#</th>
<th>Desc.</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>US62534202</td>
<td>LiHD Ultra-M Pro Kit</td>
<td>(2) 5.5 Ah, Carrying Case, Charger</td>
</tr>
<tr>
<td>US625596020</td>
<td>Ultra-M Compact Kit</td>
<td>(2) 2.0 Ah, Carrying Case, Charger</td>
</tr>
<tr>
<td>US625596052</td>
<td>Ultra-M Starter Kit</td>
<td>2.0 Ah + 5.2 Ah, Carrying Case, Charger</td>
</tr>
<tr>
<td>US625596252</td>
<td>Ultra-M Professional Kit</td>
<td>(2) 5.2 Ah, Carrying Case, Charger</td>
</tr>
<tr>
<td>US625367002</td>
<td>LiHD Compact Kit</td>
<td>(2) 4.0 Ah, Carrying Case, Charger</td>
</tr>
<tr>
<td>US625369011</td>
<td>LiHD + 8.0 Ah LiHD Kit</td>
<td>4.0 Ah + 8.0 Ah, Carrying Case, Charger</td>
</tr>
<tr>
<td>US625369002</td>
<td>LiHD Pro Kit</td>
<td>(2) 8.0 Ah, Carrying Case, Charger</td>
</tr>
</tbody>
</table>

PA 14.4-18 LED-USB

600288000 (BARE)
USB Charger and Adaptor

18V BATTERIES AND CHARGERS

CHARGERS

ASC Multi 8

627301000
Air-Cooled Multi-Bay Charger

ASC 55 Air-Cooled Charger

627046000
For 12V, 18V and 36V batteries (charges 18V 4.0Ah in 68 min)

ASC 145 Fast Air-Cooled Charger

627380000
For 12V, 18V and 36V batteries (charges 18V 8.0Ah in 1 hour)

ASC 145 Duo Fast Air-Cooled Charger

627497000
For 12V, 18V and 36V batteries (charges 18V 8.0Ah in 1 hour)

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

Coming Fall 2020

NEW
**ADAPTORS AND TORQUE MULTIPLIER**

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

- **Quick Change Right Angle Drive Adaptor**
  - 627242000

- **Right Angle Drive Adaptor**
  - 631078000

- **Quick Change Right Angle Drive Adaptor**
  - 627261000 For BS 12 BL Quick
  - 627261000 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
  - 636600000 - 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**
  - 629010000
    - 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

- **Guide Rail FS 80**
  - 629010000
  - 32 inch.
### JIGSAW BLADES (BAYONET FITTING)

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

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>For wood the &gt;Classic&lt; series low-price and reliable</td>
<td>HCS milled</td>
<td>HCS</td>
<td>2”</td>
<td>12</td>
<td>Hardwood, softwood, chip-board, block-board, fibre-board, 7/64”-9/16” in., plastics, insulation materials</td>
<td>T119B</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Classic&lt; series low-price and reliable</td>
<td>HCS milled</td>
<td>HCS</td>
<td>2”</td>
<td>12</td>
<td>As above, 7/64”-3/4” in., specially for curved cuts</td>
<td>T119BO</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Classic&lt; series low-price and reliable</td>
<td>HCS milled</td>
<td>HCS</td>
<td>3”</td>
<td>8</td>
<td>For quick, rough cuts in hardwood, softwood, plastics, 7/32”-2” in.</td>
<td>T111C</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Classic&lt; series low-price and reliable</td>
<td>HCS milled</td>
<td>HCS</td>
<td>3 1/2”</td>
<td>10</td>
<td>For quick, rough cuts in hardwood, softwood, plastics, 7/32”-2” in.</td>
<td>U101B</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>3”</td>
<td>6</td>
<td>Hardwood, softwood, chip-board, block-board, 7/32”-2” in., for quick cuts</td>
<td>T144D</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>5”</td>
<td>6</td>
<td>Hardwood, softwood, chip-board, block-board, structural timber, 1/4”-4” in., for quick cuts</td>
<td>T344D</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>2”</td>
<td>18</td>
<td>Softwood, plywood, plastics, 1/16”-9/16” in., for a non-splintering cut, specially for curved cuts</td>
<td>T101AO</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>6”</td>
<td>6</td>
<td>Hardwood, softwood up to 1 1/4” in., chip-board, block-board</td>
<td>T744D</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>5”</td>
<td>10</td>
<td>Hardwood, softwood, chip-board, block-board, plastics, 1/8”-1 3/16” in., for a really clean cut</td>
<td>T101B</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>3 1/2”</td>
<td>10</td>
<td>Hardwood, softwood, chip-board, block-board, fibre-board, coated boards, 1/8”-1 3/16” in., for a really clean cut</td>
<td>T101BR</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>3”</td>
<td>6</td>
<td>Hardwood, softwood, chip-board, block-board, fibre-board, 3/8”-1 3/4” in., for a really clean cut</td>
<td>T101D</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>3 1/2”</td>
<td>8</td>
<td>Hardwood, softwood, chip-board, block-board, fibre-board, 3/8”-2 3/8” in., for a really clean cut</td>
<td>T301CD</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Professional&lt; series quick, clean, accurate cuts</td>
<td>HCS ground</td>
<td>HCS</td>
<td>4”</td>
<td>6</td>
<td>Extra thick, for accurate, precisely angled cuts in hardwood, softwood, chip-board, block-board, fibre-board, 7/32”-4” in.</td>
<td>T344DP</td>
<td>5</td>
</tr>
<tr>
<td>For wood the &gt;Pionier&lt; series quick, clean cuts in wood of all thicknesses</td>
<td>HCS ground</td>
<td>HCS</td>
<td>3 1/2”</td>
<td>progressive</td>
<td>Straight, clean cuts in wood-based materials, thick or thin, 7/64”-9/16” in., for quick cuts</td>
<td>T234X</td>
<td>5</td>
</tr>
<tr>
<td>For metal the &gt;Classic&lt; series low-price and reliable</td>
<td>HSS milled</td>
<td>HSS</td>
<td>2”</td>
<td>36</td>
<td>Sheet-steel, up to 1/16” in., non-ferrous metals</td>
<td>T118G</td>
<td>5</td>
</tr>
<tr>
<td>For metal the &gt;Classic&lt; series low-price and reliable</td>
<td>HSS milled</td>
<td>HSS</td>
<td>2”</td>
<td>24</td>
<td>Sheet-steel, 3/64”-1/8” in., non-ferrous metals</td>
<td>T118A</td>
<td>5</td>
</tr>
<tr>
<td>For metal the &gt;Classic&lt; series low-price and reliable</td>
<td>HSS milled</td>
<td>HSS</td>
<td>2”</td>
<td>12</td>
<td>Sheet-steel, 1/8”-1/4” in., non-ferrous metals</td>
<td>T118B</td>
<td>5</td>
</tr>
<tr>
<td>For metal the &gt;Classic&lt; series low-price and reliable</td>
<td>HSS milled</td>
<td>HSS</td>
<td>2 1/4”</td>
<td>13</td>
<td>Sheet-steel, 1/8”-1/4” in., non-ferrous metals</td>
<td>U118B</td>
<td>5</td>
</tr>
<tr>
<td>For metal the &gt;Professional&lt; series shatter-proof, long useful life</td>
<td>BiM milled</td>
<td>BiM</td>
<td>4”</td>
<td>progressive</td>
<td>Universal blade for wood (even with nails), metals, non-ferrous metals, and plastics</td>
<td>T345XF</td>
<td>5</td>
</tr>
<tr>
<td>For metal the &gt;Pionier&lt; series quick, clean cuts in materials of all thicknesses</td>
<td>BiM milled</td>
<td>BiM</td>
<td>3 1/2”</td>
<td>progressive</td>
<td>Universal blade for thick / thin sheet-steel, 1/16”-3/8” in., non-ferrous metals up to 1 3/16” in.</td>
<td>T123X</td>
<td>5</td>
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</table>
### Jigsaw Blades - bayonet fitting (continued)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>For Aluminum and non-ferrous metals</td>
<td>the &gt;Expert&lt; series</td>
<td>Aluminum</td>
<td>HSS/BiM</td>
<td>3 1/2&quot;</td>
<td>8</td>
<td>T301CHM</td>
<td>623687000</td>
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<tr>
<td>Side-set, milled</td>
<td>HSS</td>
<td>3&quot;</td>
<td>Aluminum, 1/8&quot;-9/16&quot; in., non-ferrous metals, 1/8&quot;-3/4&quot; in., plastics for quick cuts</td>
<td>T127D</td>
<td>5</td>
<td>623690000</td>
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<tr>
<td>For plastics</td>
<td>the &gt;Expert&lt; series</td>
<td>plastics</td>
<td>HM ground</td>
<td>3 1/2&quot;</td>
<td>8</td>
<td>T150</td>
<td>623658000</td>
</tr>
<tr>
<td>Ground</td>
<td>HM</td>
<td>6&quot;</td>
<td>Glass-fibre-reinforced plastics, 7/32&quot;-2 3/8&quot; in.</td>
<td>S918B</td>
<td>5</td>
<td>631130000</td>
<td></td>
</tr>
<tr>
<td>For plexiglass</td>
<td>the &gt;Expert&lt; series</td>
<td>plexiglass</td>
<td>HM grit</td>
<td>2&quot;</td>
<td>Fine</td>
<td>T1120CF</td>
<td>631990000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>HSS</td>
<td>3&quot;</td>
<td>Ceramics, glass, glass-fibre-reinforced plastics, cast-iron</td>
<td>T127D</td>
<td>5</td>
<td>623690000</td>
<td></td>
</tr>
<tr>
<td>For ceramic materials</td>
<td>the &gt;Expert&lt; series</td>
<td>ceramics</td>
<td>HM grit</td>
<td>9&quot;</td>
<td>6</td>
<td>S928DF</td>
<td>631907000</td>
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<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>9&quot;</td>
<td>Plaster-board, 5/16&quot;-4&quot; in., for a really clean cut</td>
<td>S1411VF</td>
<td>5</td>
<td>631987000</td>
<td></td>
</tr>
<tr>
<td>For wood and metal</td>
<td>the &gt;Flexible&lt; series</td>
<td>shatter-proof, flexible</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S1531L</td>
<td>631916000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>HSS</td>
<td>6&quot;</td>
<td>Sheets, 7-64&quot;-5/16&quot; in., sections, 3 1/2&quot;-6 1/2&quot; in.</td>
<td>S918B</td>
<td>5</td>
<td>631130000</td>
<td></td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922EF</td>
<td>5</td>
<td>631450000</td>
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</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922EF</td>
<td>5</td>
<td>631450000</td>
<td></td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>9&quot;</td>
<td>Sheets, 7/32&quot;-3/8&quot; in., pipes, sections, 3/4&quot;-7 1/2&quot; in., flush cuts</td>
<td>S922EF</td>
<td>5</td>
<td>631450000</td>
<td></td>
</tr>
<tr>
<td>For metal</td>
<td>the &gt;Professional&lt; series</td>
<td>quick, stable, for really tough jobs</td>
<td>BiM milled</td>
<td>9&quot;</td>
<td>9 3/4&quot;</td>
<td>S1110CF</td>
<td>631930000</td>
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<tr>
<td>Side-set, milled</td>
<td>HSS</td>
<td>9&quot;</td>
<td>Sheets, 7/32&quot;-3/8&quot; in.; pipes, sections, 3/4&quot;-7 1/2&quot; in., ideal for pipe-cutting equipment, for demolition work</td>
<td>S1120CF</td>
<td>5</td>
<td>631930000</td>
<td></td>
</tr>
<tr>
<td>For wood and metal</td>
<td>the &gt;Professional&lt; series</td>
<td>quick, stable, for really tough jobs</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S1110D</td>
<td>631926000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922VF</td>
<td>5</td>
<td>631492000</td>
<td></td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>9&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922VF</td>
<td>5</td>
<td>631492000</td>
<td></td>
</tr>
<tr>
<td>For wood (even with nails)</td>
<td>the &gt;Flexible&lt; series</td>
<td>stable, quick</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S141DF</td>
<td>631987000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922VF</td>
<td>5</td>
<td>631492000</td>
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<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>9&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922VF</td>
<td>5</td>
<td>631492000</td>
<td></td>
</tr>
<tr>
<td>For special applications</td>
<td>the &gt;Expert&lt; series</td>
<td>Plaster-board, 5/16&quot;-4&quot; in., for a really clean cut</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>5 3/8&quot;</td>
<td>S628DF</td>
<td>631907000</td>
</tr>
</tbody>
</table>

### Reciprocating Saw Blades - with 1/2 inch universal fitting

<table>
<thead>
<tr>
<th>Saw-blade/Type</th>
<th>Material</th>
<th>Length x Width x Thickness</th>
<th>Teeth Per Inch</th>
<th>Uses</th>
<th>Corr. Bosch Type</th>
<th>Pcs./Pk.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For metal</td>
<td>the &gt;Classic&lt; series</td>
<td>low-price and reliable</td>
<td>HSS milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S918B</td>
<td>631130000</td>
</tr>
<tr>
<td>Wavy-set, milled</td>
<td>HSS</td>
<td>5/8&quot; x .035</td>
<td>14</td>
<td>Sheets, 7-64&quot;-5/16&quot; in., sections, 3 1/2&quot;-6 1/2&quot; in.</td>
<td>S1122BF</td>
<td>5</td>
<td>631490000</td>
</tr>
<tr>
<td>For metal</td>
<td>the &gt;Flexible&lt; series</td>
<td>shatter-proof, flexible</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S922EF</td>
<td>631415000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922EF</td>
<td>5</td>
<td>631450000</td>
<td></td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Sheets, 1/32&quot;-1/8&quot; in., pipes, sections, 1/32&quot;-4&quot; in.</td>
<td>S922EF</td>
<td>5</td>
<td>631450000</td>
<td></td>
</tr>
<tr>
<td>For metal</td>
<td>the &gt;Professional&lt; series</td>
<td>stable, precise, for really tough jobs</td>
<td>BiM milled</td>
<td>9&quot;</td>
<td>3 1/4&quot;</td>
<td>S1120CF</td>
<td>631930000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>9&quot;</td>
<td>Sheets, 7/32&quot;-3/8&quot; in.; pipes, sections, 3/4&quot;-7 1/2&quot; in., ideal for pipe-cutting equipment, for demolition work</td>
<td>S1120CF</td>
<td>5</td>
<td>631930000</td>
<td></td>
</tr>
<tr>
<td>For wood and metal</td>
<td>the &gt;Flexible&lt; series</td>
<td>shatter-proof, flexible</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S922VF</td>
<td>631492000</td>
</tr>
<tr>
<td>For wood and metal</td>
<td>the &gt;Professional&lt; series</td>
<td>quick, stable, for really tough jobs</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S612DF</td>
<td>631925000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Wood, wood with nails or metal inserts 3/8&quot;-4&quot; in., plastics, reconstruction work demolition and reconstruction work</td>
<td>S612DF</td>
<td>5</td>
<td>631925000</td>
<td></td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>9&quot;</td>
<td>Wood, wood with nails or metal inserts 3/8&quot;-4&quot; in., plastics, demolition and reconstruction work</td>
<td>S1110DF</td>
<td>5</td>
<td>631926000</td>
<td></td>
</tr>
<tr>
<td>For wood (even with nails)</td>
<td>the &gt;Flexible&lt; series</td>
<td>stable, quick</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>3 1/2&quot;</td>
<td>S141DF</td>
<td>631987000</td>
</tr>
<tr>
<td>Side-set, milled</td>
<td>BiM</td>
<td>6&quot;</td>
<td>Wood (even with nails), plastics, chip-board, 3/8&quot;-10&quot; in.</td>
<td>S1411VF</td>
<td>5</td>
<td>631987000</td>
<td></td>
</tr>
<tr>
<td>For special applications</td>
<td>the &gt;Expert&lt; series</td>
<td>Plaster-board, 5/16&quot;-4&quot; in., for a really clean cut</td>
<td>BiM milled</td>
<td>6&quot;</td>
<td>5/8&quot;</td>
<td>S628DF</td>
<td>631907000</td>
</tr>
</tbody>
</table>
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.

29 Piece Bit Box + Mini Flashlight
626721000
(Must be ordered in increments of 12)

Included:
1" Insert Bits (21 pcs.): PH 1 x 1, PH 2 x 2, PH 3 x 1; PZ 1 x 1, PZ 2 x 2; PZ 3 x 1; SL 3 x 1, SL 5 x 1; Hex M3 x 1, Hex M4 x 1, Hex M5 x 1, Hex M6 x 1; Torx 10 x 1, 15 x 1, 20 x 2, 25 x 1, 30 x 1, 40 x 1
L= 2" Power bits (6 pcs.): PH 2 x 1; PZ 2 x 1; Torx 20 x 1, 25 x 1; SL 4.5 x 1, Hex M4 x 1
1 x ¼" hex to ¼" square socket adapter
1 x magnetic quick change bit holder
Includes mini-flashlight: CRR-LED, 100 lumen, light range 100 m, duration of illumination 180 min.

Screwdriver Bits

1" Phillips Bits 1/4" Hex. Shank

<table>
<thead>
<tr>
<th>Overall Length</th>
<th>Point Size</th>
<th>Bits/Pkg</th>
<th>Order No.</th>
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<tbody>
<tr>
<td>1&quot;</td>
<td>P-1</td>
<td>25</td>
<td>678101000</td>
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<tr>
<td>1&quot;</td>
<td>P-2</td>
<td>25</td>
<td>678102000</td>
</tr>
<tr>
<td>1&quot;</td>
<td>P-2 reduced</td>
<td>25</td>
<td>678142000</td>
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1" Square Recess Bits 1/4" Hex. Shank

<table>
<thead>
<tr>
<th>Overall Length</th>
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<th>Bits/Pkg</th>
<th>Order No.</th>
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<tbody>
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<tr>
<td>1&quot;</td>
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Phillips Recess Power Bits 1/4" Hex. Shank

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Square Recess Power Bits 1/4" Hex. Shank

<table>
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<th>Order No.</th>
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<td>6&quot;</td>
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</tr>
</tbody>
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**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.

<table>
<thead>
<tr>
<th>Overall Length</th>
<th>Hexagon Opening</th>
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<td>678002000</td>
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<td>1/4”</td>
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<tr>
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<tr>
<td>2 9/16”</td>
<td>7/16”</td>
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<td>678014000</td>
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</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Diameter (inches)</th>
<th>Order No.</th>
<th>Diameter (inches)</th>
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<td>625214000</td>
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</tbody>
</table>

**Mandrels**

- 625215000 9/16” to 1-3/16” adaptor
- 625216000 1-1/4” to 6” adapter

**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)