Accessories
Consumables 1.1
Accessories Contents

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• Always use accessories of correct size and design for the tool. Tool and accessories must not be modified in any way.

• Do not use a tool or attachment for a purpose not intended by the manufacturer.
## Accessories

### General Information

- Our Accessories Range is continually evolving. If you cannot find what you require, please ask.
- All the screwdriver bits conform to ISO1173 and DIN3126 with the exception of the 5/16" Hex Power.
- The hardness shown in the tables refer to hardness figures of 54-57 Rc for “Hard” and 61-63 Rc for “Extra Hard”.

<table>
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<tr>
<th>Drives</th>
<th>Fastener Head Type</th>
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<td><strong>Internal Diameter</strong></td>
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<td><strong>Diameter</strong></td>
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<td>Slot</td>
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<td>* Note: to be used with a bit holder</td>
<td>External Hex</td>
<td><strong>Male Square Drive Size</strong></td>
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Throughout this catalogue please note where this symbol occurs, please refer to the relevant safety notes.

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ACR®, Pozidriv®, Torq-Set®, Tri-Wing® are registered trademarks of Phillips Screw Co.

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For further technical details on application of Screwdrivers see publication LT1153
For information on Ergonomics and workplace design see publication LT198
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Screwdriver Bits

1/4" HEX INSERT (C6.3)

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For 5/16" Hex Power Accessories see page 18.
Screwdriver Bits

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TORX PLUS 1/4" HEX POWER (E6.3)

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NB. Torx Plus bits cannot be used in standard Torx screws. Standard Torx bits will fit Torx Plus screwheads but drive with limited torque transmissions – see table page 47.

3mm HEX POWER (A3)

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**Screwdriver Bits**

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For 5/16" Hex Power Accessories see page 18.
Screwdriver Bits

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For 5/16" Hex Power Accessories see page 18.
# Screwdriver Bits

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For 5/16" Hex Power Accessories see page 19.
### Screwdriver Bits

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For 5/16” Hex Power Accessories see page 19.
### Screwdriver Bits & Finder Sleeves

**FINDER SLEEVES & BITS FOR 3mm HEX POWER (A3) SCREWDRIVER BITS**

To use 3mm Hex Power Bits (A3) with Non Rotating Finder Sleeves spring Part No. 280443 will be required.

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<th>ØA (mm)</th>
<th>ØB (mm)</th>
<th>ØC (mm)</th>
<th>D (mm)</th>
<th>F (part no.)</th>
<th>H (part no.)</th>
<th>H (part no.)</th>
<th>point size</th>
</tr>
</thead>
<tbody>
<tr>
<td>A &amp; B</td>
<td>3</td>
<td>3.1</td>
<td>2.4</td>
<td>3.6</td>
<td>34</td>
<td>81042</td>
<td>80722</td>
<td>80722</td>
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<tr>
<td>A &amp; B</td>
<td>4.3</td>
<td>4.6</td>
<td>4.1</td>
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<td>34</td>
<td>81062</td>
<td>80742</td>
<td>80792</td>
</tr>
<tr>
<td>A &amp; B</td>
<td>4.7</td>
<td>4.85</td>
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<td>5.7</td>
<td>34</td>
<td>81072</td>
<td>80742</td>
<td>80792</td>
</tr>
<tr>
<td>A &amp; B</td>
<td>5.6</td>
<td>5.65</td>
<td>5.1</td>
<td>6.6</td>
<td>34</td>
<td>81082</td>
<td>80752</td>
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<th>ØC (mm)</th>
<th>D (mm)</th>
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<th>H (part no.)</th>
<th>point size</th>
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</thead>
<tbody>
<tr>
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<td>3.1</td>
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<td>3.6</td>
<td>81042</td>
<td>80722</td>
<td>80722</td>
</tr>
<tr>
<td>A &amp; B</td>
<td>3.85</td>
<td>4.1</td>
<td>5.45</td>
<td>81062</td>
<td>80742</td>
<td>80792</td>
</tr>
<tr>
<td>A &amp; B</td>
<td>4.7</td>
<td>5.1</td>
<td>6.6</td>
<td>81082</td>
<td>80752</td>
<td>80792</td>
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<tr>
<td>B</td>
<td>6.6</td>
<td></td>
<td>100</td>
<td>88992</td>
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</table>

Can be used with suction screw pick-up, see page 13.

**VACUUM SCREW PICK-UP KIT FOR SB & SC/S5 SCREWDRIVERS**

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>DESCRIPTION</th>
<th>part no.</th>
<th>PICTURE REF</th>
<th>DESCRIPTION</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Kit (SC+S5):</td>
<td></td>
<td>C</td>
<td>Kit (SB) including:</td>
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<tr>
<td></td>
<td>¼” hex (F6, 3)</td>
<td>75152</td>
<td></td>
<td>Spring Guide</td>
<td>464213</td>
</tr>
<tr>
<td></td>
<td>¾” hex</td>
<td>74762</td>
<td></td>
<td>Spring</td>
<td>464223</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vacuum collar</td>
<td>464233</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vacuum tube (2.3m long)</td>
<td>111223</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Blank finder sleeve machining instructions</td>
<td>464183</td>
</tr>
</tbody>
</table>

**NON-ROTATING FINDER SLEEVE KIT FOR SB SCREWDRIVERS**

<table>
<thead>
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<tr>
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<td>108902</td>
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<td></td>
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<td>Spring</td>
<td>464223</td>
</tr>
<tr>
<td></td>
<td>Blank finder sleeve machining instructions</td>
<td>464183</td>
</tr>
</tbody>
</table>

**Note:** Finder sleeves to suit screw/screwdriver bit must be machined from plastic or steel blanks (see below).

**VACUUM COLLAR**

- Delrin (SB) 3.0 14.2 105 464103
- Steel (SB) 3.0 14.2 105 464093
- Steel (SC+S5) 3.35 15.6 26 464753

**Note:** Finder sleeves to suit screw/screwdriver bit must be machined from plastic or steel blanks (see below).
Suction Screw Pick-up

AIR-POWERED VACUUM ATTACHMENTS FOR BALancers
Desoutter HU Hose Reel Balancers and DU Cable Balancers can be simply converted into a vacuum source by fitting a Vacuum Attachment. Vacuum is adjustable and switches off automatically when screwdriver is released.

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>BALANCER TYPE</th>
<th>VACUUM GAUGE (1mm w.g. = 81.1 mbar)</th>
<th>HOSE LENGTH</th>
<th>HOSE BORE</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>l/s</td>
<td>cfm</td>
</tr>
<tr>
<td>A</td>
<td>HU</td>
<td>4570</td>
<td>0.47</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>DU</td>
<td>4570</td>
<td>0.47</td>
<td>1</td>
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</tbody>
</table>

AIR-POWERED AV201 VACUUM UNIT
The AV201 is installed into the air line system by screwing into the gauge port of a combination filter/regulator or into a tee piece between a regulator and lubricator.

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>VACUUM MERCURY GAUGE</th>
<th>AIR INLET</th>
<th>HOSE LENGTH</th>
<th>HOSE BORE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>l/s</td>
<td>cfm</td>
<td>dB(A)</td>
</tr>
</tbody>
</table>
| C           | 4570 | 0.7 | 1.5 | 54 | 112063 | 2.3 | 4 | 1/

SHAKER TRAYS
Conveniently aligns screw head upwards for easy pick-up with spring sleeve or suction. Dimensions (w x l x h) 45/8” x 33/4” x 27/32”

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>SLOT WIDTH</th>
<th>SCREW SIZE</th>
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<tbody>
<tr>
<td></td>
<td>mm</td>
<td>mm</td>
</tr>
<tr>
<td>D</td>
<td>1.8</td>
<td>M1.4/M1.6</td>
</tr>
<tr>
<td>D</td>
<td>2.0</td>
<td>-</td>
</tr>
<tr>
<td>D</td>
<td>2.4</td>
<td>M2/M2.2</td>
</tr>
<tr>
<td>D</td>
<td>3.4</td>
<td>M3</td>
</tr>
<tr>
<td>D</td>
<td>3.8</td>
<td>M3.5</td>
</tr>
<tr>
<td>D</td>
<td>4.9</td>
<td>M4.5</td>
</tr>
</tbody>
</table>
Designed for use with impact and impulse tools to absorb shock loading.

**1/4" HEX POWER (E6.3)**

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>POINT OR HEX</th>
<th>L</th>
<th>part no.</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>49</td>
<td>9092012111</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>49</td>
<td>9092012141</td>
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**1/4" HEX POWER (E6.3)**

<table>
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<th>POINT OR HEX</th>
<th>L</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>2</td>
<td>49</td>
<td>9092012051</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>49</td>
<td>9092012081</td>
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**1/4" HEX POWER (E6.3)**

<table>
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<th>L</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>4mm</td>
<td>49</td>
<td>9092012291</td>
</tr>
<tr>
<td>C</td>
<td>5mm</td>
<td>49</td>
<td>9092012321</td>
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<tr>
<td>C</td>
<td>6mm</td>
<td>49</td>
<td>9092012351</td>
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**1/4" HEX POWER (E6.3)**

<table>
<thead>
<tr>
<th>PICTURE REF</th>
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</thead>
<tbody>
<tr>
<td>D</td>
<td>T25</td>
<td>49</td>
<td>9092012201</td>
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<tr>
<td>D</td>
<td>T30</td>
<td>49</td>
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</table>
Bit Holders

1/4" HEX INSERT (C6.3)

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>L</th>
<th>A</th>
<th>Q/R</th>
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<tbody>
<tr>
<td>A</td>
<td>43.0</td>
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1/4" HEX POWER (E6.3)

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>L</th>
<th>A</th>
<th>Q/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>50.0</td>
<td>1/4&quot; Hex Power (E6.3)</td>
<td>x</td>
</tr>
<tr>
<td>B</td>
<td>50.0</td>
<td>1/4&quot; Hex Power (D4)</td>
<td>x</td>
</tr>
<tr>
<td>B</td>
<td>50.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>x</td>
</tr>
<tr>
<td>B</td>
<td>73.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
</tr>
<tr>
<td>B</td>
<td>75.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
</tr>
<tr>
<td>B</td>
<td>42.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
</tr>
<tr>
<td>B</td>
<td>74.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
</tr>
<tr>
<td>B</td>
<td>100.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
</tr>
<tr>
<td>B</td>
<td>150.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
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<tr>
<td>B</td>
<td>80.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
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</table>

1) Reduced external diameter 9.5mm (3/8"), no retention clip
2) Copper beryllium
3) With retaining screw

3mm HEX POWER (A3)

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>L</th>
<th>A</th>
<th>Q/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>57.0</td>
<td>4mm Hex Insert (D4)</td>
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</tr>
<tr>
<td>C</td>
<td>57.0</td>
<td>4mm Hex Insert (D4)</td>
<td>X</td>
</tr>
<tr>
<td>C</td>
<td>50.0</td>
<td>1/4&quot; Hex Insert (D6.3)</td>
<td>X</td>
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</tbody>
</table>

For 5/16" Hex Power Accessories see page 20.
Adaptors

SQUARE DRIVE ADAPTORS 1/4” HEX INSERT (C6.3)

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<tbody>
<tr>
<td>A</td>
<td>1/4” Square Drive</td>
<td>39.0</td>
<td>14372</td>
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1/4” HEX POWER (E6.3)

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</thead>
<tbody>
<tr>
<td>B</td>
<td>1/4” Square Drive</td>
<td>35.0</td>
<td>95352</td>
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<tr>
<td>B</td>
<td>1/4” Square Drive</td>
<td>50.0</td>
<td>97132</td>
</tr>
<tr>
<td>B</td>
<td>1/4” Square Drive</td>
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3mm HEX POWER (A3)

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THREAD ADAPTOR 1/4” HEX POWER (E6.3)

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</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>3/8” x 24 UNF</td>
<td>45</td>
<td>96743</td>
</tr>
<tr>
<td>D</td>
<td>3/8” x 24 UNF</td>
<td>35</td>
<td>70853</td>
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EXTENSION ADAPTORS 1/4” HEX POWER

<table>
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</thead>
<tbody>
<tr>
<td>E</td>
<td>1/4” Hex Power E6.3</td>
<td>152</td>
<td>5084613</td>
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</table>

TELESCOPIC SPINDLE EXTENSION ADAPTORS

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</thead>
<tbody>
<tr>
<td>F</td>
<td>1/16” Hex Power</td>
<td>1/4” Square Drive</td>
<td>67</td>
<td>9.5</td>
<td>71193</td>
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<tr>
<td>F</td>
<td>1/4” Hex Power E6.3</td>
<td>1/4” Hex Power E6.3</td>
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<td>96713</td>
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<tr>
<td>F</td>
<td>1/8” Square Drive</td>
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<td>9.5</td>
<td>96723</td>
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For 5/16” Hex Power Accessories see page20.
Nutrunners

1/4" HEX INSERT (C6.3)

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<th>UNF/C</th>
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<th>B</th>
<th>C</th>
<th>L</th>
<th>part no.</th>
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<tbody>
<tr>
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<td>7.0</td>
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<td>28</td>
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<tr>
<td>A</td>
<td>M5</td>
<td>–</td>
<td>8.0</td>
<td>13.0</td>
<td>2.9</td>
<td>28</td>
<td>9092011991</td>
</tr>
<tr>
<td>A</td>
<td>M6</td>
<td>–</td>
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<td>14.0</td>
<td>5.0</td>
<td>32</td>
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1/4" HEX POWER (E6.3)

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<th>UNF/C</th>
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<th>B</th>
<th>C</th>
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<th>part no.</th>
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<tbody>
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<td>65</td>
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<td>M3.5</td>
<td>–</td>
<td>6.0</td>
<td>11.0</td>
<td>3.9</td>
<td>65</td>
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<td>65</td>
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<tr>
<td>B</td>
<td>M4</td>
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<td>12.0</td>
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<td>65</td>
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</tr>
<tr>
<td>B</td>
<td>M5</td>
<td>–</td>
<td>8.0</td>
<td>13.0</td>
<td>5.6</td>
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<tr>
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<td>–</td>
<td>10-1/4</td>
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<td>65</td>
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<td></td>
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<tr>
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<td>M6</td>
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<td>10.0</td>
<td>14.0</td>
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<td>65</td>
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1/4" HEX POWER (E6.3)

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<th>UNF/C</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>L</th>
<th>part no.</th>
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<tbody>
<tr>
<td>C</td>
<td>M3</td>
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<td>5.5</td>
<td>11.0</td>
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For 5/16" Hex Power Accessories see page 20.
### SCREWDRIVER BITS 5/16" HEX POWER

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**SCREWDRIVER BITS – COMBINED BIT AND FINDER SLEEVES 5/16" HEX POWER**

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**SCREWDRIVER BITS 5/16" HEX POWER Accessories**

- **A**: Hex Power Accessories
- **B**: SCREWDRIVER BITS
- **C**: SCREWDRIVER BITS – COMBINED BIT AND SPRING PICK-UP SLEEVES

**Picture of Accessories**

- **Picture A**: Hex Power Accessories
- **Picture B**: SCREWDRIVER BITS
- **Picture C**: SCREWDRIVER BITS – COMBINED BIT AND SPRING PICK-UP SLEEVES
5/16" Hex Power Accessories

BIT HOLDERS 5/16" HEX POWER

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## Bottle Cap Drivers/Nose Attachment Kits

### Bottle Cap Drivers 5/16" HEX Power

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### Nose Attachment Kits for the Assembly of Threaded Captive Fasteners, Rivet Nuts, ETC

Use with Tools 2D189/2F189

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When fitting kit to 2D8, 2F8 models, first remove retaining balls from 1/4" hex screwdriver bit holder.
## Square Drive Adaptors

**SQUARE DRIVE TO SCREWDRIVER BIT ADAPTORS**

### Quick Release and Clip/Ball Retention

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Sockets 1/2" Drive with Male Hex/Stud Runners

HEXAGONAL DRIVES WITH PIN AND O RING RETENTION

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SOCKET 1/2" DRIVE WITH MALE HEX

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STUD RUNNER

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## Extensions – Universal Joints – Adaptors

### Extensions

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**Note:** The diagrams labeled A, B, and C illustrate the respective sections of the table.
# Sockets

**STANDARD 1/4" SQUARE DRIVE IMPACT SOCKETS**

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STANDARD 5# SPLINE DRIVE IMPACT SOCKETS

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Other Products

Drills  
Impact Wrenches  
Fastening Tools  
Measuring Units

Pneumatic Motors  
Installation Accessories  
Grinders  
Electric Nutrunners

Auto Feed Drills and Tappers  
Riveting Tools  
Sanders  
Assembly Systems
Drilling Accessories

QUALITY ACCESSORIES • QUALITY ACCESSORIES • QUALITY ACCESSORIES

Drilling Accessories

Collets ....................... page 36
Chuck Adaptors ............... page 37
Rivet Milling Accessories .... page 37
Dust Extractor Kit ............ page 37
Adaptors, Chuck Keys, Collet Chucks ................ page 38

For further technical details on application of Drills see publication LT1204
## Drilling Accessories

### COLLETS FOR C32, D32, D33, D370, F32

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Part No. 16852 Part No. 69922

No. 1 Taper

Part No. 69872

Part No. 69882
Drilling Accessories

CHUCK ADAPTORS  SCREWDRIVER BIT ADAPTOR, TAPER ADAPTOR & EXTERNAL HEX ADAPTOR

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<tr>
<th>PICTURE REF</th>
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<th>TO</th>
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<td>Jacobs No 2</td>
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<td>Morse No 2</td>
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<td>H</td>
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<td>½&quot; x 20 UN</td>
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<td>I</td>
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MORSE TAPER TO SQUARE DRIVE ADAPTOR

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RIVET MILLING ACCESSORIES – CUTTERS & GUARDS

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DUST EXTRACTOR KIT

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<td>E</td>
<td>C20, C22</td>
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<tr>
<td>E</td>
<td>D22, D23</td>
<td>Requires chuck guard 393793</td>
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<tr>
<td>F</td>
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Drilling Accessories

### Hex. Drive Wood Augers

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<th>Picture Ref</th>
<th>Male Hex</th>
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<td>11.1</td>
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### Cone-Jaw Chuck

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<tr>
<th>Picture Ref</th>
<th>Chuck Capacity</th>
<th>Chuck &amp; Key</th>
<th>Chuck Key</th>
<th>Used On</th>
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<tr>
<td>B</td>
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### Chucks and Keys

<table>
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<tr>
<th>Picture Ref</th>
<th>To Suit Output Spindle</th>
<th>Capacity (Max)</th>
<th>Chuck &amp; Key</th>
<th>Chuck Key</th>
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<tr>
<td>C</td>
<td>3/8 UNF</td>
<td>4</td>
<td>103082</td>
<td>29932</td>
<td>C220</td>
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<td>C</td>
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<td>6.5</td>
<td>28942</td>
<td>29182</td>
<td>C22</td>
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<tr>
<td>C</td>
<td>JTI (tapered shaft)</td>
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<td>25492</td>
<td>29182</td>
<td>D22</td>
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<td>C</td>
<td>3/8 UNF</td>
<td>8</td>
<td>410203*</td>
<td>410213</td>
<td>D23</td>
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<tr>
<td>C</td>
<td>JTI (tapered shaft)</td>
<td>10</td>
<td>29042</td>
<td>29224</td>
<td>F251</td>
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<tr>
<td>C</td>
<td>1/2 UNF</td>
<td>13</td>
<td>29192</td>
<td>29224</td>
<td>H26 (&gt;2000rpm)</td>
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*410203 not supplied with key

### Precision Collet Chuck

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<td>1.25 - 2</td>
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<td>1.75 - 2.5</td>
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<td>E</td>
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<td>5.75 - 6.5</td>
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Abrasives Accessories

QUALITY ACCESSORIES • QUALITY ACCESSORIES • QUALITY ACCESSORIES

Abrasives Accessories

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Wheels ......................... page 43
Polishing/Dust Extraction .... page 44
Carbide Burrs ................. page 45
Mounted Points ............... page 46
Abrasive Accessories

SANDING PADS

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>Ø ABRASIVE DISC Ø</th>
<th>SHAFT</th>
<th>TEXTURE</th>
<th>MAXIMUM OPERATING SPEED</th>
<th>Ø CENTER HOLE</th>
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<td>KA11075-KA11060-KA90..A/B - CP3119-7A - KL2.5B-KL360B-KL165B-KA165B</td>
<td>soft</td>
<td>8,500</td>
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<tr>
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<td>178</td>
<td>M14x200 &amp; ½&quot;-11f</td>
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<td>A</td>
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<td>M14x200</td>
<td>KA90..A16</td>
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<td>KL2.5B-KL360B</td>
<td>hard</td>
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<td>M14x200</td>
<td>KA11075A-KA11060A-KA90..A</td>
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<td>KA11075B-KA11060B-KA90..B</td>
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<td>M14x200</td>
<td>KA11075A-KA11060A-KA90..A</td>
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<td>KA11075B-KA11060B-KA90..B - CP3119-7A</td>
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<td>M14x200</td>
<td>KA90..A16</td>
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<td>KA90..B16 - CP3109 - 2/3WF</td>
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<tr>
<td>E</td>
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<td>½&quot;-11f</td>
<td>Spiracool rubber</td>
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<tr>
<td>E</td>
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<td>Spiracool rubber</td>
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# Abrasive Accessories

## SANDING PADS FOR 5534/5674 RANDOM ORBITAL SANDERS

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<th>TYPE</th>
<th>TYPE</th>
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<td>152mm Vinyl 51422</td>
<td>152mm Vinyl 50992</td>
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<tr>
<td>A</td>
<td>152mm Hook &amp; loop fixing* 51972</td>
<td>(3M – standard)</td>
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<tr>
<td>A</td>
<td>152mm Vinyl 52792</td>
<td>152mm Hookit* 101402</td>
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<td>A</td>
<td>152mm Hook &amp; loop fixing* 52882</td>
<td>152mm Stikit* 101382</td>
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<tr>
<td>A</td>
<td>152mm Vinyl 52792</td>
<td>(3M – soft)</td>
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<td>A</td>
<td>152mm Hook &amp; loop fixing* 52882</td>
<td>152mm Hookit* 104542</td>
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* Vacuum pad
* Hookit and Stikit are the Registered Trademarks of 3M Automotive Traders

## SANDING PADS FOR RANDOM ORBITAL SANDERS

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## SANDING PADS AND BASE PLATES FOR ORBITAL SANDERS

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<td>150 x 75</td>
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<td>170 x 90</td>
<td>Vinyl</td>
<td>SV3 6153500190</td>
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<td>215 x 113</td>
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### Abrasive Accessories

#### SANDING BELTS

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<td></td>
<td>mm</td>
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#### CUP BRUSHES

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<td>Wavy Wire</td>
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#### RADIAL-WIRE BRUSHES

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<td>mm</td>
<td></td>
<td></td>
<td></td>
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<td>100</td>
<td>15.8</td>
<td>Wavy Wire</td>
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**STRAIGHT GRINDING WHEEL** WHEEL TYPE 01 FOR STEEL

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<th>PICTURE REF</th>
<th>FREE SPEED</th>
<th>Ø</th>
<th>E</th>
<th>d</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rpm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>15000</td>
<td>63</td>
<td>12.7</td>
<td>9.5</td>
<td>6158400600</td>
</tr>
<tr>
<td>A</td>
<td>12000</td>
<td>80</td>
<td>20</td>
<td>12.7</td>
<td>6158400810</td>
</tr>
<tr>
<td>A</td>
<td>9500</td>
<td>100</td>
<td>25</td>
<td>15.8</td>
<td>6158401000</td>
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<tr>
<td>A</td>
<td>6400</td>
<td>150</td>
<td>25</td>
<td>15.8</td>
<td>6158401500</td>
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**STRAIGHT GRINDING WHEEL** WHEEL TYPE 18R FOR STEEL

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<th>D</th>
<th>d</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>rpm</td>
<td>mm</td>
<td>in.</td>
</tr>
<tr>
<td>B</td>
<td>15000</td>
<td>63</td>
<td>⅝&quot; x 11T</td>
</tr>
<tr>
<td>B</td>
<td>12000</td>
<td>76</td>
<td>⅝&quot; x 11T</td>
</tr>
</tbody>
</table>

**REINFORCED WHEEL TYPE 41 (1R) FOR STEEL**

<table>
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<th>D</th>
<th>E</th>
<th>d</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rpm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>20000</td>
<td>76</td>
<td>1.8</td>
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<td>6158420810</td>
</tr>
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<td>C</td>
<td>20000</td>
<td>76</td>
<td>6.4</td>
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<tr>
<td>C</td>
<td>10000</td>
<td>150</td>
<td>25</td>
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**DEPRESSED CENTRE WHEEL TYPE 27 & 42° FOR STEEL**

<table>
<thead>
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<th>FREE SPEED</th>
<th>D</th>
<th>E</th>
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<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rpm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>20000</td>
<td>76</td>
<td>2.5</td>
<td>10</td>
<td>6158410060</td>
</tr>
<tr>
<td>D</td>
<td>20000</td>
<td>76</td>
<td>7.0</td>
<td>10</td>
<td>6158410030</td>
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<tr>
<td>D</td>
<td>15000</td>
<td>100</td>
<td>3.2</td>
<td>15.8</td>
<td>6158411030</td>
</tr>
<tr>
<td>D</td>
<td>15000</td>
<td>100</td>
<td>6.4</td>
<td>15.8</td>
<td>6158411060</td>
</tr>
<tr>
<td>D</td>
<td>12000</td>
<td>127</td>
<td>3.2</td>
<td>22.2</td>
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</tr>
<tr>
<td>D</td>
<td>12000</td>
<td>127</td>
<td>4.8</td>
<td>22.2</td>
<td>6158411250</td>
</tr>
<tr>
<td>D</td>
<td>12000</td>
<td>127</td>
<td>6.4</td>
<td>22.2</td>
<td>6158411260</td>
</tr>
</tbody>
</table>

**WHEEL ADAPTOR KIT**

<table>
<thead>
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<th>DESCRIPTION</th>
<th>part no.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>⅜&quot; hole, for non-hub, Type 27 grinding wheels</td>
<td>C087920</td>
</tr>
<tr>
<td>Kits include: Backing pad, Adaptor, Nut and Wrench</td>
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**CONES SPACER**

<table>
<thead>
<tr>
<th>THREAD SIZE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>⅜&quot; - 24 Female</td>
<td>C050901</td>
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</table>
Abrasive Accessories

BACKING PAD WITH 6mm Ø SHANK

<table>
<thead>
<tr>
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<th>SPEED (rpm)</th>
<th>Ø (mm)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<td>50</td>
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ABRASIVE DISCS

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>SPEED (tr/min)</th>
<th>GRIT</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>25000</td>
<td>P40</td>
<td>6158040990</td>
</tr>
<tr>
<td>B</td>
<td>25000</td>
<td>P60</td>
<td>6158041000</td>
</tr>
<tr>
<td>B</td>
<td>25000</td>
<td>P80</td>
<td>6158041010</td>
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<tr>
<td>B</td>
<td>25000</td>
<td>P120</td>
<td>6158041020</td>
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POLISHING ACCESSORIES

SISAL BRUSH

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>DIAMETER (mm)</th>
<th>THREAD SIZE</th>
<th>part no.</th>
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<tbody>
<tr>
<td>C</td>
<td>178</td>
<td>3/8 UNF Female</td>
<td>70852</td>
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</table>

LAMBSWOOL POLISHING MOP 7" Ø

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>use with</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>H 700, SNC018</td>
<td>9092008701</td>
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</table>

DUST EXTRACTION HOOD KIT

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>use with</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>F 761</td>
<td>6155705550 + 6156161180 Screw</td>
</tr>
</tbody>
</table>
Tungsten Carbide Burrs are suitable for cutting unhardened and hardened steels, stainless, weld seams, steel castings, light and non-ferrous metals, plastics.

**TUNGSTEN CARBIDE BURRS 3mm Ø SHANK** Can also be used with collet type 200 & 300 Series (1/8”)
Tool models 05, AS11, AS147, DB700 must be fitted with 3mm collet

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>A</th>
<th>B</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>3</td>
<td>13</td>
<td>38122</td>
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<tr>
<td>10</td>
<td>3</td>
<td>13</td>
<td>38132</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>3</td>
<td>6</td>
<td>38142</td>
</tr>
<tr>
<td>12</td>
<td>3</td>
<td>6</td>
<td>38152</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>3</td>
<td>6</td>
<td>38162</td>
</tr>
<tr>
<td>14</td>
<td>3</td>
<td>6</td>
<td>38172</td>
</tr>
</tbody>
</table>

**TUNGSTEN CARBIDE BURRS 6mm Ø SHANK** Can also be used with collet type 200 & 300 Series (1/4”)

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>A</th>
<th>B</th>
<th>part no.</th>
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<tbody>
<tr>
<td>B</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>15</td>
<td>6</td>
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<td>38182</td>
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<td>16</td>
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<td>16</td>
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<td>B</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>6</td>
<td>19</td>
<td>38202</td>
</tr>
<tr>
<td>18</td>
<td>6</td>
<td>19</td>
<td>38222</td>
</tr>
<tr>
<td>B</td>
<td></td>
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<tr>
<td>19</td>
<td>10</td>
<td>19</td>
<td>36122</td>
</tr>
<tr>
<td>20</td>
<td>10</td>
<td>19</td>
<td>36132</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
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<tr>
<td>21</td>
<td>10</td>
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<td>36142</td>
</tr>
<tr>
<td>22</td>
<td>10</td>
<td>19</td>
<td>38232</td>
</tr>
</tbody>
</table>

⚠️ Recommended speeds for Carbide Burrs with 12.7mm or 1/2” spindle overhang: see table on page 57
Abrasives Accessories

**COLLET GRINDER ACCESSORIES**
Aluminium Oxide Mounted Points are available in red grades. Red grades are suitable for grinding high tensile materials such as ordinary and alloy steels, high speed steel and annealed malleable iron.

**MOUNTED POINTS 3mm Ø SHANK – RED** Can also be used with collet type 200 & 300 Series (1/8”)
Tool models 05, AS11, AS147, DB700 must be fitted with 3mm collet

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>MAX* SPEED</th>
<th>A</th>
<th>B</th>
<th>part no.</th>
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<tbody>
<tr>
<td>A</td>
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<td>104000</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>A</td>
<td>3</td>
<td>104000</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>A</td>
<td>6</td>
<td>81000</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>A</td>
<td>7</td>
<td>105000</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>A</td>
<td>8</td>
<td>81000</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

**MOUNTED POINTS 6mm Ø SHANK – RED** Can also be used with collet type 200 & 300 Series (1/4”)

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>MAX* SPEED</th>
<th>A</th>
<th>B</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>59000</td>
<td>16</td>
<td>16</td>
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<td>A</td>
<td>2</td>
<td>50000</td>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>A</td>
<td>3</td>
<td>45000</td>
<td>20</td>
<td>28</td>
</tr>
<tr>
<td>A</td>
<td>4</td>
<td>48000</td>
<td>20</td>
<td>32</td>
</tr>
<tr>
<td>A</td>
<td>5</td>
<td>53000</td>
<td>20</td>
<td>22</td>
</tr>
<tr>
<td>A</td>
<td>6</td>
<td>40000</td>
<td>13</td>
<td>25</td>
</tr>
<tr>
<td>A</td>
<td>6</td>
<td>38000</td>
<td>25</td>
<td>3</td>
</tr>
</tbody>
</table>

*Maximum permissible speed with 12.7mm or 1/2" spindle overhang.*
Cutting, Cleaning & Rivetting Accessories

QUALITY ACCESSORIES • QUALITY ACCESSORIES • QUALITY ACCESSORIES

Cutting, Cleaning & Rivetting Accessories

Saw Blades ....................... page 48
Dust Extractor .................... page 48
Rivet Sets ......................... page 49
Retainers ......................... page 50
Chisels .......................... page 51
Compression Rivetter Accessories ............... pages 52-53
Engraving Needles ............... page 54
**Cutting, Cleaning & Rivetting Accessories**

**SAW BLADES FOR SWL9500**

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>LENGTH</th>
<th>TOOTH PITCH</th>
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<tbody>
<tr>
<td>A</td>
<td>75</td>
<td>1.0</td>
</tr>
<tr>
<td>A</td>
<td>75</td>
<td>1.8</td>
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**SAW BLADES FOR S144 & D144**

<table>
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<th>PICTURE REF</th>
<th>BLADE</th>
<th>CENTRE HOLE</th>
<th>TOOTH PITCH</th>
<th>MAX. CUTTING DEPTH</th>
<th>APPLICATION</th>
<th>USED ON AIR SAW</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>45</td>
<td>10</td>
<td>1.75</td>
<td>5</td>
<td>Soft steel to 1.2mm</td>
<td>S144 76362</td>
</tr>
<tr>
<td>B</td>
<td>50</td>
<td>10</td>
<td>2.5</td>
<td>7.5</td>
<td>Soft steel over 1.2mm</td>
<td>S144 76372</td>
</tr>
<tr>
<td>B</td>
<td>50</td>
<td>10</td>
<td>1.75</td>
<td>7.5</td>
<td>Hard steel to 1.2mm</td>
<td>S144 76382</td>
</tr>
<tr>
<td>B</td>
<td>50</td>
<td>10</td>
<td>4.75</td>
<td>7.5</td>
<td>Aluminium</td>
<td>S144 76392</td>
</tr>
<tr>
<td>B</td>
<td>64</td>
<td>13</td>
<td>2.5</td>
<td>–</td>
<td>Fibreglass, plastics, ceramics</td>
<td>D144 32732</td>
</tr>
<tr>
<td>B</td>
<td>64</td>
<td>13</td>
<td>2.5</td>
<td>–</td>
<td>Plywood, hardboard, laminated hardboard</td>
<td>D144 34252</td>
</tr>
</tbody>
</table>

**SAW BLADES FOR D170**

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>Ø A</th>
<th>TYPE</th>
<th>APPLICATION</th>
<th>Ø B</th>
<th>DEPTH GAUGE</th>
<th>Ø C</th>
<th>part no.</th>
<th>£</th>
<th>part no.</th>
<th>£</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>63.5</td>
<td>Plain O.D. diamond coated</td>
<td>63.5</td>
<td>44.5</td>
<td>19</td>
<td>22762</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>C</td>
<td>63.5</td>
<td>1.2mm pitch diamond coated</td>
<td>63.5</td>
<td>63.5</td>
<td>26.6</td>
<td>27272</td>
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<td>1.2mm pitch diamond coated</td>
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<td></td>
</tr>
<tr>
<td>C</td>
<td>51</td>
<td>1.5mm pitch</td>
<td>Soft wood and Cardboard</td>
<td>51</td>
<td></td>
<td>90762</td>
<td>90802</td>
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<tr>
<td>C</td>
<td>63.5</td>
<td>1.5mm pitch</td>
<td>Soft wood and Cardboard</td>
<td>63.5</td>
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<td>90802</td>
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<tr>
<td>C</td>
<td>76</td>
<td>1.5mm pitch</td>
<td>Soft wood and Cardboard</td>
<td>76</td>
<td></td>
<td>90762</td>
<td>90802</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Segment blade</td>
<td>Soft wood and Cardboard</td>
<td>90822</td>
<td>90832</td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>E</td>
<td>Segment blade</td>
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</table>

**DUST EXTRACTOR HOOD FOR D170**

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>32</td>
</tr>
</tbody>
</table>

Kit contains hood plus 3m/10ft length of extraction hose with Ø 32mm/1 1/4” ID inlet.
Cutting, Cleaning & Rivetting Accessories

RIVET SETS FOR CP-4444 & CP-4450 HAMMERS

Type I Rivet Sets Shank for CP-4444 & CP-4450 Riveting Hammer

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>RIVET HEAD CUPPING</th>
<th>RIVET SET PART NUMBERS BY RIVET BODY DIA.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(See pages 58 &amp; 59)</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Round (AN-430)</td>
<td>P089206</td>
</tr>
<tr>
<td>A</td>
<td>Brazier (AN-455)</td>
<td>P089211</td>
</tr>
<tr>
<td>A</td>
<td>Universal (AN-470)</td>
<td>P089221</td>
</tr>
<tr>
<td>A</td>
<td>Hardened Blank Set</td>
<td>P080178</td>
</tr>
</tbody>
</table>

* Must use Light Wire Quick-Change Retainer, A-046095 with these sets.

Type I Flush Rivet Sets

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>A .401&quot; SHANK</th>
<th>.498&quot; SHANK</th>
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<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>B</td>
<td>25.4</td>
<td>A046090</td>
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<td>B</td>
<td>31.8</td>
<td>A089232</td>
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<td>B</td>
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<td>A089233</td>
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<tr>
<td>B</td>
<td>44.5</td>
<td>A046091</td>
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RIVET SETS FOR CP-4447 & CP-4475 HAMMERS WITH .498" SHANK SIZE

Type D Rivet Sets

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>RIVET HEAD CUPPING</th>
<th>RIVET SET PART NUMBERS BY RIVET BODY DIA.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(See pages 58 &amp; 59)</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Round (AN-430)</td>
<td>P089240</td>
</tr>
<tr>
<td>C</td>
<td>Brazier (AN-455)</td>
<td>P089244</td>
</tr>
<tr>
<td>C</td>
<td>Modified Brazier (AN-456)</td>
<td>P089248</td>
</tr>
<tr>
<td>C</td>
<td>Universal (AN-470)</td>
<td>P089252</td>
</tr>
<tr>
<td>C</td>
<td>Soft Blank Set</td>
<td>P070995</td>
</tr>
<tr>
<td>C</td>
<td>Hardened Blank Set</td>
<td>P080198</td>
</tr>
</tbody>
</table>

* Must use Standard Wire Quick-Change Retainer, A-046095 with these sets.
Cutting, Cleaning & Rivetting Accessories

ATTACHMENTS AND RETAINERS FOR CP-4444, CP-4450 & CP-4447

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>TYPE</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>use with CP-4444, 4450</td>
<td>Zip-Quick Retainer</td>
</tr>
<tr>
<td>B</td>
<td>use with CP-4444, 4450</td>
<td>Beehive Retainer</td>
</tr>
<tr>
<td>C</td>
<td>use with CP-4444, 4450</td>
<td>Light Wire Quick-Change Retainer</td>
</tr>
<tr>
<td>D</td>
<td>use with CP-4444, 4450</td>
<td>Air Inlet Regulation – 1/4” NPT</td>
</tr>
<tr>
<td>E</td>
<td>CP-4447</td>
<td>Wire Quick-Change Retainer</td>
</tr>
<tr>
<td>F</td>
<td>CP-4447</td>
<td>Beehive Retainer</td>
</tr>
<tr>
<td>G</td>
<td>CP-4447</td>
<td>Nail Driving Attachment for 20-60 Penny Nail Size (for use with CP-4447 RUSAB)</td>
</tr>
<tr>
<td>H</td>
<td>CP-4447</td>
<td>Nail Driving Attachment for 12” Spikes (for use with CP-4447 RUVAB)</td>
</tr>
<tr>
<td>I</td>
<td>CP-4444/4447/9311/711/9315/715</td>
<td>Quick Change Retainer</td>
</tr>
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</table>

NEEDLE SCALER ATTACHMENTS FOR HAMMERS

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>DESCRIPTION</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
<td>For CP-0456-LASAV Rectangular Nose</td>
<td>P103108</td>
</tr>
<tr>
<td>K</td>
<td>For CP-0456-LASAN Round Nose</td>
<td>P103105</td>
</tr>
<tr>
<td>L</td>
<td>For CP-9356-NS Round Nose</td>
<td>P136983</td>
</tr>
</tbody>
</table>
CHISELS FOR CP-0456, CP-0457, CP-0458 AND CP-9356 WELD FLUX CHIPPER

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>TYPE WF, B STYLE CHISEL</th>
<th>OVERALL LENGTH</th>
<th>TYPE WF FOR CP-0456, CP-0457, CP-0458 WITH WF RETAINER</th>
<th>TYPE B FOR CP-0456 WITH B RETAINER</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Round Nose, 1/4” (6.4mm) face</td>
<td>191</td>
<td>P073222</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>Flat Chisel, 1/4” (6.4mm) face</td>
<td>102</td>
<td>P073781</td>
<td>WP123997</td>
</tr>
<tr>
<td>B</td>
<td>Flat Chisel, 1/4” (15.9mm) face</td>
<td>191</td>
<td>P073225</td>
<td>WP123996</td>
</tr>
<tr>
<td>B</td>
<td>Flat Chisel, 1/4” (35mm) face</td>
<td>102</td>
<td>P072213</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>Flat Chisel, 1/2” (35mm) face</td>
<td>165</td>
<td>-</td>
<td>WP123998</td>
</tr>
<tr>
<td>B</td>
<td>Flat Chisel, 1/2” (35mm) face</td>
<td>229</td>
<td>P084175</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>Cape, 1/4” (6.4mm) face</td>
<td>191</td>
<td>P073224</td>
<td>-</td>
</tr>
<tr>
<td>D</td>
<td>Diamond Pt., 3/8” (6.4mm) face</td>
<td>191</td>
<td>P073223</td>
<td>WP123995</td>
</tr>
<tr>
<td></td>
<td>Peening Tool, 1/4” (14.8mm) Spher. Rad. Chisel Blank</td>
<td>102</td>
<td>P072215</td>
<td>WP123994</td>
</tr>
</tbody>
</table>

NEEDLE SETS FOR CP-0456, CP-0951, CP-0952, CP-9356 HAMMERS

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
<th>NO. NEEDLES PER SET</th>
<th>STEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>178</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4</td>
<td>53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>127</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>178</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>23</td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>28</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
<th>NO. NEEDLES PER SET</th>
<th>STEEL NEEDLEPAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>178</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>178</td>
<td>19</td>
<td>P106455</td>
</tr>
<tr>
<td>3</td>
<td>178</td>
<td>19</td>
<td>P137855</td>
</tr>
<tr>
<td>3</td>
<td>178</td>
<td>19</td>
<td>P106454</td>
</tr>
</tbody>
</table>
COMPRESSION RIVETERS ACCESSORIES

INSTRUCTIONS FOR SELECTING RIVET SETS TO FIT CP-0214, CP-0351 RIVETERS

To develop maximum power, the riveter must drive the rivet near the end of the riveter’s stroke. For maximum power the combined length of the two rivet sets must be of the correct length. Determine the correct lengths as follows:

When two cupped rivet sets are used

The sum of dimensions “A” of the two rivet sets should equal the closed height dimension of the yoke minus the total thickness of material being riveted.

When one cupped set and one flush set are used

The sum of dimensions “A” of the two rivet sets should equal the closed height dimension of the yoke minus the total thickness of the material being riveted and the height of the finished rivet head driven by the flush set.

When two flush sets are used

The sum of dimensions “A” of the two rivet sets should equal the closed height dimension of the yoke minus the overall length of the rivet after it is driven. If necessary, select rivet sets a little short and shim to proper length with hardened shims listed on page 53. The closed height dimension of the yoke referred to above is the opening available when jaws or plunger are in extreme closed or forward position with both rivet sets removed.

Compression Rivet Sets

(Complete with retaining rings). Minimum Order: 6 of any part number.

Note: Illustrations above show one rivet set each. Part numbers are for one set, not a pair.

CR-1 SHANK RIVET SETS FOR CP-0214 AND CP-0351 – CUPPED SETS

<table>
<thead>
<tr>
<th>PICTURE</th>
<th>RIVET DIA.</th>
<th>BODY LENGTH</th>
<th>AN-455 BUTTON</th>
<th>AN-455 ROUND</th>
<th>AN-455 BRAGER</th>
<th>AN-455 MODIFIED BRAGER</th>
<th>AN-455 UNIVERSAL</th>
<th>AN-455 FLAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>mm</td>
<td>part no.</td>
<td>part no.</td>
<td>part no.</td>
<td>part no.</td>
<td>part no.</td>
<td>part no.</td>
</tr>
<tr>
<td>A</td>
<td>2.4</td>
<td>6.4</td>
<td>P091601</td>
<td>P089370</td>
<td>P089390</td>
<td>P089410</td>
<td>P089430</td>
<td>P091621</td>
</tr>
<tr>
<td>A</td>
<td>9.5</td>
<td>12.7</td>
<td>P091602</td>
<td>P089371</td>
<td>P089391</td>
<td>P089411</td>
<td>P089431</td>
<td>P091622</td>
</tr>
<tr>
<td>A</td>
<td>12.7</td>
<td></td>
<td>P091604</td>
<td>P089376</td>
<td>–</td>
<td>P089412</td>
<td>P089432</td>
<td>P091623</td>
</tr>
<tr>
<td>A</td>
<td>3.2</td>
<td>6.4</td>
<td>P091606</td>
<td>P089375</td>
<td>P089395</td>
<td>–</td>
<td>P053826</td>
<td>P089435</td>
</tr>
<tr>
<td>A</td>
<td>9.5</td>
<td>12.7</td>
<td>P091607</td>
<td>P089376</td>
<td>–</td>
<td>–</td>
<td>P053827</td>
<td>P091627</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td>P091608</td>
<td>P089377</td>
<td>P089397</td>
<td>–</td>
<td>–</td>
<td>P091628</td>
</tr>
<tr>
<td>A</td>
<td>4.0</td>
<td>6.4</td>
<td>P091611</td>
<td>P089380</td>
<td>P089400</td>
<td>P053831</td>
<td>P089440</td>
<td>P091631</td>
</tr>
<tr>
<td>A</td>
<td>9.5</td>
<td>12.7</td>
<td>P091612</td>
<td>P089381</td>
<td>P089401</td>
<td>P053832</td>
<td>P089441</td>
<td>P091632</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td>P091613</td>
<td>P089382</td>
<td>P089402</td>
<td>P053833</td>
<td>P089442</td>
<td>P091633</td>
</tr>
<tr>
<td>A</td>
<td>4.8</td>
<td>6.4</td>
<td>P091616</td>
<td>P089383</td>
<td>P089403</td>
<td>P053836</td>
<td>P089443</td>
<td>P091636</td>
</tr>
<tr>
<td>A</td>
<td>9.5</td>
<td></td>
<td>P091617</td>
<td>P089386</td>
<td>P089406</td>
<td>P053837</td>
<td>P089446</td>
<td>P091637</td>
</tr>
<tr>
<td>A</td>
<td>12.7</td>
<td></td>
<td>P091618</td>
<td>P089387</td>
<td>P089407</td>
<td>P053838</td>
<td>P089447</td>
<td>P091638</td>
</tr>
</tbody>
</table>

Note: Dimensions of Standard Rivets shown on pages 58 and 59.
## Cutting, Cleaning & Rivetting Accessories

### COMPRESSION RIVETERS ACCESSORIES

#### CR-2 SHANK RIVET SETS FOR CP-0341, CP-0214 & CP-0351 – CUPPED SETS

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>RIVET DIA.</th>
<th>A BODY LENGTH</th>
<th>AN-435 BUTTON</th>
<th>AN-430 ROUND</th>
<th>AN-455 BRAZIER</th>
<th>AN-470 UNIVERSAL</th>
<th>AN-442 FLAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (p.52)</td>
<td>3.2</td>
<td>6.4</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>P091642</td>
<td>P091661</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>9.5</td>
<td>12.7</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>P091651</td>
<td>–</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>4.0</td>
<td>6.4</td>
<td>–</td>
<td>P089455</td>
<td>–</td>
<td>P091652</td>
<td>–</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>9.5</td>
<td>12.7</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>P091666</td>
<td>–</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>4.8</td>
<td>6.4</td>
<td>–</td>
<td>P089460</td>
<td>P089480</td>
<td>P091670</td>
<td>–</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>9.5</td>
<td>12.7</td>
<td>P091653</td>
<td>–</td>
<td>P089482</td>
<td>P091671</td>
<td>P091672</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>6.4</td>
<td>6.4</td>
<td>–</td>
<td>P089465</td>
<td>P089485</td>
<td>P091673</td>
<td>P091676</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>9.5</td>
<td>6.4</td>
<td>–</td>
<td>P089466</td>
<td>P089484</td>
<td>P091676</td>
<td>–</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>12.7</td>
<td>6.4</td>
<td>–</td>
<td>P089467</td>
<td>–</td>
<td>P091677</td>
<td>–</td>
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</tbody>
</table>

#### SET LENGTH SPACER SHIMS

<table>
<thead>
<tr>
<th>TYPE RIVET SET SHANK</th>
<th>PART NUMBERS OF HARDENED SHIMS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/64&quot; thick (0.4mm)</td>
</tr>
<tr>
<td>CR-1</td>
<td>P083254</td>
</tr>
<tr>
<td>CR-2</td>
<td>P083257</td>
</tr>
</tbody>
</table>

#### SOFT SET BLANKS

<table>
<thead>
<tr>
<th>TYPE RIVET SET SHANK</th>
<th>BODY LENGTH</th>
<th>BODY DIAM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR-1</td>
<td>19.1</td>
<td>15.9</td>
</tr>
<tr>
<td>CR-2</td>
<td>19.1</td>
<td>19.1</td>
</tr>
</tbody>
</table>

#### SHANK DIMENSIONS FOR RIVET SETS

For CP-0214, CP-0351 and CP-0341 Compression Riveters

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>TYPE RIVET SET SHANK</th>
<th>BODY LENGTH A AND CUPping</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (p.52)</td>
<td>CR-1</td>
<td>See page 51</td>
</tr>
<tr>
<td>A (p.52)</td>
<td>CR-2</td>
<td>See page 51</td>
</tr>
</tbody>
</table>

* "C" dimension is for flush set only. "C" varies on cupped sets according to rivet size and type of head.

#### RETAINER RINGS

<table>
<thead>
<tr>
<th>TYPE RIVET SET SHANK</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR-2</td>
<td>P071917</td>
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</table>

#### FLUSH SETS FOR ANY RIVET SIZE

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>SHANK SIZE</th>
<th>A BODY LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>B (p.52)</td>
<td>1/8&quot; (3.2mm)</td>
<td>P089495</td>
</tr>
<tr>
<td>B (p.52)</td>
<td>1/4&quot; (6.4mm)</td>
<td>P089496</td>
</tr>
<tr>
<td>B (p.52)</td>
<td>3/8&quot; (9.5mm)</td>
<td>P089497</td>
</tr>
<tr>
<td>B (p.52)</td>
<td>1/2&quot; (12.7mm)</td>
<td>P089498</td>
</tr>
<tr>
<td>B (p.52)</td>
<td>5/8&quot; (15.9mm)</td>
<td>P089499</td>
</tr>
<tr>
<td></td>
<td>3/4&quot; (19.1mm)</td>
<td>P089500</td>
</tr>
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</table>

**Note:** Dimensions of Standard Rivets shown on pages 58 and 59.
FOR CP-9361 AIR SCRIBE

CHISEL ASSEMBLY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chisel Assembly includes: Holder (includes Stylus), Chisel (Round Nose),</td>
<td>P058425</td>
</tr>
<tr>
<td>Chisel (Flat 1/4&quot;), Chisel (Blank), Anvil, &quot;O&quot; Ring (Anvil), Container</td>
<td></td>
</tr>
</tbody>
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SERVICE KITS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair Kit</td>
<td>P059264</td>
</tr>
</tbody>
</table>

REPLACEMENT NEEDLE FOR VP2-X

<table>
<thead>
<tr>
<th>PICTURE REF</th>
<th>DESCRIPTION</th>
<th>part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Replacement tungsten carbide tipped needle for VP2-X</td>
<td>63213</td>
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</table>
### Conversion Table

<table>
<thead>
<tr>
<th>Inch</th>
<th>Decimal</th>
<th>Millimeter</th>
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<td>0.0156</td>
<td>0.3969</td>
</tr>
<tr>
<td>1/32</td>
<td>0.0313</td>
<td>0.7938</td>
</tr>
<tr>
<td>3/64</td>
<td>0.0469</td>
<td>1.1906</td>
</tr>
<tr>
<td>1/16</td>
<td>0.0625</td>
<td>1.5875</td>
</tr>
<tr>
<td>5/64</td>
<td>0.0781</td>
<td>1.9844</td>
</tr>
<tr>
<td>3/32</td>
<td>0.0938</td>
<td>2.3813</td>
</tr>
<tr>
<td>7/64</td>
<td>0.1094</td>
<td>2.7781</td>
</tr>
<tr>
<td>1/8</td>
<td>0.1250</td>
<td>3.1750</td>
</tr>
<tr>
<td>9/64</td>
<td>0.1406</td>
<td>3.5719</td>
</tr>
<tr>
<td>5/32</td>
<td>0.1563</td>
<td>3.9688</td>
</tr>
<tr>
<td>11/64</td>
<td>0.1719</td>
<td>4.3656</td>
</tr>
<tr>
<td>3/16</td>
<td>0.1875</td>
<td>4.7625</td>
</tr>
<tr>
<td>13/64</td>
<td>0.2031</td>
<td>5.1594</td>
</tr>
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<td>7/32</td>
<td>0.2188</td>
<td>5.5563</td>
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<td>15/64</td>
<td>0.2344</td>
<td>5.9531</td>
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<td>1/4</td>
<td>0.2500</td>
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## Reference Tables

### Dimensions of Standard Rivets

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