"E3000 SERIES" ø1.18" (ø30 mm) SPINDLE

NEW

Features:

● Quick, easy and accurate tool change without the need for wrenches.

● Makes tool pre-setting outside of the machine possible.

● 2 collet styles available (CHA or CHK) depending on QC-3 Model.

● 10 times the retention force as compared to the NRR-2651.

Features:

- Allowable Motor Speed ............................... 60,000 min⁻¹(rpm)
- Spindle Accuracy .............................................. Within 1 μm
- Standard Size Collet (CHK/CHA-3.175) .......................... ø1/8"*
- Weight ........................................................... 1 lb. 4.11 oz.

< Optional > QC3-K
- Collet Holder .......................................................... QC3-K
- Collet (CHK-[ ][ ]) ...................................... ø0.5 mm~ø6.35 mm

(See Page 6-p3 for details)
- Collet Nut (K-265).......................................... for Collet (CHK)

< Optional > QC3-A
- Collet Holder .......................................................... QC3-A
- Collet (CHA-[ ][ ]) ....................................... ø0.5 mm~ø4.0 mm

(See Page 6-p2 for details)
- Collet Nut (CHN-A) ........................................ for Collet (CHA)

Quick Change Spindle

<table>
<thead>
<tr>
<th>CAT. No.</th>
<th>Model</th>
<th>Standard Equipment - Accessories</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9208</td>
<td>NRR3060-QC</td>
<td>Wrench (22 x 27) : 1 pc.</td>
<td></td>
</tr>
</tbody>
</table>

Note : The Collet Holder, Collet and Collet Nut are sold separately.

COLLET HOLDER  Taper Shank Tools and Collet Nut

<table>
<thead>
<tr>
<th>Product</th>
<th>CAT. No.</th>
<th>Model</th>
<th>Collet</th>
<th>Std. Accessories</th>
<th>Attaches to</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>QC3-K</td>
<td>9210</td>
<td>CHK</td>
<td></td>
<td>Wrench (12 x 14) : 2 pcs.</td>
<td>NRR3060-QC</td>
<td></td>
</tr>
</tbody>
</table>

| QC3-A       | 9209     | CHA   |        | Wrench (8 x 11), (8 x 6) : 1 pc. each | NRR3060-QC |         |

*Do not exceed the allowable motor speed for the spindle.

AMERICAN ROTARY TOOLS CO.  www.artcotoools.com
Preset Adapter

<table>
<thead>
<tr>
<th>CAT. No.</th>
<th>Model</th>
<th>Standard Equipment - Accessories</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9211</td>
<td>QC3-ADP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

• Insert the tool holder into the Preset Adapter.
• Align the tool holder with the drive dog notches in the Preset Adapter.
• Attach the Collet Nut and Collet Chuck to the tool holder. Lightly finger tighten the Collet Nut.
• Insert the cutting tool into the Collet Chuck.
• Place the wrenches on the Collet Nut and Collet Holder and securely tighten in a clockwise direction.