**PRODUCT INFORMATION**

- Internal face grooving for diameters .125" and larger.
- Elliptically ground necks for greater strength.
- .004" through .250" in .001" increments available.
- Sub-micron grain DURA-MAX® 2000 Carbide.
- Inserts available with TiN, TiAIN, TiCN and Diamond coating.

**MODIFICATIONS**

Modified components are shown in the diagram.

**TOOLHOLDER SELECTIONS**

Adapter styles are illustrated in the diagram.

**TECHNICAL SECTIONS**

- **PRODUCT Demonstration**: PG 8-6
- **Speeds and Feeds**: PG 9-15
- **Application Reference**: PGS 9-3 & 9-4
- **Troubleshooting**: PG 9-7

www.thinbit.com/qr2-3
INTERNAL FACE GROOVING TOOLS

ORDERING INSTRUCTIONS

Complete the ORDER CODE in the table below that represents your selection of groove width and tool dimensions.

EXAMPLE:
The ORDER CODE for a 1/4" major diameter, clockwise rotation tool with an .080" groove width, .125" depth of cut and .750" reach is:
FT41C 0 8 0 L

Specify the Groove Width 'A'

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>ORDER CODE</th>
<th>INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bore &amp; Major Diameter</td>
<td>Groove Width Range</td>
<td>Order Code Information</td>
</tr>
<tr>
<td>'C'</td>
<td>'A'</td>
<td>'B'</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>.004&quot;-.063&quot;</td>
<td>Width</td>
</tr>
<tr>
<td>3/16&quot;</td>
<td>.004&quot;-.093&quot;</td>
<td>Width</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>.004&quot;-.125&quot;</td>
<td>Width</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>.004&quot;-.156&quot;</td>
<td>Width</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>.004&quot;-.187&quot;</td>
<td>Width</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>.004&quot;-.250&quot;</td>
<td>Width</td>
</tr>
</tbody>
</table>

Notes:
- SPECIFICATIONS ORDER CODE INFORMATION
- DURAMAX® 2000 Carbide See Page 9-15 for Speeds and Feeds
- Add-ons Use 'Order Code' and Add
  - 'FR' add CR _ _ _ (indicate size in .xxx")
  - 'C' TiN add 'C'
  - 'D' TiCN add 'D'
  - 'E' TIALN add 'E'
  - 'F' Diamond add 'F'
- Overall Length: 1.365" + 'B' 'AD'
### ROUND & SQUARE ADAPTERS

**PRODUCT INFORMATION**
- Designed to adapt round tooling to lathe workholding
- Round sizes 1/4", 3/8", 1/2", 5/8" and 3/4".
- Modifications can be provided on any of our tooling. Please contact us with your application requirements.

**Tool Selections**

#### Solid Carbide

- Grooving Page 1-3
- Face Grooving Page 2-3
- Boring Page 3-3
- Threading Page 4-3 & 4-5

#### Grooving Bars

- Grooving Page 1-5
- Face Grooving Page 2-5

#### Boring Bars

- MBA Page 3-13
- MBB Page 3-15
- MBC Page 3-17
- MBE Page 3-18
- MBF Page 3-9
- MBG Page 3-10

Scan this code for additional information.

[QR Code]

**ORDERING INSTRUCTIONS**

Select the **ORDER CODE** in the table below that represents your selection of adapter dimensions.

**EXAMPLE:**

The ORDER CODE for a .375" ID x .625" OD round adapter is: **AD3762**

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>ORDER CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adapter Style</strong></td>
<td><strong>Shank Dimensions</strong></td>
</tr>
<tr>
<td><strong>Round</strong></td>
<td>.125&quot;</td>
</tr>
<tr>
<td></td>
<td>.187&quot;</td>
</tr>
<tr>
<td></td>
<td>.250&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SPECIFICATIONS</strong></th>
<th><strong>ORDER CODE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Toolholders</strong></td>
<td><strong>Grooving</strong></td>
</tr>
<tr>
<td><strong>Round</strong></td>
<td>Page 1-3</td>
</tr>
<tr>
<td><strong>Square</strong></td>
<td>---</td>
</tr>
</tbody>
</table>