Pull boring tools
Type 38 / Type 58

Deep hole drilling tools, system BTA
with indexable inserts
and guide pads for
counterboring with minimum centerline deviation
Drilling range: 20.00 - 222.99 mm
Pull boring tools Type 38 / Type 58

**Type 58**
- 4-start connection thread
- Version with shim

**Type 38**
- 1-start connection thread
- Version with cartridge

### Characteristics:
- Used on deep hole drilling machines
- Minimum centerline deviation
- Chip removal forward or backward (special version) possible
- Index. inserts with 2 cutting edges
- Two standard chip breakers for boring a wide range of materials
- Various combinations of carbide grades and coatings for inserts and guide pads are available to suit material to be processed
- Special arrangement of guide pads for pull boring of double-screw cylinders on request
- Drilling tolerance up to IT 7

<table>
<thead>
<tr>
<th>Drilling range (mm)</th>
<th>Drill head size</th>
<th>Drill tube-Ø (mm)</th>
<th>max. depth of cut* (mm)</th>
<th>Type 38</th>
<th>Type 58</th>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>20.00 - 29.99</td>
<td>02 - 05</td>
<td>16 - 22</td>
<td>2.5</td>
<td></td>
<td></td>
<td>Shim</td>
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<tr>
<td>30.00 - 43.99</td>
<td>06 - 10</td>
<td>22 - 30</td>
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<td>44.00 - 60.99</td>
<td>11 - 14</td>
<td>33 - 43</td>
<td>5</td>
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<td>1-start connection thread</td>
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<tr>
<td>61.00 - 97.99</td>
<td>15 - 19</td>
<td>47 - 68</td>
<td>6</td>
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<td>4-start connection thread</td>
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<tr>
<td>98.00 - 123.49</td>
<td>20 - 21</td>
<td>75 - 82</td>
<td>8</td>
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<td>Cartridge</td>
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<tr>
<td>123.50 - 222.99</td>
<td>on request</td>
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*depends on quality of pre-drilled hole and used drill tube diameter