Accessories

Torque wrench and Extractor

**HYDRO-GRIP Torque wrench**

Use torque wrench to ensure correct tightening independent on user. Should be used with all HYDRO-GRIP® holders.

Torque: 6 Nm:
HYDRO-GRIP, HYDRO-GRIP PENCIL, ECOGRIP.

Torque: 10 Nm:
HYDRO-GRIP HD.

<table>
<thead>
<tr>
<th>Item description</th>
<th>Tightening torque:</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDRO-GRIP</td>
<td>Nm</td>
<td>ft · lb</td>
</tr>
<tr>
<td>Torque wrench (5 mm Hex)</td>
<td>6</td>
<td>4.4</td>
</tr>
<tr>
<td>HYDRO-GRIP HD</td>
<td>Nm</td>
<td>ft · lb</td>
</tr>
<tr>
<td>Torque wrench (5 mm Hex)</td>
<td>10</td>
<td>7.4</td>
</tr>
</tbody>
</table>

**Extractor**

The extractor helps to remove the reduction sleeve from the toolholder.

**Comparison of Transmittable Torque at Ø 20 mm**

<table>
<thead>
<tr>
<th>Shank Ø 20 mm in toolholder Ø 20 mm direct clamping</th>
<th>Shank Ø 20 mm in toolholder Ø 32 mm with reduction sleeve 32/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>300</td>
<td>250</td>
</tr>
<tr>
<td>250</td>
<td>200</td>
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<tr>
<td>200</td>
<td>150</td>
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<td>150</td>
<td>100</td>
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<tr>
<td>100</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>0</td>
</tr>
</tbody>
</table>

**Item**

- Improper assembly can damage the concentricity of the reduction sleeve.
- Insert tools the full length of the reduction sleeve.
- Tool shank h6 or h7 can be used.
- Do not clamp reduction sleeve without a tool. Reduction Sleeve will be damaged.