TWA.8(60)-180(80)-32-310

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>ANGLE</th>
<th>LENGTH</th>
<th>STEP</th>
<th>LENGTH</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Anchors are manufactured with a DIN EN 10278 (DIN 671) cold drawn wire, by robots using hydraulic tools. That allows minimizing bend marking and avoids micro cracks.

Our recommendations:

- The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger
- Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.

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anchorscontact@gmail.com
www.anchorsforrefractory.com

A-CASTABLE ANCHOR
CASTABLE ANCHOR

TWM.8(60)-180(80)-32-304

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
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<th>LENGTH</th>
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<th>LENGTH</th>
<th>ALLOY</th>
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<tbody>
<tr>
<td>A</td>
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<td>T = 13 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>A</td>
<td>8 mm</td>
<td>T = 13 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
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<td>T = 15 mm</td>
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</tbody>
</table>

Anchors are manufactured with a DIN EN 10278 (DIN 671) cold drawn wire, by robots using hydraulic tools. That allows minimizing bend marking and avoids micro cracks.

Our recommendations:

- The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger.
- Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.

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## TWU.8(60)-160(80)-32-310

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<th>STEP</th>
<th>LENGTH</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
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<td>6 mm</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ø 8 mm</td>
<td>T = 13 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ø 10 mm</td>
<td>T = 15 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger.

Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.

### Our recommendations:
- The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger.
- Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.

### Options:
- TWU-Caps
- TWU-LL

Anchor wires are manufactured with a DIN EN 10278 (DIN 671) cold drawn wire, by robots using hydraulic tools. That allows minimizing bend marking and avoids micro cracks.

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**A-CASTABLE ANCHOR**
**CASTABLE ANCHOR**

**TWS.10(60)-220(110)-40-330**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
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<th>LENGTH</th>
<th>STEP</th>
<th>LENGTH</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ø 6 mm</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>Ø 8 mm</td>
</tr>
<tr>
<td></td>
<td>10 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ø 10 mm</td>
</tr>
</tbody>
</table>

Ø 6 mm  \( T = 13 \) mm
Ø 8 mm  \( T = 13 \) mm
Ø 10 mm  \( T = 15 \) mm

- The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger
- Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.

**Our recommendations:**

- Anchors are manufactured with a DIN EN 10278 (DIN 671) cold drawn wire, by robots using hydraulic tools. That allows minimizing bend marking and avoids micro cracks

**Options:**

- TWS-Caps
- TWS-LL

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**CASTABLE ANCHOR**
### TWSS.10(90)–300(150–50)–40–330

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>ANGLE</th>
<th>LENGTH</th>
<th>STEP – S1</th>
<th>LENGTH – R</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>L</td>
<td>S</td>
<td>S</td>
<td>R</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Ø 6 mm  
- Ø 8 mm  
- Ø 10 mm

- T = 13 mm
- T = 13 mm
- T = 15 mm

- R = 4 X Ø

Anchors are manufactured with a DIN EN 10278 (DIN 671) cold drawn wire, by robots using hydraulic tools. That allows minimizing bend marking and avoids micro cracks.

- The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger
- Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.
- The straight down part is also corrugated, that improves anchoring of a backup guned insulating concrete layer

**Options:**

- TWSS-Caps
- TWSS-LL

**Our recommendations:**

- The bent foot allows easier 90° positioning on steel casing and makes welding longer / stronger
- Always cap your anchors, it will give a small space into which the thermal expansion steel alloy (higher than castable) can move without creating stress and possibly damaging in the castable.
- The straight down part is also corrugated, that improves anchoring of a backup guned insulating concrete layer

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