**CASTABLE ANCHOR**

**STH.8-080/075-25-310**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>LENGTH / LENGTH</th>
<th>LENGTH</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>L1</td>
<td>L2</td>
<td>R</td>
</tr>
</tbody>
</table>

---

**Options:**

- **STH-Caps**
- **STH-LL**
- **STH-Open 60° or 90°**

---

**Options:**

- Washers in Carbon steel or aisi 304
- We highly recommander aisi 304
- A corrugated version (PAGE A7 02) performing much better.
- 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.

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![Options]

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**Castable Anchor**

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CASTABLE ANCHOR

**CTH.8-150/140(40)-25-310**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>LENGTH / LENGTH</th>
<th>STEP</th>
<th>LENGTH</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>S</td>
<td>R</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Ø X 0.5**
- **S = back up insulation thickness**
- **SEE PAGE**

Our recommendations:
- Washers in Carbon steel or aisi 304
- We highly recommander aisi 304
- 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

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:
- CTH-Caps
- CTH-LL
- CTH-Open 60° or 90°

France – phone: +33 3 66 50 00 30
anchorscontact@gmail.com
www.anchorsforrefractory.com

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CASTABLE ANCHOR

HITH.6-150/140(40)-25-310

<table>
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<tr>
<th>TYPE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>S</td>
</tr>
</tbody>
</table>

Options:

- HTH-Caps
- HTH-LL
- HTH-Open 60° or 90°

Options - WASHERS

- DIN 125
  - Dia 5 - M 10 (20 x 10.5 x 2)
  - Dia 6 - M 12 (24 x 13 x 2.5)
  - Dia 8 - M 16 (32 x 17 x 3)

See Page

S = back up insulation thickness

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:

- Washers in Carbon steel or aisi 304
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- 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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A-CASTABLE ANCHOR

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STP-AB.6- 150 - 304

<table>
<thead>
<tr>
<th>TYPE</th>
<th>WITH</th>
<th>Ø</th>
<th>LENGTH A</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Options:
- STP-Caps
- STP-LL
- STP-AB
- STP-Open 60° or 90°

Our recommendations:
- A corrugated version (PAGE A7-05) perform much better
- Washers in Carbon steel or aisi 304
- We highly recommender aisi 304
- Remember that after stud welding, you loose around 3 mil in length adapt length

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.
**CASTABLE ANCHOR**

**CTP-AB.8 -140 / 130(30) - 304**

<table>
<thead>
<tr>
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<th>STEP</th>
<th>ALLOY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td>A</td>
<td>B</td>
<td>S</td>
<td></td>
</tr>
</tbody>
</table>

**Options:**
- **WASHERS**
  - DIN 125
  - Dia 5 – M 10 (20 x 10.5 x2)
  - Dia 6 – M 12 (24 x 13 x 2.5)
  - Dia 8 – M 16 (32 x 17 x 3)

**Aluminium Ball**
- Recommended for gun welding
- SEE PAGE

**FERRULE**
- SEE PAGE

**Our recommendations:**
- Washers in Carbon steel or aisi 304
- We highly recomman aisi 304
- Remember that after stud welding, you loose around 3 mil in length adapt length

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**A-CASTABLE ANCHOR**

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ANCHOR TWIN PIN
HAND WELDING

ANCHORS
STH – CTH - HTH
When using a stud welding technique, you loosen more or less 3 mil in length, don’t forget to add 3 mil to the required final length.

**ANCHOR TWIN PIN - STUD WELDING**

**Option : AB**
Aluminium Ball
Ex : CTP.6 – 120/110-310-AB

SEE PAGE : Page 7-2

**Option : FERRULES**

Ø 5 = FER 105  
Ø 6 = FER126  
Ø 8 = FER 168

SEE PAGE : A4-05

**Option : CAPS**

SEE PAGE : Page 7-1

**Option : Washer**

DIN 125
Ø 5 = M 10 (20x10.5x2)  
Ø 6 = M 12 (24x13x2.5)  
Ø 8 = M 16 (32x17x3)

Using a strong tube helps when opening the angle (opening the 2 pins)

**TYPICAL WELDING GUN**

**ANCHORS**

STP – CTP

A7-07  
02 / 2015