CH1.6(60)-080-304

TYPE Ø ANGLE LENGTH L ALLOY

Usual angle: 60°
other angles on request

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:
- For thin thickness
- Corrugated CH4 (PAGE A1-03) is always 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.

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A-CASTABLE ANCHOR
### CH2.8(60)-090-316

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>ANGLE</th>
<th>LENGTH L</th>
<th>ALLOY</th>
</tr>
</thead>
</table>

**Options:**
- CH2-Caps
- CH2-LL
- CH2-OS
- CH2-ON
- CH2-OB
- CH2-BSP

**Usual angle:** 60°
Other angles on request

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:**
- A good solution for thickness < 220 mm. Nevertheless, we prefer CH4 (PAGE A1-03)
- 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.

---

**A-CASTABLE ANCHOR**

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CH4.8(60)-140-304

TYPE Ø ANGLE LENGTH L ALLOY

Options:

- CH4-Caps
- CH4-LL
- CH4-ON
- CH4-OB
- CH4-OS
- CH4-BSP

Usual angle: 60°
other angles on request

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:

- CH4 is a 3 dimensional anchor, the best performing option for CH range
- A good solution for thickness < 220 mm. For higher one: change for « CBH » anchor see page A5-01.
- 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.
### Castable Anchor

**CH1 .RL.4(60) – 030 – 025 – 310**

<table>
<thead>
<tr>
<th>TYPE</th>
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<th>ANGLE</th>
<th>LENGTH L</th>
<th>LENGTH B</th>
<th>ALLOY</th>
</tr>
</thead>
</table>

An angle, for such a small anchor, could create a tension in a very thin castable lining, because of the higher thermal expansion of steel alloy.

The « round wing or leg » distributes the tension on all the length of the wing, not on a simple point, the angle.

This anchor is specially designed for linings as thin as 19 or 25 millimeters (3/4 or 1 inch).

It is used for instance for air distribution grids in regenerators in FCC units.

Wings turn with a radius, they are rounded, they are not bent with an angle.

---

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:**

- Solution for thickness 19 and 25 mm.

---

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---

A-CASTABLE ANCHOR
UV.6 (80/90) – 060/050 - 310

Options: see details on page 6-1/6-2/6-3

UV-Caps
UV-WB
UV-BSP

Usual angle: 60°
other angles on request

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:
- A good solution for single layer with small thickness.
- 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
# Castable Anchor

**UBL.6 (90/90) – 060/025 - 310**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>ANGLE A/B</th>
<th>LENGTH L/S</th>
<th>ALLOY</th>
</tr>
</thead>
</table>

**Options:**
- **UV-CAPS**
- **UV-WB**

**Usual angle:** 90° 90°
- Other angles on request

---

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:**
- Solution for single layer with small thickness, example: tubular wall of boiler.
- 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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---

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V1.6(60)-070-310

TYPE Ø ANGLE LENGTH L ALLOY

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:
- CH anchor (PAGE A1-03) allows easier, stronger, safer welding
- 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
V4.6(60)-070-310

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:
- CH anchor (PAGE A1-03) allows easier, stronger, safer welding
- 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.
CV1-AB.6(60)-110-310

Options:
- CV1-Caps
- CV1-LL
- CV1-AB
- CV1-AB WITH ALUMINIUM BALL

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A-CASTABLE ANCHOR

Our recommendations:
- CV4, corrugated version, page A4-03, performs 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.

Authors 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.
CV2-AB.6(60)-120-310

Options:
- CV2-Caps
- CV2-LL
- CV2-AB

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:
- 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
## CV4-AB.6(60)-130-304

<table>
<thead>
<tr>
<th>TYPE</th>
<th>WITH</th>
<th>Ø</th>
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<th>ALLOY</th>
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<tr>
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</tr>
</tbody>
</table>

### Options:
- CV4-Caps
- CV4-LL
- CV4-AB

### ALUMINIUM BALL
Option: AB

### Ferrule

---

**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:
- CV4 is a 3 dimensional anchor, the best performing option of CV range
- 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.

---

**A-Castable Anchor**

---

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## CASTABLE ANCHOR

### CV RL- AB.6(60)-120-304

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<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tbody>
</table>

### Options:
- CV RL AB
- CV RL AB CAPS

---

**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:**
- For tubular walls in boilers.
- Special slim ferrules are sometimes required when distance between tubes is too small.
- 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
FERRULES

FER 128
TO BE USED WITH
CV Ø 6
STP Ø 6
CTP Ø 6

FER 168
TO BE USED WITH
CV Ø 6
STP Ø 6
CTP Ø 6

FER 126S
TO BE USED WITH
CV Ø 6
STP Ø 6
CTP Ø 6

FER 126F
TO BE USED WITH
CV Ø 6
STP Ø 6
CTP Ø 6

FER 105F
TO BE USED WITH
CV Ø 5
STP Ø 5
CTP Ø 5

Options:

CTP
WITH FERRULES

CV

STP

TYPICAL DESIGNS AND SIZES CAN BE CHANGED WITHOUT NOTICE

Our recommendations:

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A-CASTABLE ANCHOR
# CASTABLE ANCHOR

## VS.6(60)-100-310

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>ANGLE</th>
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</tr>
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</table>

![Diagram of anchor](image)

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

---

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---

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---

A-CASTABLE ANCHOR
## CBH.8(15/60)-300-310

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<thead>
<tr>
<th>TYPE</th>
<th>Ø</th>
<th>ANGLE A / ANGLE B</th>
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</thead>
<tbody>
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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:

- For thicker linings.
- The 2 angles limit the opening at the head of the anchors.
- 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:**

- CBH-Caps
- CBH-LL
- CBH-BSP

---

A-CASTABLE ANCHOR

---

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A6-01  
02-2015

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# HBH.10(15/60)-550-330

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<tbody>
<tr>
<td></td>
<td></td>
<td>A, B</td>
<td>L</td>
<td></td>
</tr>
</tbody>
</table>

- L min = 200mm
- L max = 800mm

- Ø10 C=35mm
- Ø12 C=40mm
- Ø16 C=50mm

**Options:**
- HBH-Caps
- HBH-LL
- HBH-BSP

**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:**

- 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 2 angles limit the opening at the head of the anchors.

---

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

- L \(\text{min} = 200\text{mm}\)
- L \(\text{max} = 800\text{mm}\)
- Ø10 C = 35 mm
- Ø12 C = 40 mm
- Ø16 C = 50 mm

Options:
- HBR-Caps
- HBR-LL

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:
- 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 2 angles limit the opening at the head of the anchors.
CBH.SG.8(15/55)-300-24-330

TYPE Ø ANGLE /ANGLE LENGTH LENGTH ALLOY
A B L L R

L min = 80mm
L max = 400mm
R = 4 X Ø

Options:
- CBHSG-Caps
- CBHSG-LL

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.
- The 2 angles limit the opening at the head of the anchors.

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A-CASTABLE ANCHOR
WB.8.R12 /25 – 253 MA

Options:

WB.6
WB.10

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:

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A-CASTABLE ANCHOR
### BSP.30.30. 4 – 8 - 304

<table>
<thead>
<tr>
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<td>D</td>
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</table>

**Options:**

---

**Our recommendations:**

---

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---

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

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

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

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

Option - 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)

SEE PAGE

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
- We highly recomander 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.

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A-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>
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<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>S</td>
<td>R</td>
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</tr>
</tbody>
</table>

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
- We highly recomand 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

---

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

Option: 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
**CASTABLE ANCHOR**

**HTH.6-150/140(40)-25-310**

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

Option - **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**

![Diagram of anchor](image)

S = back up insulation thickness

---

**Our recommendations:**

- Washers in Carbon steel or aisi 304
- We highly recommaned 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

---

**Francos contact:**
- Phone: +33 3 66 50 00 30
- anchorscontact@gmail.com
- www.anchorsforrefractory.com

---

**A-CASTABLE ANCHOR**
STP-AB.6- 150 - 304
TYPE WITH Ø LENGTH A ALLOY
ALUMINIUM BALL

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 recommand 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.

FERRULE
SEE PAGE

Option - Aluminium Ball
Recommended for gas welding
SEE PAGE

Option - WASHERS
DIN 125
Dia 5 - M 10 (20 x 105 x 2)
Dia 6 - M 12 (24 x 13 x 25)
Dia 8 - M 16 (32 x 17 x 3)
SEE PAGE

A-CASTABLE ANCHOR
**CASTABLE ANCHOR**

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

<table>
<thead>
<tr>
<th>Type</th>
<th>With Ø</th>
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<th>Alloy</th>
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<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td>A</td>
<td>B</td>
<td>S</td>
</tr>
</tbody>
</table>

**Options:**

- **Option - 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)
  - SEE PAGE

- **Option - Aluminum Ball**
  - Recommended for gun welding
  - SEE PAGE

**Options:**

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

**S = back up insulation thickness**

**FERRULE**

**SEE PAGE**

---

**Our recommendations:**

- Washers in Carbon steel or aisi 304
- We highly recommand aisi 304
- Remember that after stud welding, you loose around 3 mil in length adapt length

---

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---

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ANCHOR TWIN PIN - STUD WELDING

Option: AB
Aluminium Ball
Ex: CTP.6 – 120/110-310-AB
SEE PAGE: Page 7-2

TYPICAL WELDING GUN

Option: CAPS
SEE PAGE: Page 7-1

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

Option: FERRULES
Ø 5 = FER 105
Ø 6 = FER 126
Ø 8 = FER 168
SEE PAGE: A4-05

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

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.

ANCHORS
STP – CTP

A-CASTABLE ANCLORS
## TWA.8(60)-180(80)-32-310

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<th>Ø</th>
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<th>LENGTH</th>
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<td>10 mm</td>
<td>15 mm</td>
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Options:
- TWA-Caps
- TWA-LL

Angles 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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A CASTABLE ANCHOR
CASTABLE ANCHOR

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

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

Options:
- TWM-Caps
- TWM-LL

Ø 6 mm T = 13 mm
Ø 8 mm T = 13 mm
Ø 10 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.

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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A-CASTABLE ANCHOR

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CASTABLE ANCHOR

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

<table>
<thead>
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<th>TYPE</th>
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<th>ANGLE</th>
<th>LENGTH A</th>
<th>STEP L</th>
<th>LENGTH S</th>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

- Ø 6 mm  T = 13 mm
- Ø 8 mm  T = 13 mm
- Ø 10 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.

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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A-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>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 mm</td>
<td>T = 13 mm</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>8 mm</td>
<td>T = 13 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 mm</td>
<td>T = 15 mm</td>
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</tbody>
</table>

Options:
- TWS-Caps
- TWS-LL

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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A-CASTABLE ANCHOR
**CASTABLE ANCHOR**

**TWSS.10(90)-300(150-50)-40-330**

<table>
<thead>
<tr>
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<th>Ø</th>
<th>ANGLE</th>
<th>LENGTH</th>
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<th>S</th>
<th>LENGTH R</th>
<th>ALLOY</th>
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</table>

- Ø 6 mm  T = 13 mm
- Ø 8 mm  T = 13 mm
- Ø 10 mm T = 15 mm

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:**

- 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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**A-CASTABLE ANCHOR**
CASTABLE ANCHOR

YRA-AB.30/3-180(120)-310

<table>
<thead>
<tr>
<th>TYPE</th>
<th>WITH</th>
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<th>LENGTH</th>
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<th>ALLOY</th>
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</thead>
<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td>Y x Z</td>
<td>L</td>
<td>S</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Options:

Our recommendations:

- No gap (slot) between the 2 wings
- This anchor will be open on site by installer

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A-CASTABLE ANCHOR
### YRA-AB.30/3(90°)-130(080)-310

<table>
<thead>
<tr>
<th>TYPE</th>
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<th>LENGTH</th>
<th>ALLOY</th>
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</thead>
<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td>Y x Z</td>
<td>Y x Z</td>
<td>Ex : 90°</td>
<td>L</td>
<td>S</td>
<td></td>
</tr>
</tbody>
</table>

**Options:**

- YRA 90° - AB

---

**Our recommendations:**

- No gap (slot) between the 2 wings
- This anchor is supplied open at specified angle

---

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### YRB-30/3-180(120)-310

<table>
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<th>TYPE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Y x Z</td>
<td>L</td>
<td>S</td>
<td></td>
</tr>
</tbody>
</table>

**Options:**
- YRB-AB

---

**Our recommendations:**
- No gap (slot) between the 2 wings
- This anchor will be open on site by installer

---

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**A-CASTABLE ANCHOR**
## YRB-AB.30/3(90°)-130(080)-310

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</thead>
<tbody>
<tr>
<td>ALUMINIUM BALL</td>
<td>Y x Z</td>
<td>Ex: 90°</td>
<td>L</td>
<td>S</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Options:**

![YRB 90°-AB]

**Our recommendations:**

- No gap (slot) between the 2 wings
- This anchor is supplied open at specified angle

---

**Option - Aluminium Ball**

Recommended for gun welding

SEE PAGE

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**A-CASTABLE ANCHOR**

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A9-04
02-2015
## YHA-30/3-130(080)-310

<table>
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<tr>
<td>Y x Z</td>
<td>L</td>
<td>S</td>
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<td></td>
</tr>
</tbody>
</table>

### Options:

- No gap (slot) between the 2 wings
- This anchor will be open on site by installer

---

**Our recommendations:**

- No gap (slot) between the 2 wings
- This anchor will be open on site by installer

---

**A-CASTABLE ANCHOR**
## YHA-30/3(60°)-130(080)-310

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

**Options:**

- [Image of anchor design]

---

**Our recommendations:**

- No gap (slot) between the 2 wings
- This anchor is supplied open at specified angle

---

**Notes:**

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**A-CASTABLE ANCHOR**
## YHB-30/3-130(080)-304

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<thead>
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<tbody>
<tr>
<td>Y</td>
<td>X</td>
<td>Z</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Options:

- No gap (slot) between the 2 wings
- This anchor will be open on site by installer

---

**Our recommendations:**

- No gap (slot) between the 2 wings
- This anchor will be open on site by installer

---

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---

A-CASTABLE ANCHOR
### YHB-30/3(60°)-130(080)-310

<table>
<thead>
<tr>
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<th>OPENING Ex : 60°</th>
<th>LENGTH L</th>
<th>LENGTH S</th>
<th>ALLOY</th>
</tr>
</thead>
</table>

#### Options:

- No gap (slot) between the 2 wings
- This anchor is supplied open at specified angle

---

**Our recommendations:**

- No gap (slot) between the 2 wings
- This anchor is supplied open at specified angle

---

**CASTABLE ANCHOR**

---

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