

#### Our recommendations:

- Washers in Carbon steel or aisi 304
- We highly recommend aisi 304 for washers
- A corrugated version (page A7-02) 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.

## STH .8-080/070 - 30-310

TYPE	Ø D	LENGTH / LENGTH	LENGTH	ALLOY
		L1	L2	R

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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STH.8 -080/070-30 -310

**UNEQUAL LEGS**

STH.8 -080-30-310 -C

**CAPPED****OPTION  
WITH WASHER**

DIN 125  
 DIA 5 - M10 (20x10.5x2)  
 DIA 6 - M12(24x13x2.5)  
 DIA 8 - M16(32x17x3)  
 Carbon Steel or  
 Aisi 304 (recommended)

Washer prevents opening for forming the Ve in the thickness of back up insulating pannel (that would damage insulation) .

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

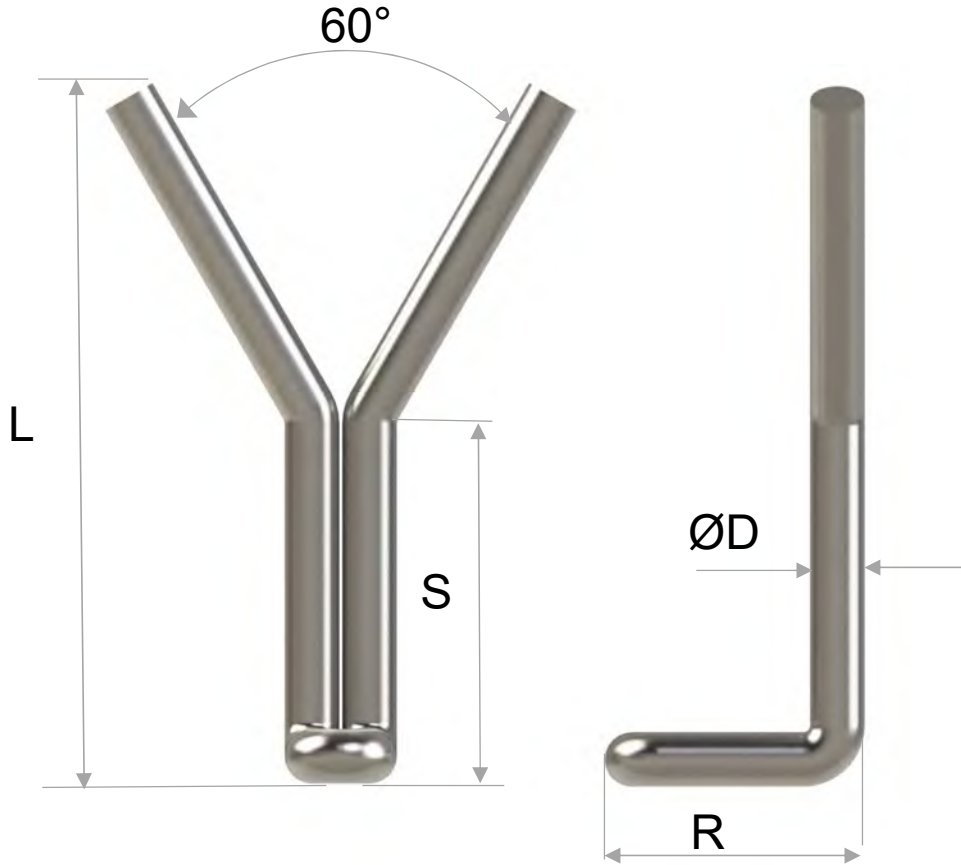
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<b>STH .8 (60) – 080(045) - 30 - 310</b>						
TYPE	Ø D	ANGLE	LENGTH / LENGTH	LENGTH	ALLOY	
			L S	R		

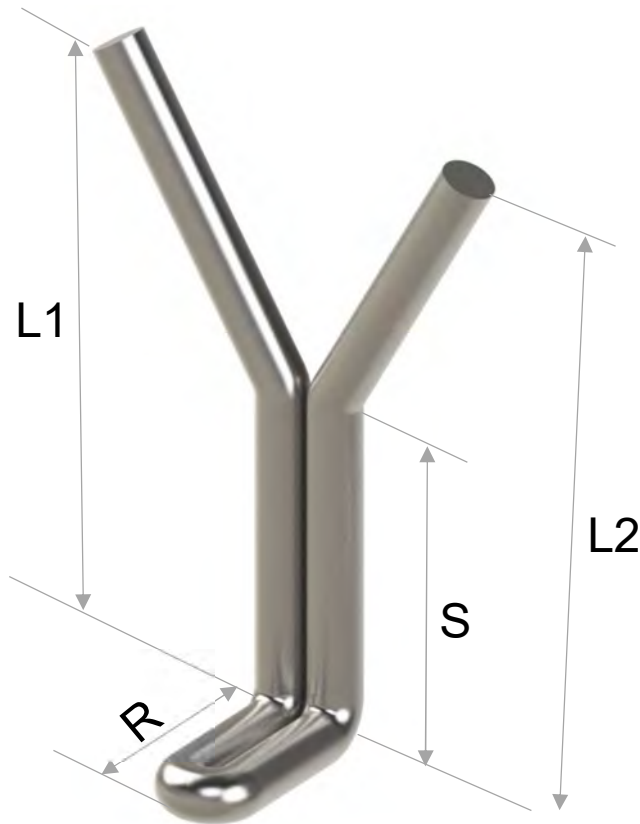
Anchors are manufactured with a DIN EN 10278 (DIN 671) cold drawn wire, by robots using hydraulic tools.  
That allows minimizing bend marking and avoids micro cracks



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STH .8 (60)-080 / 045 / 065 -30 -310  
 TYPE Ø D ANGLE L1 L2 L3 R ALLOY

**UNEQUAL LEGS**



STH.8 (60)-080-30 -310 C

**CAPPED**

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

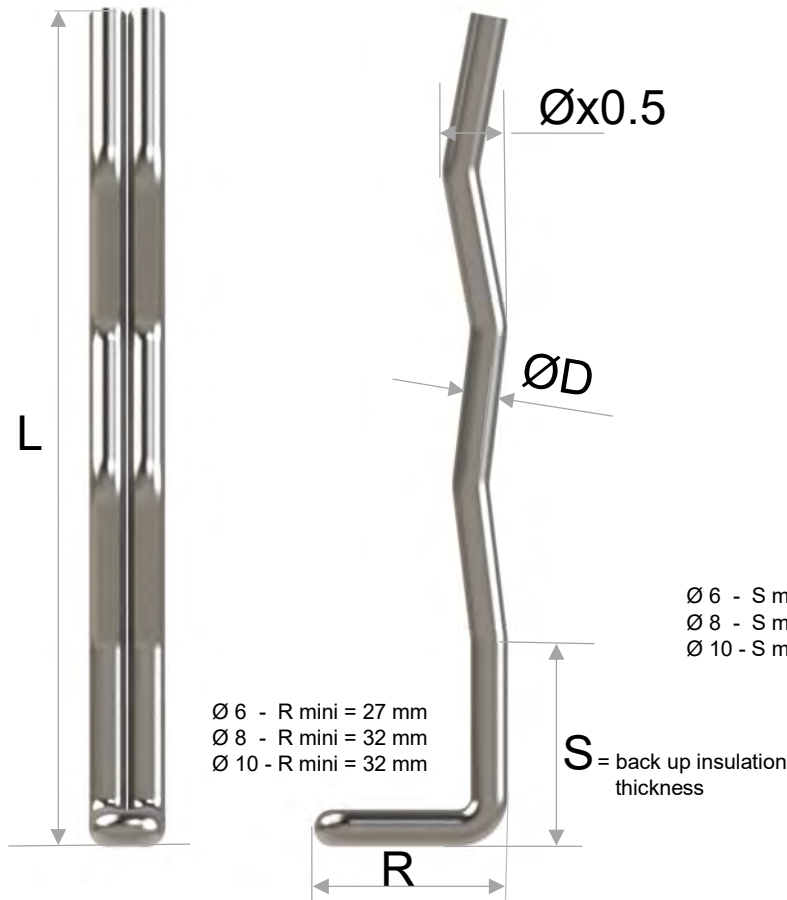


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Ø 6 - S mini = 30 mm  
 Ø 8 - S mini = 45 mm  
 Ø 10 - S mini = 30 mm

Ø 6 - R mini = 27 mm  
 Ø 8 - R mini = 32 mm  
 Ø 10 - R mini = 32 mm

$S$  = back up insulation thickness

OPTIONS :  
 SEE NEXT PAGE



Our recommendations:

- Washers in Carbon steel or aisi 304
- We highly recommend aisi 304 for washers
- 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.

<b>CTH .6-120 (30) – 30 - 310</b>					
TYPE	Ø D	LENGTH	STEP	LENGTH	ALLOY
		L	S	R	

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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CTH.6 -120/110-30 -310

**UNEQUAL LEGS**

CTH.6 -120-30-310 -C

**CAPPED**

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



**OPTION**  
**WITH WASHER**

DIN 125  
DIA 5 - M10 (20x10.5x2)  
DIA 6 - M12(24x13x2.5)  
DIA 8 - M16(32x17x3)  
Carbon Steel or  
Aisi 304 (recommended)

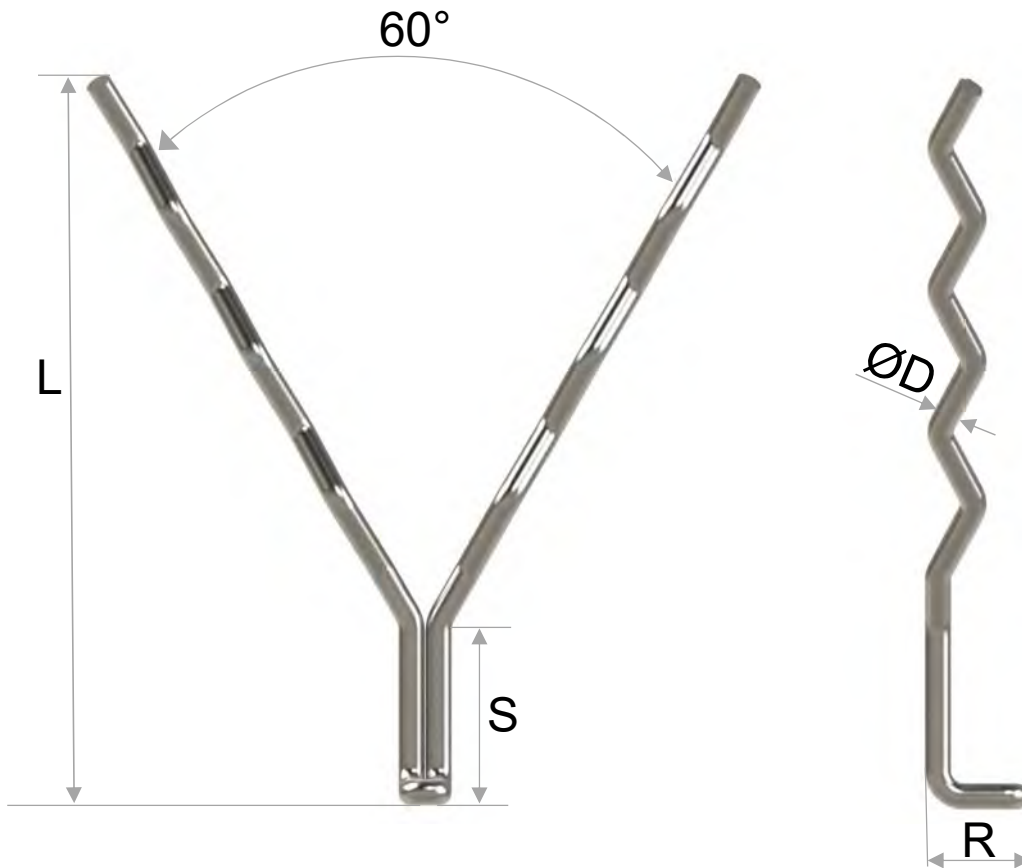
Washer prevents opening for forming the Ve in the thickness of back up insulating panel (that would damage insulation) .  
The washer is to prevent any damage to the back up insulating panel during the opening of the Ve part / dense part

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<b>CTH.8 (60) - 200(50) - 30 - 310</b>						
TYPE	Ø D	ANGLE	LENGTH STEP	LENGTH	ALLOY	
			L S	R		

OPTIONS :  
SEE NEXT 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

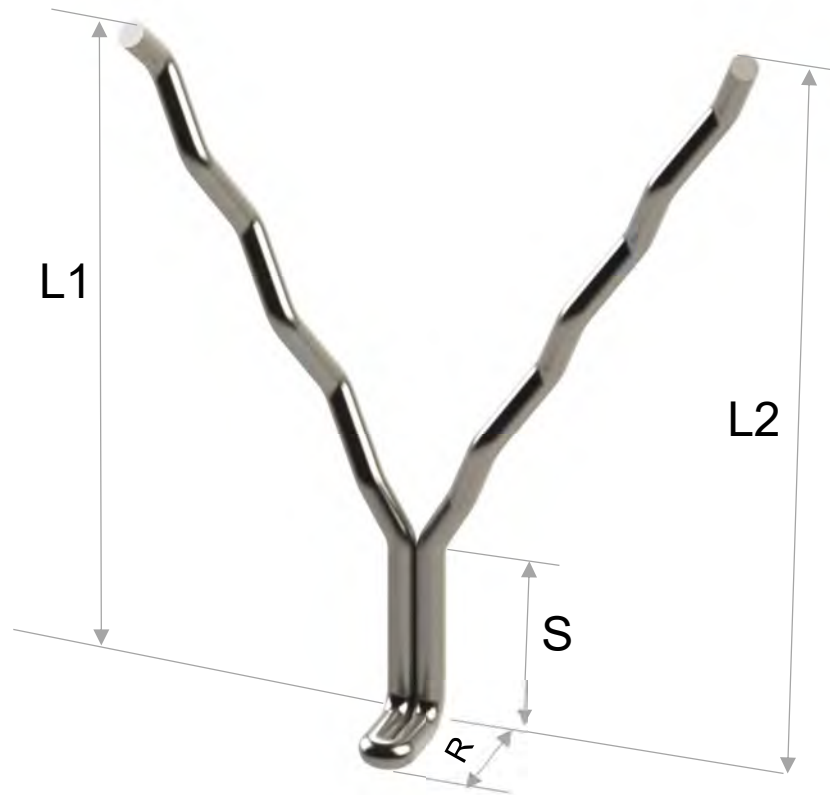


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**CTH .8 (60) – 200/185(50) - 30- 310**  
 TYPE Ø D ANGLE L1 L2 S R ALLOY  
**UNEQUAL LEGS**



**CTH.8 (60) – 200 (50) - 30 – 310 C**  
**CAPPED**

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

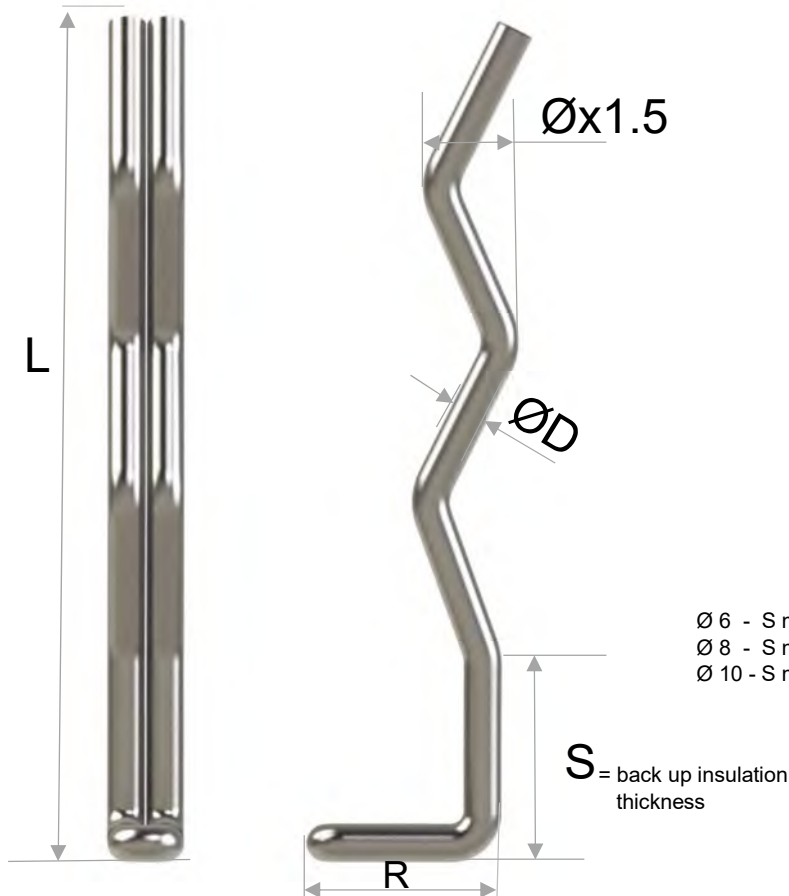


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Ø 6 - S mini = 30 mm  
 Ø 8 - S mini = 45 mm  
 Ø 10 - S mini = 30 mm

S = back up insulation thickness

OPTIONS :  
 SEE NEXT PAGE



Ø 6 - R mini = 27 mm  
 Ø 8 - R mini = 32 mm  
 Ø 10 - R mini = 32 mm

Our recommendations:

- Washers in Carbon steel or aisi 304
- More deeply corrugated than CTH
- We highly recommend aisi 304 for washers
- 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.

<b>HTH .6-100 (30) – 30 - 310</b>					
TYPE	Ø D	LENGTH	STEP	LENGTH	ALLOY
		L	S	R	

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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HTH.6 -120/110(30)-30 -310

**UNEQUAL LEGS**

HTH.6 -120(30)-30-310 -C

**CAPPED****OPTION  
WITH WASHER**

DIN 125  
 DIA 5 - M10 (20x10.5x2)  
 DIA 6 - M12(24x13x2.5)  
 DIA 8 - M16(32x17x3)  
 Carbon Steel or  
 Aisi 304 recommended

Washer prevents opening for forming the Ve in the thickness of back up insulating pannel (that would damage insulation) .

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 :  
SEE NEXT PAGE



**STP-AB .6-150 - 310**  
 TYPE Aluminium Ø D LENGTH L ALLOY  
 Ball

Our recommendations:

- A corrugated version (PAGE A7-05) performs much better.
- Washers in Carbon steel or aisi 304
- We highly recommend aisi 304 for washers
- Remember that after stud welding you lose around 3 mil length adapt length
- This anchor is designed for stud welding

**⚠ If you don't want aluminium ball, mention NO AB in the specification of anchor .**

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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STP-AB.6 -150 - 310- C  
**CAPPED**



STP-AB.6 -150/140-310  
**UNEQUAL LEGS**



FER 126      FER 126 F  
SEE PAGE A4-06



**OPTION  
WITH WASHER**

DIN 125  
DIA 5 - M10 (20x10.5x2)  
DIA 6 - M12(24x13x2.5)  
DIA 8 - M16(32x17x3)  
Carbon Steel or  
Aisi 304 recommended

Aluminium ball is recommended for stud welding (see page 11)

It makes the stud welding much easier



**⚠ If you don't want aluminium ball, mention  
NO AB in the specification of anchor .**

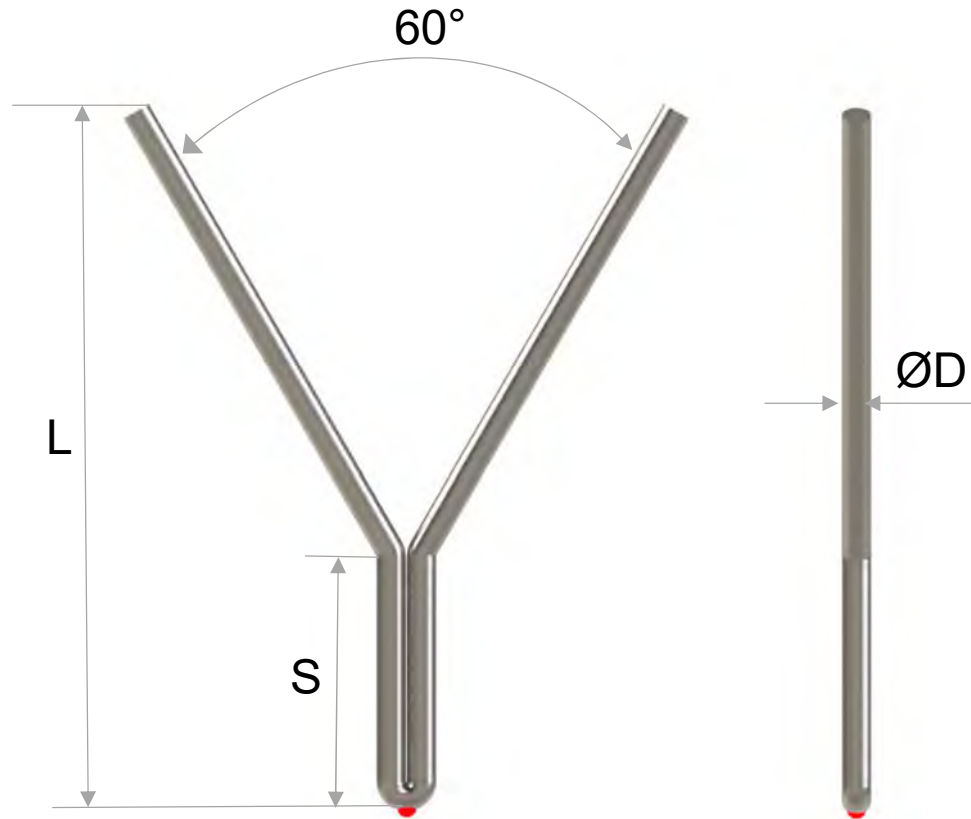
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FER 126      FER 126 F  
SEE PAGE A4-06

<b>STP-AB. 6 (60)-150 (50) - 310</b>						
TYPE	Aluminium	Ø D	ANGLE	LENGTH	STEP	ALLOY
	Ball			L	S	

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**⚠ If you don't want aluminium ball, mention NO AB in the specification of anchor .**



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STP -AB.6(60) -150(50) - 310- C  
**CAPPED**



STP-AB.6(60) -150/130(50) - 310  
**UNEQUAL LEGS**



FER 126      FER 126 F  
**SEE PAGE A4-06**

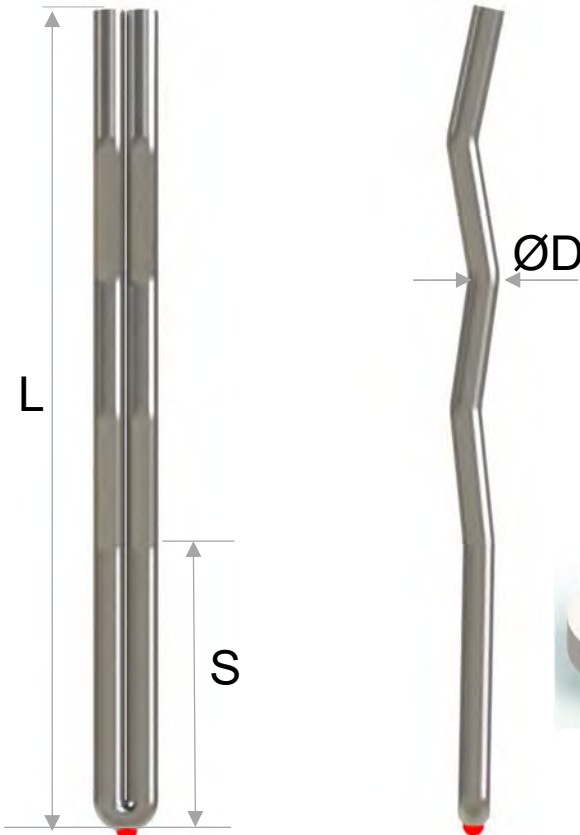
**⚠ If you don't want aluminium ball, mention NO AB in the specification of anchor .**

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OPTIONS:  
SEE NEXT PAGE



Our recommendations:

- A corrugated version performs much better.
- Washers in Carbon steel or aisi 304
- We highly recommend aisi 304 for washers
- Remember that after stud welding, you lose around 3 mil length adapt length

**⚠ If you don't want aluminium ball, mention NO AB in the specification of anchor .**

<b>CTP-AB .6-150(30) - 310</b>					
TYPE	Aluminium	Ø	LENGTH	STEP	ALLOY
	Ball	D	L	S	

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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CTP-AB.6 -150 - 304- C  
**CAPPED**



CTP-AB.6 -150/140-304  
**UNEQUAL LEGS**



### OPTION WITH WASHER

DIN 125  
DIA 5 - M10 (20x10.5x2)  
DIA 6 - M12(24x13x2.5)  
DIA 8 - M16(32x17x3)  
Carbon Steel or  
Aisi 304 recommended

Aluminium ball is recommended for stud welding (see page 11)

It makes the stud welding much easier

**⚠ If you don't want aluminium ball,  
mention NO AB in the specification**

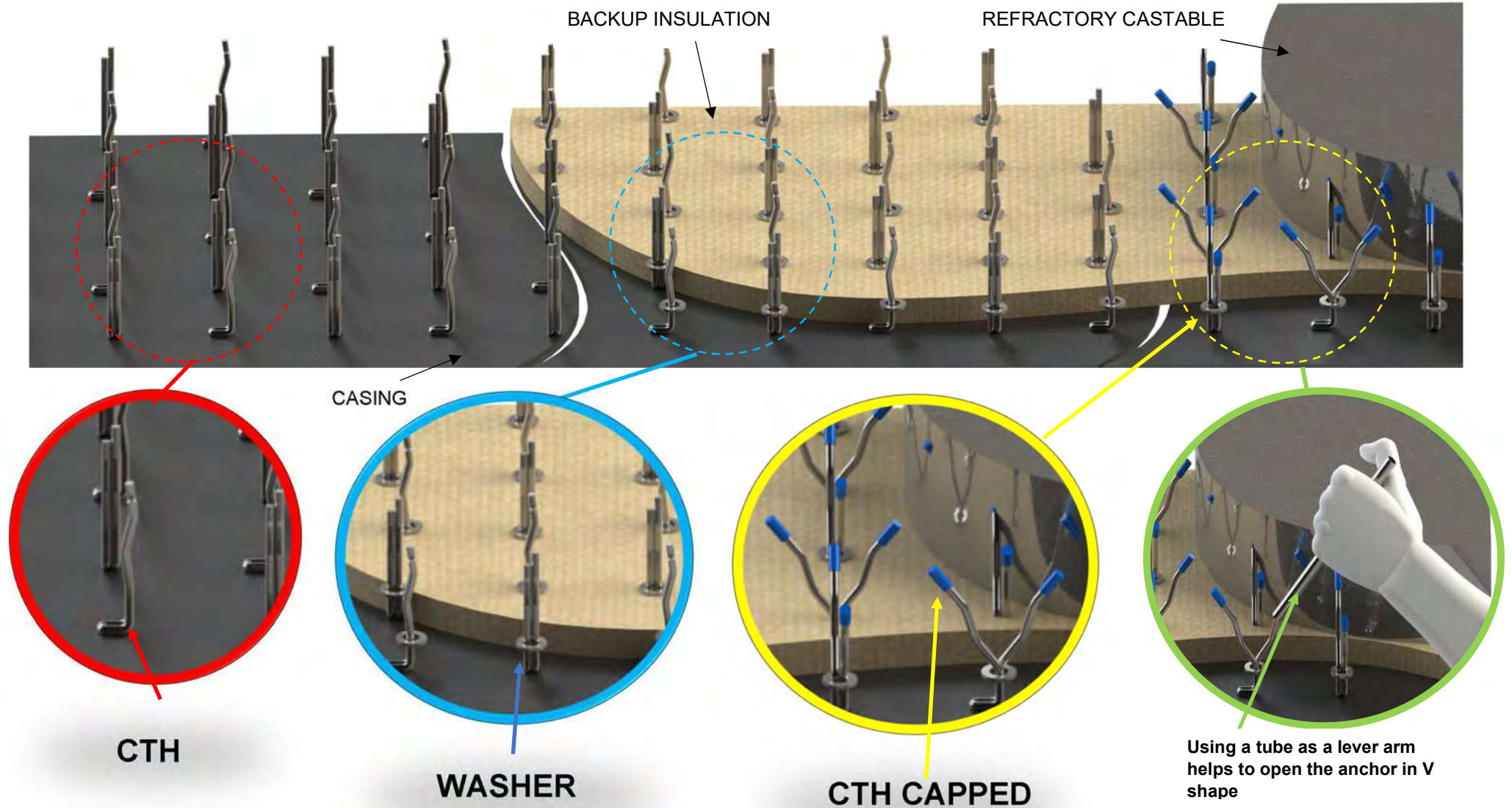
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CTH

WASHER

CTH CAPPED

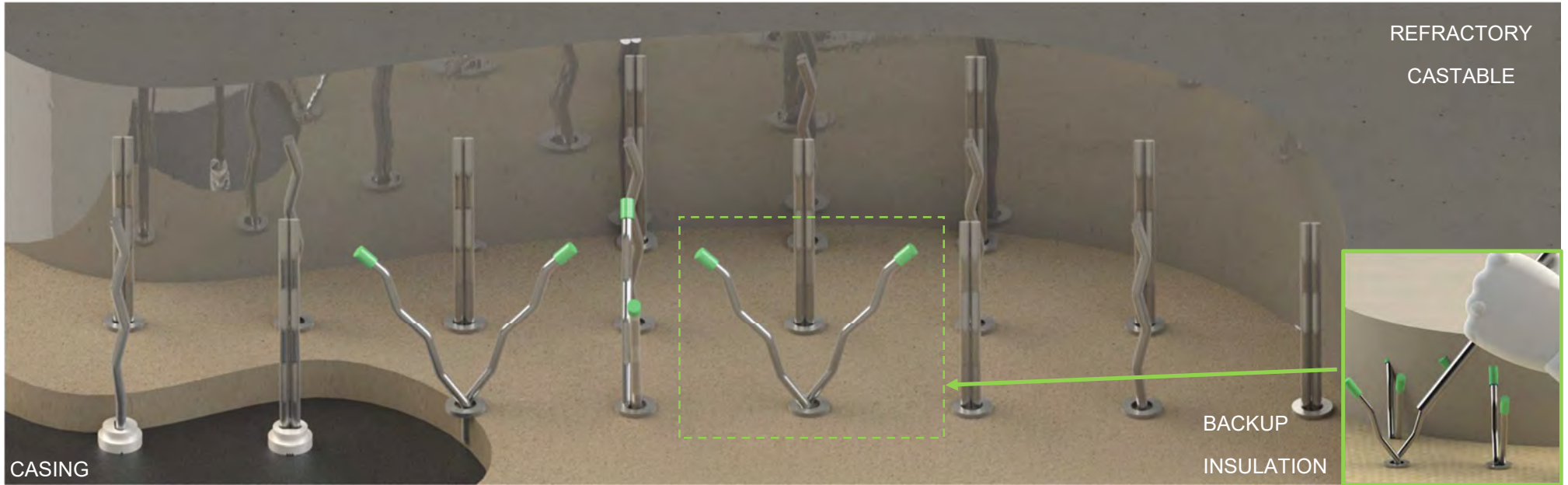
Using a tube as a lever arm helps to open the anchor in V shape

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Option : AB  
 Aluminium Ball  
 Ex : CTP.6 – 120-310-AB  
 SEE PAGE : Page A7-10  
 Recommended for stud welding

Option : FERRULES  
 Ø 5 = FER 105 F  
 Ø 6 = FER126/126F/126S  
 Ø 8 = FER 168  
 SEE PAGE : A4-06



Using a tube as a lever arm helps to open the anchor in V shape

Option : CAPS  
 SEE PAGE : Page 10

Option : Washer

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



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