

## Applications

- Suitable for standard drilled and pipes thermowells
- Instrument connection:  
thread M20x1.5, G1/2", 1/2"NPT or other
- Thermowell material:  
1.4401 ( AISI316 ), 1.4404 ( AISI316L )  
1.4541 ( AISI321 ), 1.4571 ( AISI316Ti )  
1.5415 ( 16Mo3 ), 1.7335 ( 15HM )  
1.7380 ( 10H2M )

## Options

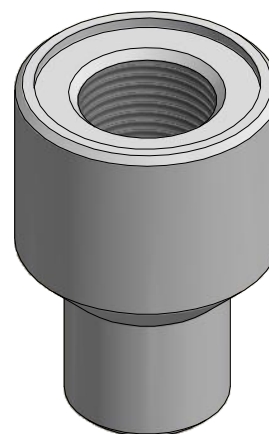
- Certificate 3.1 acc. to EN 10204
- PMI test
- Designation with individual serial number
- Other materials and dimensions

## Description

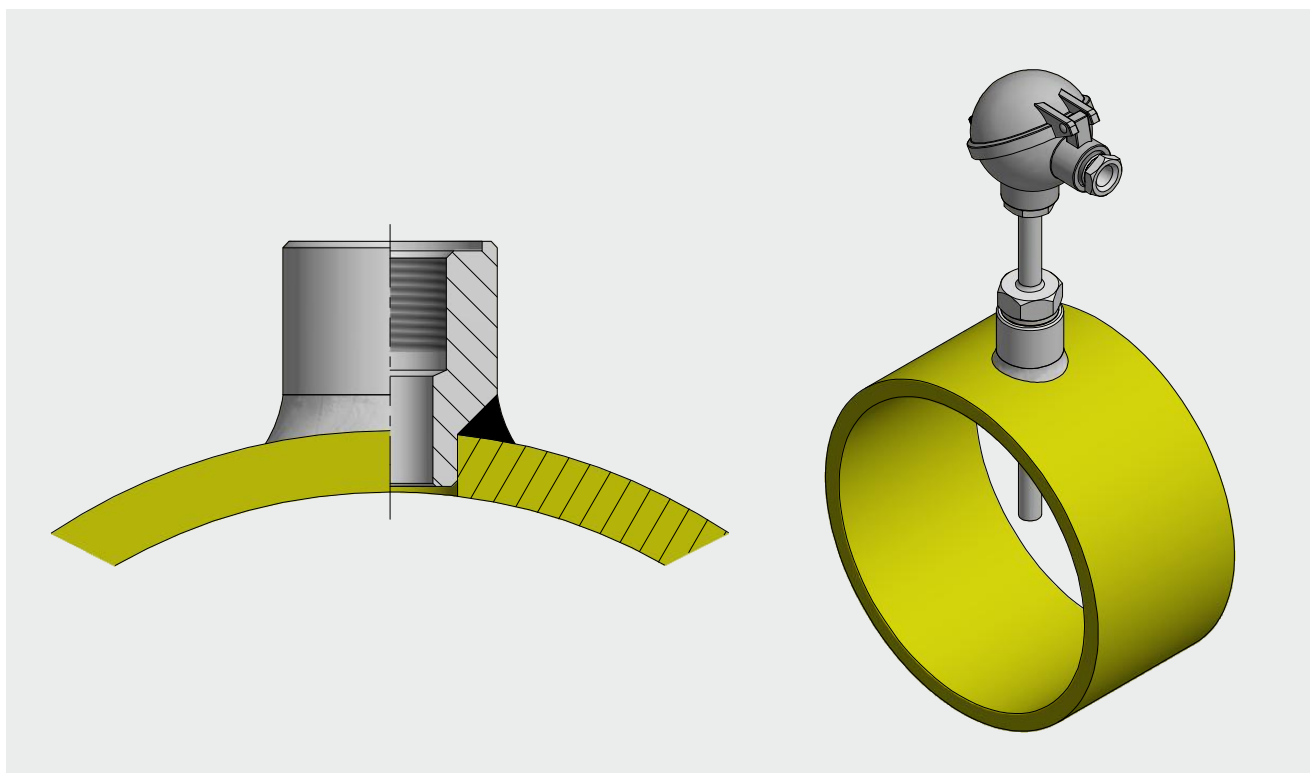
Adaptor for weld-in type T6 is designed for welding into a pipeline. Threaded connection allows to sensor assembly.

Material of adaptor for weld-in should be matched to pipeline.

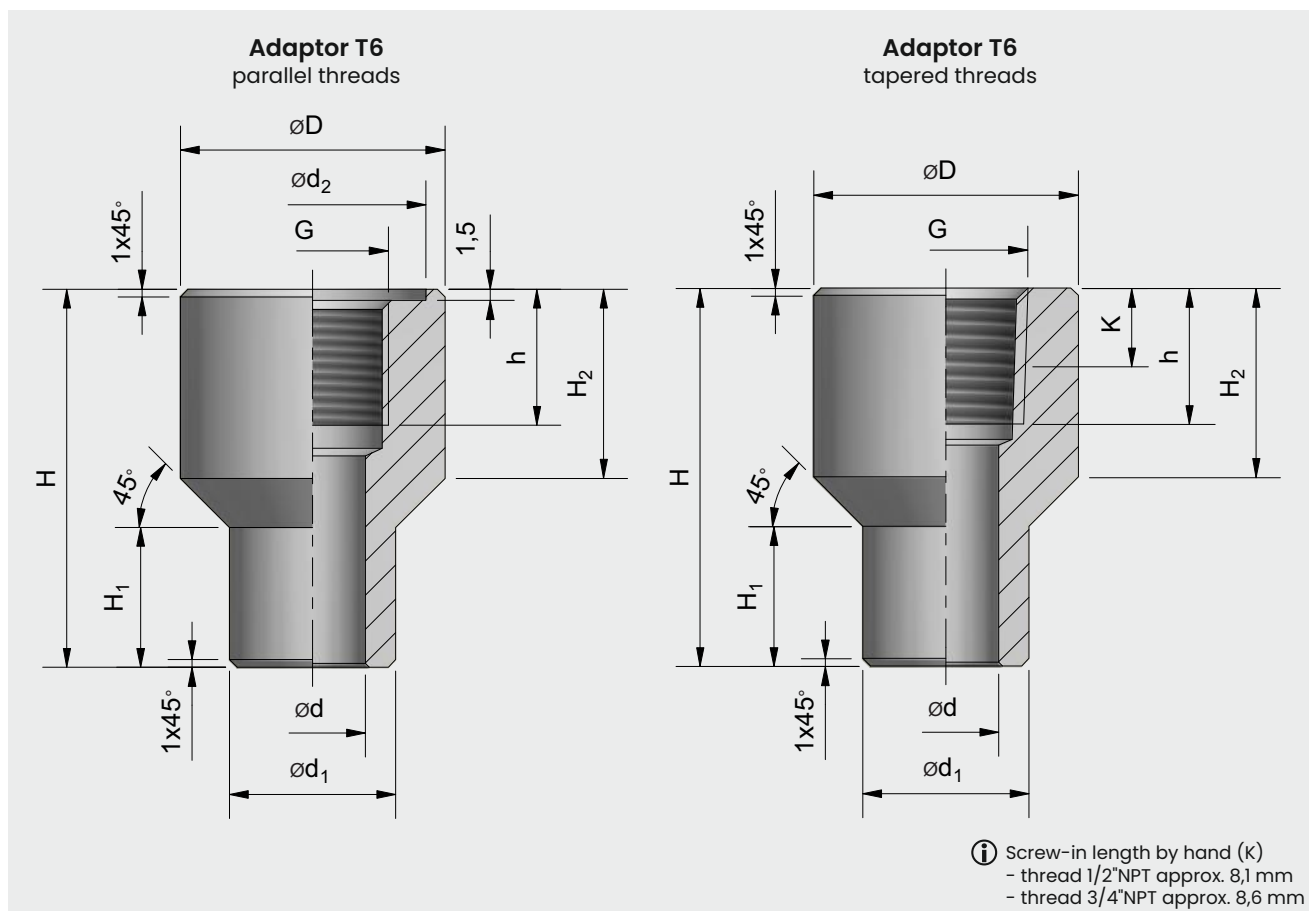
## Assembly example



**Adaptor for weld-in,  
Type T6**



## Designs



Code	Thread G	Dimensions [mm]						
		$\varnothing d$	$\varnothing d_1$	$\varnothing d_2$	$\varnothing D$	h	$H_1$	$H_2$
01	M20x1.5	10	22	30	35	18	8	25 min.
02	M20x1.5	13						
03	G1/2"	10						
04	G1/2"	14						
05	M27x2	14	26	41	50	22	8	25 min.
06	G3/4"	16						
07	G1"	18						
08	M20x1.5	18	18	24	25	16	8	25 min.
09	M18x1.5	10						
10	M16x1.5	10						
11	M14x1.5	10						
12	M12x1.5	10	18	17	35	18	8	25 min.
13	G1/4"	10						
14	M12x1	10						
15	M10x1	10	-	35	18	8	25 min.	
16	1/2"NPT	10						
17	3/4"NPT	10	-	35	18	8	25 min.	
99	other	10						

ⓘ Adjust dimension  $H_1$  to pipeline wall thickness.

## Materials

DIN material number designation	DIN	PN
1.5415	16Mo3	16Mo3
1.7335	13CrMo4-5	15HM
1.7380	10CrMo9-10	10H2M
1.4571	X6CrNiMoTi17-12-2	HI7Ni3M2T

Material	Maximal temperature	Material properties	Applications
1.5415	530°C	High resistance in water vapor environment. Perfect for applications that requires high pressure resistance. Very well weldable material.	Industrial boilers and furnaces, pressure tanks, heat exchangers, chemical industry.
1.7335	560°C	Good welded properties, does not require special preliminary heat treatment. Increased resistance to hydrogen and water vapor environment. Resistant up to 560°C.	Power and chemical industry, tank and boiler construction.
1.7380	590°C	Good welded properties. Increased resistance to hydrogen and water vapor environment. Resistant up to 590°C.	Power and chemical industry, boiler construction and pressure vessels.
1.4571	800°C	High resistance to intercrystalline corrosion after welding. Good resistance to heavy oils, steam and exhaust gases. High resistance to oxidation. Can be used continuously up to approximately 800°C. Can be use as an alternative to steel 1.4404.	Nuclear power and reactor construction, chemical apparatus engineering, annealing furnaces, heat exchangers, petrochemical and crude oil industry, food processing industry.

## Ordering code

T6 - <sup>1</sup> - <sup>2</sup> - <sup>3</sup> - <sup>4</sup>

1	<input type="text"/>	<b>Material</b>	xxx	to be specified
2	<input type="text"/>	<b>Dimension H</b>	xxx	to be specified in millimeters
3	<input type="text"/>	<b>Dimension H<sub>1</sub></b>	xxx	to be specified in millimeters
4	<input type="text"/>	<b>Code</b>	xxx	please specify according to table