

## Applications

- Suitable for standard thermowell diameters: hole diameter  $\varnothing 18H7$ ,  $\varnothing 24H7$ ,  $\varnothing 26H7$  or others
- Adaptor for weld-in material:  
1.4401 ( AISI316 ), 1.4404 ( AISI316L )  
1.4541 ( AISI321 ), 1.4571 ( AISI316Ti )  
1.5415 ( 16Mo3 ), 1.7335 ( 15HM )  
1.7380 ( 10H2M )

## Options

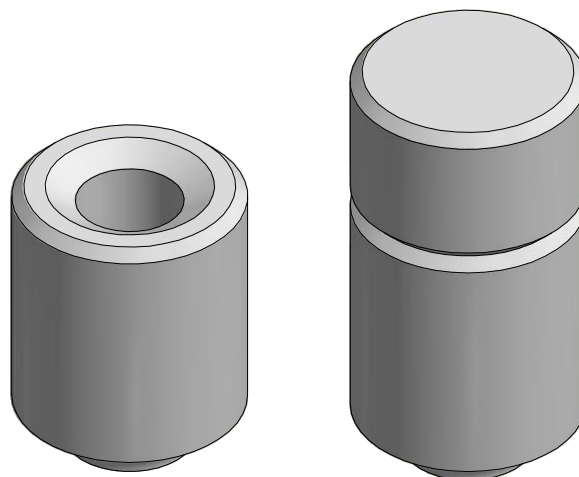
- Certificate 3.1 acc. to EN 10204
- PMI test
- Designation with individual serial number
- Other materials and dimensions

## Description

Adaptor for weld-in type T5 is designed for welding into a pipeline together with drilled thermowell type D.

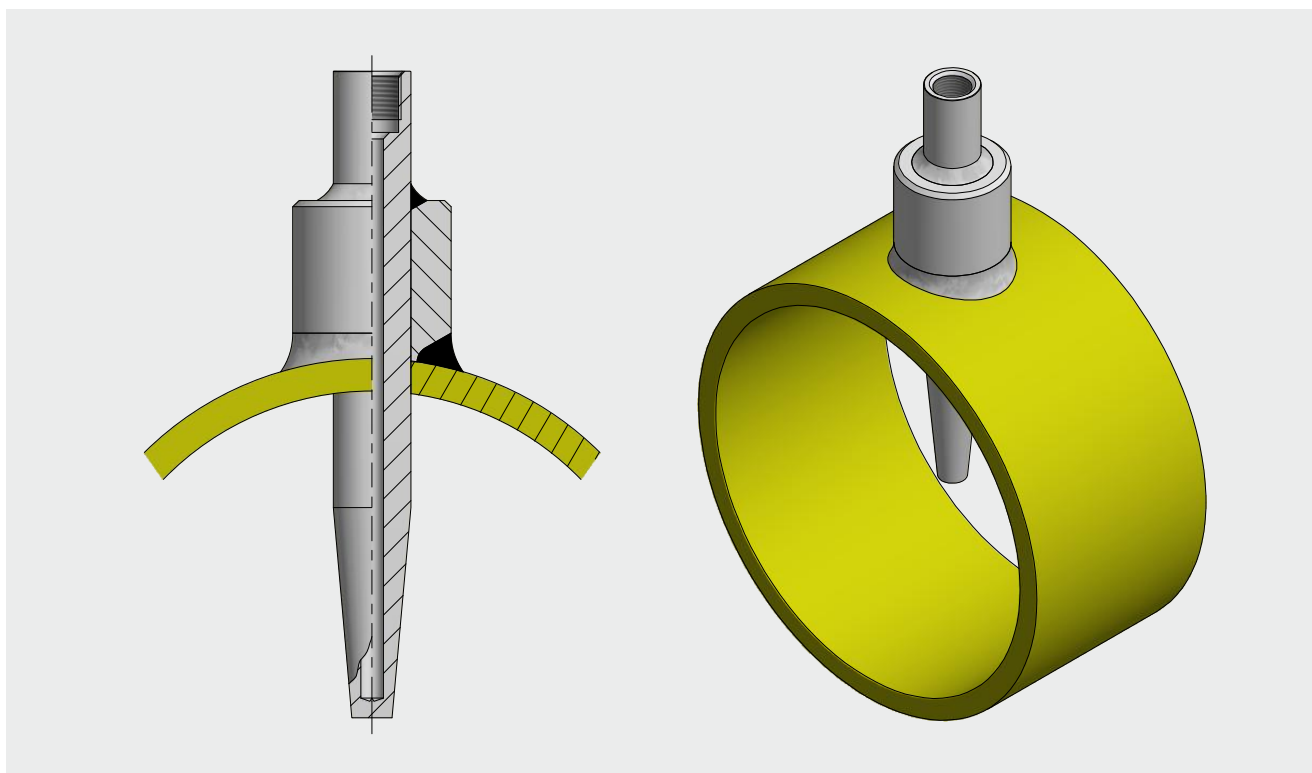
Material of adaptor for weld-in should be matched to pipeline.

## Assembly example

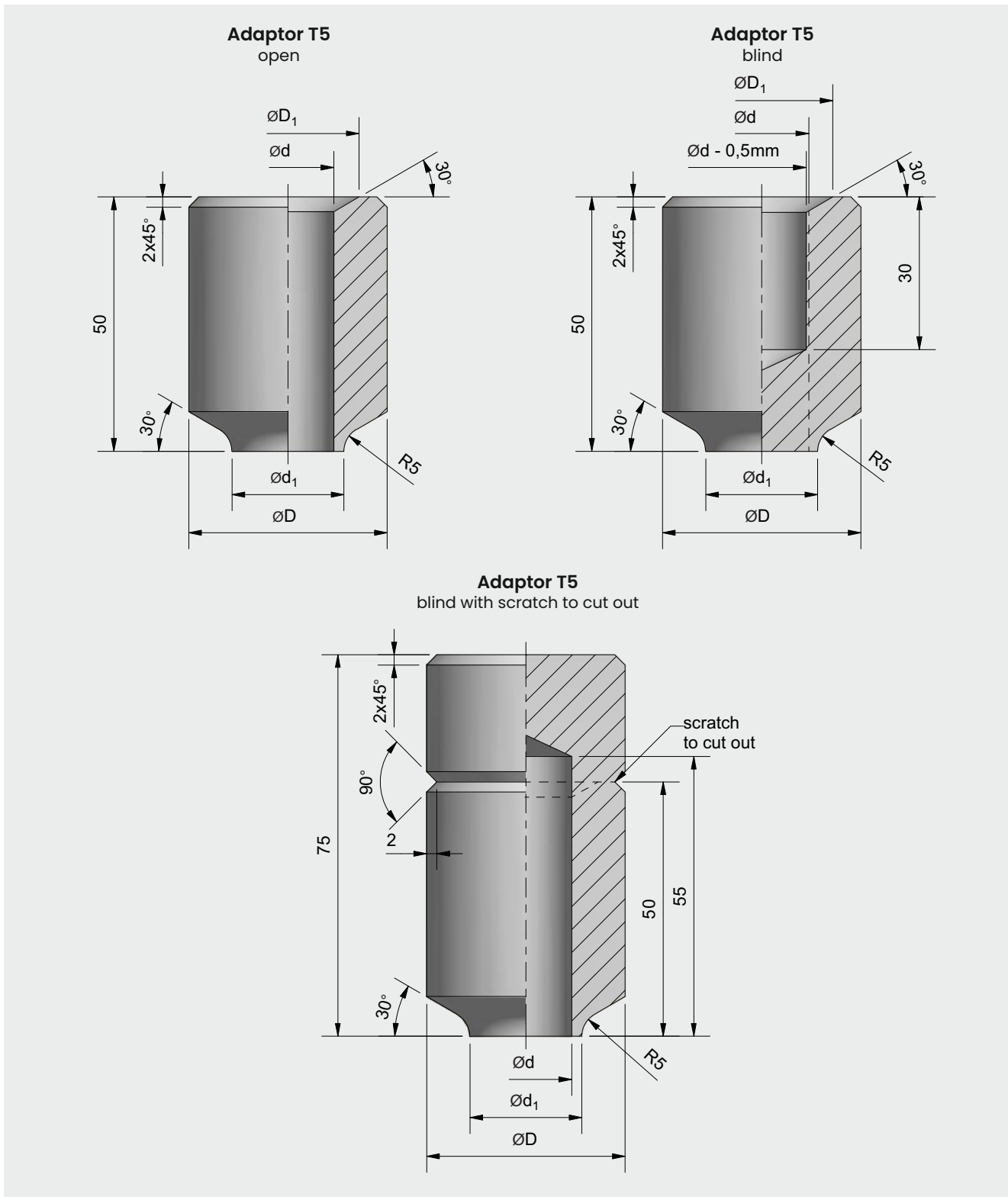


Adaptor for weld-in,  
Type T5 open / blind

Adaptor for weld-in,  
Type T5 blind  
with scratch to cut out



## Designs



Adaptor type	Dimensions [ mm ]			
	$\varnothing d$	$\varnothing d_1$	$\varnothing D$	$\varnothing D_1$
T5 - 18	$\varnothing 18\text{H7}$	$\varnothing 22$	$\varnothing 39$	$\varnothing 28$
T5 - 24	$\varnothing 24\text{H7}$	$\varnothing 28$	$\varnothing 49$	$\varnothing 34$
T5 - 26	$\varnothing 26\text{H7}$	$\varnothing 30$	$\varnothing 49$	$\varnothing 36$

**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	H17N13M2T

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**

T5 -  -  -

1	<input type="text"/>	<b>Thermowell diameter</b>	
		18	Ø18 mm
		24	Ø24 mm
2	<input type="text"/>	<b>Material</b>	
		xxx	to be specified
3	<input type="text"/>	<b>Adaptor type</b>	
		01	open
		02	blind
		03	blind with scratch to cut-out