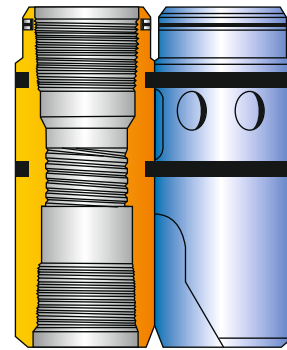


CASING & TUBING HANGER

Dual split type Tubing Hanger 'PTHDE' is used for Dual Tubing String applications. This utilises plastic packing between the seals for sealing. It is fixed by hold down screws.

Dual split type tubing hangers can also be fitted with hydraulic control lines 1 or 2 called 'PTHDC1' & 'PTHDC2'.



PTHDE Tubing Hanger

Specifications of 'PTHDE' Type Tubing Hangers				
Tubing Pipe	Bore Centre to Bore Centre	Nominal Flange Size	Casing Pipe	
			O.D.	Weight
1.90 x 1.90	2 25/32	7 1/16	5 1/2	17 LBS/FT
2 3/8 x 2 3/8	3 25/32	7 1/16	7	38 LBS/FT
2 7/8 x 2 3/8	3 35/64	7 1/16	7	29 LBS/FT
2 7/8 x 2 3/8	4	9	7 5/8	39 LBS/FT
2 7/8 x 2 7/8	4	9	7 5/8	29.7 LBS/FT
2 7/8 x 2 7/8	4 1/2	9	8 5/8	49 LBS/FT
3 1/2 x 2 7/8	5 3/64	11	9 5/8	53.5 LBS/FT
3 1/2 x 3 1/2	5 3/64	11	9 5/8	53.5 LBS/FT

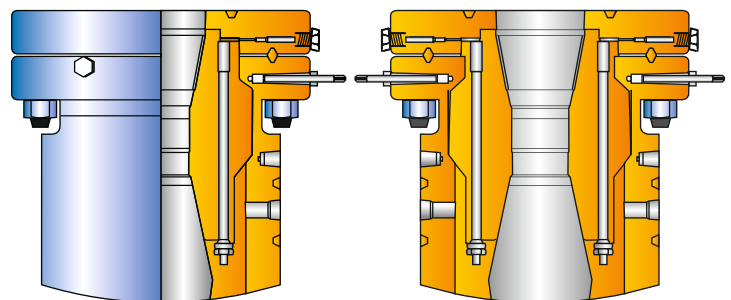
NOTE: All dimensions are in Inches.

Extended Neck Type Tubing hangers are equipped with a control line (or lines) to control the opening and closing of sub-surface safety valves (SSSV) from the surface. These are called 'PTHSC1' & 'PTHSC2'.

The type 'PTHSC1' is equipped with 1 (1/4") hydraulic control line while 'PTHSC2' is equipped with 2 hydraulic control lines. Both these types seal the annulus pressure by compressing the seal with the hold down screws installed in the type 'PTHS' Tubing spool top flange.

Type "PTHDC1".

Type "PTHDC2".



Extended Neck type Tubing Hangers

Specifications for 'PTHSC & PTHDC' Tubing Hangers					
Nominal Flange Size	Tubing Hanger Type	Lift & Suspension Threads			
		2 3/8 Up TBG	2 7/8 Up TBG	3 1/2 Up TBG	4 1/2 Up TBG
7 1/16	PTHSC	X	X	X	
	PTHDC	X	X		
9	PTHSC	X	X	X	X
	PTHDC	X	X	X	X
11	PTHSC	X	X	X	X
	PTHDC	X	X	X	X

NOTE:

- 1) X-API Standard Tubing Threads.
- 2) These hangers can also be offered with premium threads at request.
- 3) All sizes are in inches