



Figure SDHIS

Syntiro Dynamics

Figure CSDH



Hangers for Stainless Steel Tube, Pipe, Copper Tube and Conduits

"Figure DES" (Double End Studs) for attachment of Fig SDH to SDHIS

Support Range:

1/4" Tube (0.25") to 6" Pipe (6.625")

Materials:

Hardware - 304ss, 316ss, Carbon Steel & Primed Painted Carbon Steel

SDR - Ordering Instructions:

Hanger Rod with Two Threaded Ends - Part Number Builder										Group Size	Line Size OD
Rod OD	Length *		Material	Thread		Thread					
3R	3/8" OD	6L	6.0"	304	304 SS	T3	3/8"-16	T3	3/8"-16	1 to 3	0.25"T to 2"C
5R	1/2" OD	6L	6.0"	316	316 SS	T5	1/2"-13	T5	1/2"-13	4 to 7	2"P to 3"P
6R	5/8" OD	8L	8.0"	CS	Carbon Steel	T6	5/8"-11	T6	5/8"-11	8 to 9	4"T to 4"P
7R	3/4" OD	12.25L	12.25"	PP	Primer Painted Carbon Steel	T7	3/4"-10	T7	3/4"-10	10 to 11	6"T to 6"P

* Rod length is measured from end to end

Syntiro - SD Rod Mount Assembly Fig SDR - F&B and PN sheet a.pdf

Ordering examples:

3R6.0L304T3T3 = 3/8" OD Rod, 6" Long, 304 Stainless Steel with Double 3/8"-16 Threads

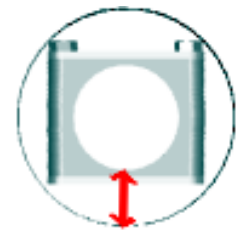
5R6.0L316T5T5 = 1/2" OD Rod, 6" Long, 316 Stainless Steel with Double 1/2"-13 Threads

6R8.0LCST6T5 = 5/8" OD Rod, 8" Long, Carbon Steel with 5/8"-11 & 1/2"-13 Threads

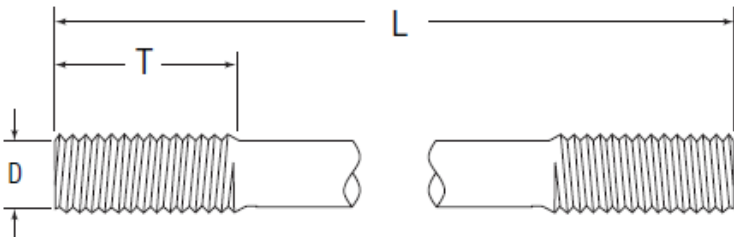
7R12.25LPPT7T7 = 3/4" OD Rod, 12.25" Long, Primer Painted with Double 3/4"-10 Threads

Benefits:

- **Insulation Envelope "IE"**: Reduced OD allows hanger to be buried under the insulation jacket
- 1.0" of insulation: 1/2" Tube (0.5") to 3" Copper (3.125")
- 1.5" of insulation: 3" Pipe (3.5") to 4" Pipe (4.50")
- 2.0" of insulation: 6" Tube (6.0") to 6" Pipe (6.625")
- Hanger's Fig SDH threaded coupling's match MSS 69's Table 4's recommended minimum rod diameters
- Rod's thread match Fig SDH's & SDHIS coupling nut's



Insulation Envelope "IE"



SDH's Centerline adder to Rod's Length per Group Size (+/- 0.125)

Grp / CL	1 = 0.75"	2 = 1.0"	3 = 1.25"	4 = 1.5"	5 = 1.69	6 = 1.82"	7 = 2.0"	8 = 2.31"	9 = 2.5"	10 = 3.35"	11 = 3.6"
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