

Leadwire Transition Fitting Dimensions

CODE	SHEATH DIAMETERS (inches)	FITTING O.D. (inches)	FITTING LENGTH	
			W/SPRING (inches)	W/O SPRING (inches)
15,16,19	0.020	3/8	2 (5/8)	1 (3/16)
15,16,19	0.032	3/8	2 (5/8)	1 (3/16)
15,16,19	0.040	3/8	2 (5/8)	1 (3/16)
15,16,19	1/16	1/4	2 (5/8)	1 (3/16)
15,16,19	1/16 ^[1]	3/8	2 (5/8)	1 (3/16)
15,16,19	1/8	1/4	2 (5/8)	1 (3/16)
15,16,19	1/8 ^[1]	3/8	2 (5/8)	1 (3/16)
15,16,19	3/16	3/8	2 (5/8)	1 (3/16)
15,16,19	1/4	3/8	2 (5/8)	1 (3/16)
15,16,19	3/8	7/16	2 (5/8)	1 (3/16)

[1] Used with flexible armor tubing, duplex T/C's, and wire codes P3, P1, and F3

Sheath Mounting Fitting Dimensions

CODE	STYLE	SHEATH O.D. (inches)	NPT SIZE (inches)	MAX NOMINAL LENGTH (inches)
05A	316 SS one-time adjustable	1/16, 1/8, 3/16, 1/4	1/8	1 1/4
05B	316 SS one-time adjustable	1/8, 3/16, 1/4, 3/8	1/4	1 1/2
05C	316 SS one-time adjustable	1/8, 3/16, 1/4, 3/8	1/2	1 13/16
15A	Brass one-time adjustable	1/8, 3/16, 1/4	1/8	1 9/32
15B	Brass one-time adjustable	3/16, 1/4, 3/8	1/4	1 1/2
15C	Brass one-time adjustable	1/4, 3/8	1/2	1 3/4
12A	316 SS re-adjustable	1/16, 1/8, 3/16, 1/4	1/8	1 1/4
12B	316 SS re-adjustable	1/8, 3/16, 1/4, 3/8	1/4	1 1/2
12C	316 SS re-adjustable	1/8, 3/16, 1/4, 3/8	1/2	1 3/4
11A	Brass re-adjustable	1/16, 1/8, 3/16, 1/4	1/8	1 9/32
11B	Brass re-adjustable	1/8, 3/16, 1/4, 3/8	1/4	1 1/2
11C	Brass re-adjustable	1/4, 3/8	1/2	1 3/4
19C	303 SS spring-loaded well ftg.	3/16, 1/4	1/2	2 1/4
8A	316 SS fixed bushing	All sizes	1/8	5/8
8B	316 SS fixed bushing	All sizes	1/4	11/16
8C	316 SS fixed bushing	All sizes	1/2	15/16
8D	316 SS fixed bushing	All sizes	3/4	1
6HN	Steel hex fitting	1/8, 3/16, 1/4, 3/8	1/2	2
8HN	316 SS hex fitting	1/8, 3/16, 1/4, 3/8	1/2	2
8RND	316 SS reducing hex fitting	1/8, 3/16, 1/4, 3/8	3/4 x 1/2	2
9HNB	303 SS hex fitting	1/8, 3/16, 1/4, 3/8	1/4	1 3/16
13A	Fixed bayonet fitting	1/8, 3/16	N/A	1 5/8
14	Adjustable flange	1/8, 3/16, 1/4, 3/8	N/A	1 1/2
16A	Adjustable bayonet fitting	1/8	N/A	1 5/8

NOTE: Fitting length can vary slightly based on tube size

Compression Fitting Pressure Rating Table

CODE	05A	05A, 05B, 05C	05A, 05B	05A, 05B, 05C	05B, 05C
Sheath O.D. & Wall Thickness	1/6" O.D. x 0.0077"	1/8" O.D. x 0.012"	3/16" O.D. x 0.020"	1/4" O.D. x 0.028"	3/8" O.D. x 0.049"
TEMPERATURE	MAXIMUM ALLOWANCE WORKING PRESSURE (PSIG)				
(-29 to 149) °C [-20 to 300] °F	3300	2850	3150	3350	3900
204 °C [400 °F]	3200	2750	3050	3250	3800
260 °C [500 °F]	3000	2550	2850	3000	3500
316 °C [600 °F]	2800	2400	2700	2850	3300
371 °C [700 °F]	2700	2350	2600	2750	3200
427 °C [800 °F]	2650	2300	2550	2650	3100
482 °C [900 °F]	2600	2200	2450	2600	3050
538 °C [1000 °F]	2400	2100	2300	2450	2850

Calculations are based on the following criteria: 316 stainless steel sheath, ultimate tensile stress of 75,000 PSI for seamless tube, Conservative Barlow Formula and safety factor of 4.0.

Bayonet Caps

7/16" I.D. single slot
Order code: A

12 mm I.D. double slot
Order code: B

12 mm O.D. dual pin
Order code: C

15 mm I.D. double slot
Order code: E

