

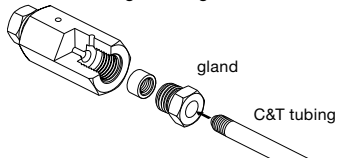
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Instructions for Cone and Thread Fittings

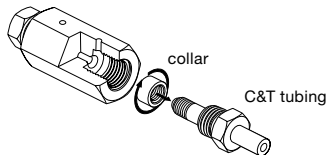
Medium-Pressure Cone and Thread (C&T) Fitting Assembly

These instructions apply to 316 stainless steel, alloy 2507, and alloy 625 medium-pressure cone & thread fitting in sizes 1/4, 3/8, 9/16, 3/4, 1 and 1 1/2 in.

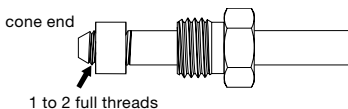
1. Lubricate all **male threads** with an anti-seize lubricant, such as a Swagelok® Goop® product. Lubricate the **cone end of the tubing** with a system compatible lubricant.
2. Slide the **C&T tubing** into the **gland**.



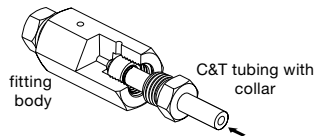
3. Thread the **collar** counter-clockwise (left-hand thread) onto the **C&T tubing**.



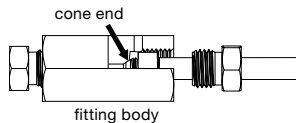
4. Continue threading until **1 to 2 full threads** are exposed at the **cone end** of the tubing. This will indicate proper position of the collar.



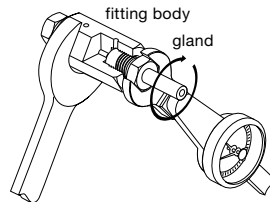
5. Insert the **C&T tubing with collar** into the **fitting body**.



6. Make sure the **cone end** of tubing rests firmly on the angled seat of the **fitting body**.



7. Thread the **gland** into the **fitting body** until finger-tight. Hold the **fitting body** steady and tighten the **gland** to the required torque shown.



Medium-Pressure C&T Fitting

Fitting Size in.	Required Torque ft-lb (N-m)	
	316 SS and Alloy 2507	Alloy 625
1/4	20 (27.2)	15 (20.3)
3/8	30 (40.7)	25 (33.9)
9/16	55 (74.6)	40 (54.2)
3/4	90 (123)	70 (94.9)
1	150 (204)	115 (156)
1 1/2	200 (271)	—

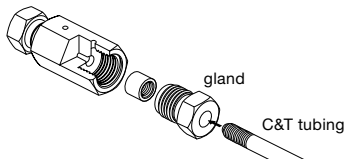
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Instructions for Cone and Thread Fittings

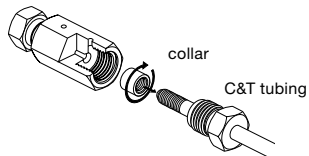
High-Pressure Cone and Thread (C&T) Fitting Assembly

These instructions apply to 316 stainless steel, alloy 2507, and alloy 625 high-pressure cone & thread fitting in sizes 1/4, 3/8, and 9/16 in.

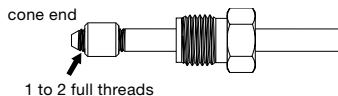
1. Lubricate all male threads with an anti-seize lubricant, such as a Swagelok® Goop® product. Lubricate the cone end of the tubing with a system compatible lubricant.
2. Slide the **C&T tubing** into the **gland**.



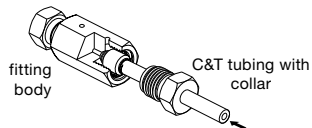
3. Thread the **collar** counter-clockwise (left-hand thread) onto the **C&T tubing**.



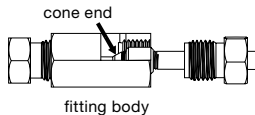
4. Continue threading until **1 to 2 full threads** are exposed at the **cone end** of the tubing. This will indicate proper position of the collar.



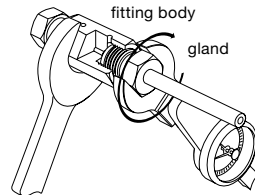
5. Insert the **C&T tubing with collar** into the **fitting body**.



6. Make sure the **cone end** of tubing rests firmly on the angled seat of the **fitting body**.



7. Thread the **gland** into the **fitting body** until finger-tight. Hold the **fitting body** steady and tighten the **gland** to the required torque shown.



High-Pressure C&T Fitting

Fitting Size in.	Required Torque ft-lb (N·m)	
	316 SS and Alloy 2507	Alloy 625
1/4	25 (33.9)	15 (20.3)
3/8	50 (67.8)	30 (40.7)
9/16	110 (150)	65 (88.1)