

MAXIMATOR anti-vibration collet gland assemblies are for use in applications where there could be extreme external mechanical vibrations or shock in tubing lines. These collet gland assemblies are interchangeable with the standard high pressure coned and threaded tube connections.

In a normal coned and threaded tube connection, any external mechanical loading on the tubing lines, valves or fittings, would be concentrated on the first thread of the tube. This can cause failure of the tube at this thinner cross-section. The anti-vibration collet gland assembly grips the tube behind the connection, supporting the tube at the full cross-section and straight area, moving the loading away from the threaded area.

The anti-vibration collet gland assembly, when tightened properly, compresses a split collet on the tube, providing the beneficial gripping action.

All anti-vibration collet gland assemblies come with a Molybdenum Disulfide Coating to guard against galling of the stainless components.



Gland Pattern	Catalog Number	Pressure Rating (PSI)	Part	O.D. Tubing Size (in.)	Dimensions (in.)	
					A	B (Hex.)
	65AVA4H	65,000 PSI	Complete Assembly	1/4	0.83	0.62
	65AVFC4H		Flat Collar			
	65AVC4H		Slotted Collet			
	65AVG4H		Gland Nut			
	65AVA6H	65,000 PSI	Complete Assembly	3/8	1.16	0.81
	65AVFC6H		Flat Collar			
	65AVC6H		Slotted Collet			
	65AVG6H		Gland Nut			
	65AVA9H	65,000 PSI	Complete Assembly	9/16	1.50	1.19
	65AVFC9H		Flat Collar			
	65AVC9H		Slotted Collet			
	65AVG9H		Gland Nut			
	43AVA16M	43,000 PSI	Complete Assembly	1	2.44	1.50
	43AVB16M		Collet Body			
	43AVC16M		Slotted Collet			
	43AVG16M		Gland Nut			

All dimensions are for reference only and are subject to change.

See page 2 in the Technical Section for determining operating pressures above room temperature.