

Anti-Vibration Collet Gland Assemblies

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 medium 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 back part of the assembly has a gland nut that, 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	Part	O.D. Tubing Size in.	Dimensions in. (mm)		
				A	B (Hex.)	C (Hex.)
	21AVA4M	Complete Assembly	1/4	1.27	0.50	0.62
	21AVB4M	Collet Body		(32.2)	(12.7)	(15.7)
	21AVC4M	Slotted Collet				
	21AVG4M	Gland Nut				
	21AVA6M	Complete Assembly	3/8	1.54	0.62	0.81
	21AVB6M	Collet Body		(39.1)	(15.7)	(20.6)
	21AVC6M	Slotted Collet				
	21AVG6M	Gland Nut				
	21AVA9M	Complete Assembly	9/16	1.82	0.94	0.94
	21AVB9M	Collet Body		(46.2)	(23.9)	(23.9)
	21AVC9M	Slotted Collet				
	21AVG9M	Gland Nut				
	21AVA12M	Complete Assembly	3/4	2.01	1.19	1.25
	21AVB12M	Collet Body		(51)	(30.2)	(31.8)
	21AVC12M	Slotted Collet				
	21AVG12M	Gland Nut				
21AVA16M	Complete Assembly	1	2.44	1.38	1.50	
21AVB16M	Collet Body		(62)	(35)	(38.1)	
21AVC16M	Slotted Collet					
21AVG16M	Gland Nut					

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

All technical and dimensional information subject to change. All general Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.