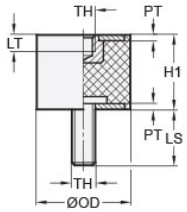
VMTSC70-30-M10-55-S

Ruland VMTSC70-30-M10-55-S, Vibration Isolation Mount, 70mm OD, M10 Threaded Stud, M10 Tapped Hole, 27mm Stud Length, 10mm Tapped Hole Depth, 30mm Height, 55 Shore A Natural Rubber Jacket, Stainless Steel





Description

Ruland VMTSC70-30-M10-55-S is a vibration isolation mount with one tapped hole and one threaded stud. It has a 70mm outside diameter, M10 threaded stud, M10 tapped hole, 27mm stud length, 10mm tapped hole depth, and 30mm height. This vibration isolation mount is used to dampen shock loads and reduce noise and wear on industrial equipment such as motors, conveyors, compressors, fans, or pumps which allows for a safer and more pleasant working environment. It is often referred to as a sandwich mount or rubber buffer because it functions as shock or vibration isolator sandwiched between two machine components or surfaces. The threaded stud side of VMTSC70-30-M10-55-S can be mounted to the system by passing it through an unthreaded hole and securing with a nut or threading it directly into tapped hole on the component it will be mounted to. The tapped hole can be mounted to the system by threading it onto an existing stud on the component. VMTSC70-30-M10-55-S has a rubber jacket that is made from natural rubber which has good elasticity and is well suited for most industrial equipment. It has 55 Shore A hardness for a balance of rigidty and shock absorption. The stainless steel body allows for increased corrosion resistance. VMTSC70-30-M10-55-S is manufactured by Otto Ganter, inventoried by Ruland, and RoHS3 compliant.

Product Specifications

Outer Diameter (OD)	2.76 in (70 mm)	**Height (H1)**	1.18 in (30 mm)
Thread (TH)	M10 x 1.5	**Plate Thickness (PT)**	0.12 in (3 mm)
Stud Length (LS)	1.06 in (27 mm)	**Tapped Hole Depth (LT)**	0.39 in (9.9 mm)
Spring Rate	4910.73 lb/in (860 N/mm)	**Shore Hardness**	55A (+/- 5)
Max Deflection	0.28 in (7.1 mm)	**Max Axial Load**	1353.35 lb (6020 N)
Geometry	Cylindrical	**Rubber Material**	Natural Rubber
Metal Material	Stainless Steel	**Metallic Body Finish**	Bright
Country of Origin	Hungary	**Weight (lbs)**	0.551200
UPC	634529364659	**Tariff Code**	4016.99.6000
UNSPC	31162804		
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		