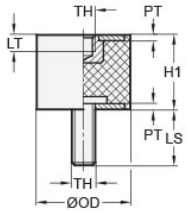
VMTSC100-55-M16-70-Z

Ruland VMTSC100-55-M16-70-Z, Vibration Isolation Mount, 100mm OD, M16 Threaded Stud, M16 Tapped Hole, 41mm Stud Length, 16mm Tapped Hole Depth, 55mm Height, 70 Shore A Natural Rubber Jacket, Steel





Description

Ruland VMTSC100-55-M16-70-Z is a vibration isolation mount with one tapped hole and one threaded stud. It has a 100mm outside diameter, M16 threaded stud, M16 tapped hole, 41mm stud length, 16mm tapped hole depth, and 55mm 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 VMTSC100-55-M16-70-Z 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. VMTSC100-55-M16-70-Z has a rubber jacket that is made from natural rubber which has good elasticity and is well suited for most industrial equipment. It has 70 Shore A hardness for the greatest rigidity and load capacity. The zinc plated steel body allows for high strength and is suitable for most industrial applications. VMTSC100-55-M16-70-Z is manufactured by Otto Ganter, inventoried by Ruland, and RoHS3 compliant.

Product Specifications

Outer Diameter (OD)	3.94 in (100 mm)	**Height (H1)**	2.17 in (55 mm)
Thread (TH)	M16 x 2.0	**Plate Thickness (PT)**	0.12 in (3 mm)
Stud Length (LS)	1.61 in (41 mm)	**Tapped Hole Depth (LT)**	0.63 in (16.1 mm)
Spring Rate	10049.86 lb/in (1760 N/mm)	**Shore Hardness**	70A (+/- 5)
Max Deflection	0.54 in (13.7 mm)	**Max Axial Load**	5453.87 lb (24260 N)
Geometry	Cylindrical	**Rubber Material**	Natural Rubber
Metal Material	Zinc Plated Steel	**Metallic Body Finish**	Zinc-Plated
Country of Origin	Hungary	**Weight (lbs)**	1.940100
UPC	634529356180	**Tariff Code**	4016.99.6000
UNSPC	31162804		
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		