



VMDSC50-50-M10-55-S

Ruland VMDSC50-50-M10-55-S, Vibration Isolation Mount, 50mm OD, M10 Threaded Studs, 28mm Stud Lengths, 50mm Height, 55 Shore A Natural Rubber Jacket, Stainless Steel




Description

Ruland VMDSC50-50-M10-55-S is a vibration isolation mount with two threaded studs. It has a 50mm outside diameter, M10 threaded studs, 28mm stud lengths, and 50mm 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. VMDSC50-50-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 holes on the components it will be mounted to. The rubber jacket is made from natural rubber which has good elasticity. It has 55 Shore A hardness for a balance of rigidity and shock absorption. The stainless steel body allows for increased corrosion resistance. VMDSC50-50-M10-55-S is manufactured by Otto Ganter, inventoried by Ruland, and RoHS3 compliant.

Product Specifications

Outer Diameter (OD)	1.97 in (50 mm)	Height (H1)	1.97 in (50 mm)
Thread (TH)	M10 x 1.5	Plate Thickness (PT)	0.08 in (2 mm)
Stud Length (LS)	1.10 in (28 mm)	Spring Rate	999.28 lb/in (175 N/mm)
Shore Hardness	55A (+/- 5)	Max Deflection	0.49 in (12.4 mm)
Max Axial Load	492.33 lb (2190 N)	Geometry	Cylindrical
Rubber Material	Natural Rubber	Metal Material	Stainless Steel
Metallic Body Finish	Bright	Country of Origin	Hungary
Weight (lbs)	0.446400	UPC	634529234952
Tariff Code	4016.99.6000	UNSPC	31162804

Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular application.

Prop 65  **WARNING** This product can expose you to chemicals including Soots and Nickel (metallic), known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.