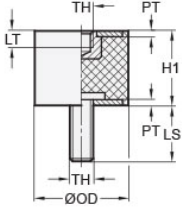




## VMTSC75-55-M12-55-Z

Ruland VMTSC75-55-M12-55-Z, Vibration Isolation Mount, 75mm OD, M12 Threaded Stud, M12 Tapped Hole, 37mm Stud Length, 12mm Tapped Hole Depth, 55mm Height, 55 Shore A Natural Rubber Jacket, Steel



### Description

Ruland VMTSC75-55-M12-55-Z is a vibration isolation mount with one tapped hole and one threaded stud. It has a 75mm outside diameter, M12 threaded stud, M12 tapped hole, 37mm stud length, 12mm 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 VMTSC75-55-M12-55-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. VMTSC75-55-M12-55-Z has a rubber jacket that is made from natural rubber which has good elasticity. It has 55 Shore A hardness for a balance of rigidity and shock absorption. The zinc plated steel body allows for high strength and is suitable for most industrial applications. VMTSC75-55-M12-55-Z is manufactured by Otto Ganter, inventoried by Ruland, and RoHS3 compliant.

### Product Specifications

<b>Outer Diameter (OD)</b>	2.95 in (75 mm)	<b>Height (H1)</b>	2.17 in (55 mm)
<b>Thread (TH)</b>	M12 x 1.75	<b>Plate Thickness (PT)</b>	0.12 in (3 mm)
<b>Stud Length (LS)</b>	1.46 in (37 mm)	<b>Tapped Hole Depth (LT)</b>	0.47 in (11.9 mm)
<b>Spring Rate</b>	3112.03 lb/in (545 N/mm)	<b>Shore Hardness</b>	55A (+/- 5)
<b>Max Deflection</b>	0.54 in (13.7 mm)	<b>Max Axial Load</b>	1688.32 lb (7510 N)
<b>Geometry</b>	Cylindrical	<b>Rubber Material</b>	Natural Rubber
<b>Metal Material</b>	Zinc Plated Steel	<b>Metallic Body Finish</b>	Zinc-Plated
<b>Country of Origin</b>	Hungary	<b>Weight (lbs)</b>	0.992100
<b>UPC</b>	634529232491	<b>Tariff Code</b>	4016.99.6000
<b>UNSPC</b>	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 the chemical Soots, known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).