



## VMS50-50-M10-70-Z/5PK

Ruland VMS50-50-M10-70-Z/5PK, Rubber Bumper, 50mm OD, M10 Threaded Stud, 28mm Stud Length, 50mm Height, 70 Shore A Natural Rubber Jacket, Steel

**5** pack



### Description

Ruland VMS50-50-M10-70-Z/5PK is a 5 pack of rubber bumpers, each with a threaded stud. An individual rubber bumper has a 50mm outside diameter, M10 threaded stud, 28mm stud length, and 50mm height. Rubber bumpers are used to dampen shock loads and reduce noise and wear on industrial equipment, machine doors, and floors or other surfaces which allows for a safer and more pleasant working environment. They are often referred to as a sandwich mount or rubber buffer because they function as a shock or vibration isolator sandwiched between two machine components or surfaces. These rubber bumpers have a cylindrical shape allowing for even distribution of shock loads. A rubber bumper 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 component it will be mounted to. The rubber jackets are made from natural rubber which has good elasticity and is well suited for most industrial equipment. Rubber bumpers in this pack have 70 Shore A hardness for the greatest rigidity and load capacity. Bodies are made from zinc plated steel allowing for high strength suitability in most industrial applications. These rubber bumpers are manufactured by Otto Ganter, inventoried by Ruland, and RoHS3 compliant.

### Product Specifications

|                            |                                                                                                              |                             |                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------|
| <b>Outer Diameter (OD)</b> | 1.97 in (50 mm)                                                                                              | <b>Height (H1)</b>          | 1.97 in (50 mm)          |
| <b>Thread (TH)</b>         | M10 x 1.5                                                                                                    | <b>Plate Thickness (PT)</b> | 0.08 in (2 mm)           |
| <b>Stud Length (LS)</b>    | 1.10 in (28 mm)                                                                                              | <b>Spring Rate</b>          | 2369.71 lb/in (415 N/mm) |
| <b>Shore Hardness</b>      | 70A (+/- 5)                                                                                                  | <b>Max Deflection</b>       | 0.49 in (12.4 mm)        |
| <b>Max Axial Load</b>      | 941.95 lb (4190 N)                                                                                           | <b>Multipack Quantity</b>   | 5                        |
| <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>         | 1.785700                 |
| <b>UPC</b>                 | 634529362174                                                                                                 | <b>Tariff Code</b>          | 4016.99.6000             |
| <b>UNSPC</b>               | 31162804                                                                                                     |                             |                          |
| <b>Note 1</b>              | Performance ratings are for guidance only. The user must determine suitability for a particular application. |                             |                          |