

Wave Washer



Wave Spring Washers are most important used for loaded ball bearings, pre-loaded bearings in electric motors application . Wave washer have a totally noise free operation, Space saving in axial and radial direction, Reduced working height with same force for loaded ball bearings :

Application where a small deflection is required.
For pre-loaded bearings in electric motors :

Installed in the ball bearing housing and works by maintaining a force on the outer face of the ball bearing.

Material and Hardness :

Carbon Spring steel (DIN17222 / EN10132-4) : (42 - 52 HRC)

Carbon Spring steel Hardened and Tempered : (42 - 52 HRC)

Stainless Steel 301 / 304 : (42 HRC min.)

Inconel X 750 and X718 : (38 HRC min.)

Surface Finish :

Phosphate (IS 3618)

Electro Zinc Plating (IS 1573)

Mechanical Zinc Plating (ASTM B695)

Polish Finish for Stainless Steel