

## 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