

Mubea, is an International synonym for "Spring Technology" of highest standard. Mubea has a well equipped manufacturing plant at Dadden in Germany, where all types of disc springs are manufactured as per DIN standard 2093. Starting with the production of blanks for Disc-springs, till the final shot pinning process, all the operations are carried out in house, of the mubea group. Hence these disc - springs comply with highest world wide quality standard.

**The conventional Disc Springs are available in the following categories.**

**Dimensions** : Out side Diameter from 08 mm to 800 mm.

**Material** : 50 Cr V4, Ck 67

Also available in stainless steel, Inconel and special material

**Surface**

**Treatment** : Zinc Phosphating, followed by oiling. Shot peened for longer fatigue resistance.

**Applications** : Disc Springs have wide applications and are used in many industries which include Automotive, Machine Tool Building, Process Equipment, Wind Mills, Construction Equipment, Power Plant, Transmission Equipment etc.



**Particular areas of application of Disc Springs are**

- ▶ Machine tool - for tool clamping system to hold the tool securely.
- ▶ Boilers - in boiler suspension for absorbing the deflection due to thermal expansion.
- ▶ Valves - In valves for movement of the stems.
- ▶ Safety systems - for storage of energy
- ▶ Overload couplings - For providing the load required to maintain sufficient friction to transmit the torque
- ▶ Slip Clutches - To provide axial pressure on friction linings.
- ▶ Piston return springs - ensures the piston return to original position.
- ▶ Backlash compensation - To compensate for geometric tolerances in assemblies
- ▶ Cable way grip - To generate friction lock between cable grip & wire cable
- ▶ Disc Springs for Ball Bearings are also available

**Please specify your exact requirement of Disc Springs in the following format.**

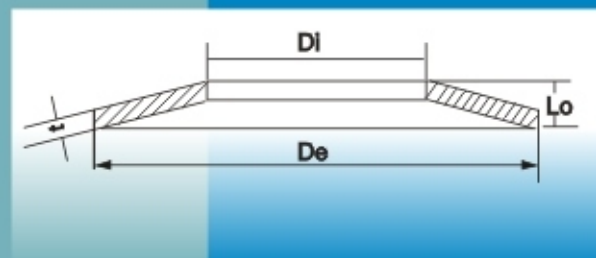
De = Out Side Dia. In mm.

Di = Inside Dia in mm

t = Plate Thickness in mm.

Lo = Total height in mm.

for more technical details. **Please visit mubea at : [www.mubea.com](http://www.mubea.com)**



Indian counter part of Mubea, Germany