

MUBEA DISC SPRINGS

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.

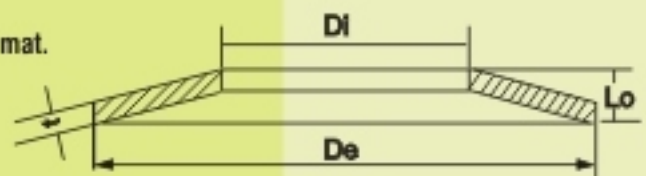
De = Out Side Dia. In mm.

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)



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Mubea
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