Product title:

DISC SPRING DIN 2093 M12LE4891

Product image:



Product price:

€456.00

Product short description:

DISC SPRING DIN 2093 M12LE4891

Product features:

WIDTH (t): 15.3
OUTSIDE DIAMETER (De): 300
INSIDE DIAMETER (Di): 127
UNLOADED LENGTH (Lo): 22.8
INNER HEIGHT-MAX. STROKE (ho): 7.5
STROKE (s) 0.25ho: 1875
LOAD IN NEWTONS (F) 0.25ho: 104600
STROKE (s) 0.5ho: 3.75
LOAD IN NEWTONS (F) 0.5ho: 197000
STROKE (s) 0.75ho: 5625
LOAD IN NEWTONS (F) 0.75ho: 281200
STROKE (s) ho: 7.5
LOAD IN NEWTONS (F) ho: 361400

Product description:

Disk springs for static and dynamic loading are particularly suitable for use in applications that require high force but have limited space.

By combining the springs in various ways, it is possible to obtain different forces and characteristics.

See opposite figures.

The disc springs we have in stock are of the highest quality and have a special feature, which keeps the internal diameter unchanged when the spring is compressed.

As a result, these springs produce very little friction, exhibit little pressure drop, and have a considerably longer life span.

Disk springs are divided into three groups:

- Group 1: springs with a thickness (t) LESS THAN 1.25 mm Without chamfering on internal or external diameters.
- Group 2: springs with a thickness (t) of 1.25 to 6.0 mm are chamfered in inner and outer diameter
- Group 3: springs with a thickness (t) GREATER THAN 6.0 mm have been chamfered throughout their

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geometry and the contact surfaces are flattened.

Material:

- Group 1: CK 67 / 51CrV4
- Group 2: 51CrV4
- Group 3: 51CrV4

Surface finish: shot blasted, phosphated, blackened and oiled.

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