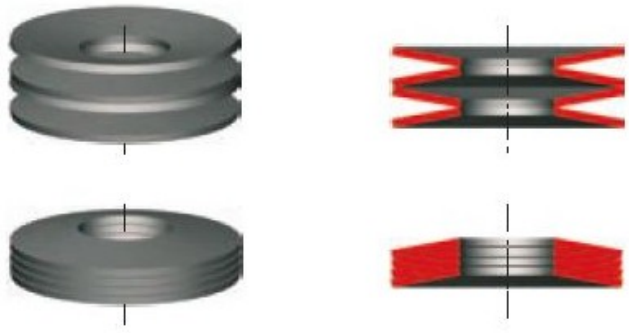
Product title:

DISC SPRING DIN 2093 M12LE4924

Product image:



Product price:

€522.00

Product short description:

DISC SPRING DIN 2093 M12LE4924

Product features:

WIDTH (t): 14.2
OUTSIDE DIAMETER (De): 340
INSIDE DIAMETER (Di): 172
ESPESOR (t1): 13.3
UNLOADED LENGTH (Lo): 24.4
INNER HEIGHT-MAX. STROKE (ho): 10.2
STROKE (s) 0.25ho: 2.55
LOAD IN NEWTONS (F) 0.25ho: 118800
STROKE (s) 0.5ho: 5.1
LOAD IN NEWTONS (F) 0.5ho: 205200
STROKE (s) 0.75ho: 7.65
LOAD IN NEWTONS (F) 0.75ho: 268900
STROKE (s) ho: 11.1
LOAD IN NEWTONS (F) ho: 336100

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 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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