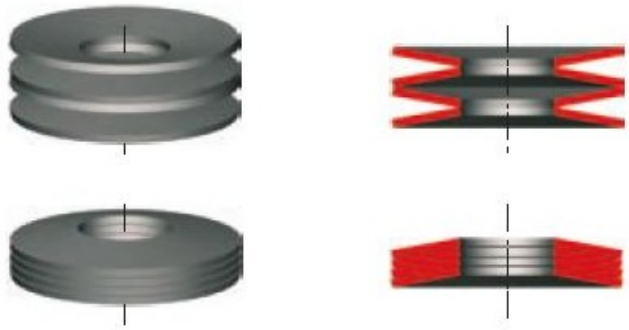
Product title:

DISC SPRING INOXIDABLE M12LE7972

Product image:



Product price:

€25.80

Product short description:

DISC SPRING INOXIDABLE M12LE7972

Product features:

WIDTH (t): 2
OUTSIDE DIAMETER (De): 31.5
INSIDE DIAMETER (Di): 16.3
UNLOADED LENGTH (Lo): 2.75
INNER HEIGHT-MAX. STROKE (ho): 0.75
STROKE (s) 0.25ho: 0.187
LOAD IN NEWTONS (F) 0.25ho: 2023
STROKE (s) 0.5ho: 0.375
LOAD IN NEWTONS (F) 0.5ho: 3900
STROKE (s) 0.75ho: 0.562
LOAD IN NEWTONS (F) 0.75ho: 5679
STROKE (s) ho: 0.75
LOAD IN NEWTONS (F) ho: 7410

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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