

info@springmakers.net Whatsapp 677 519 152 Biggest area in the world

Product title:

DISC SPRING INOXIDABLE M12LE7947

Product image:

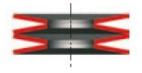
Product price:

€10.36

Product short description:

DISC SPRING INOXIDABLE M12LE7947











Product features:

WIDTH (t): 0.5 OUTSIDE DIAMETER (De): 20

INSIDE DIAMETER (Di): 10.2 UNLOADED LENGTH (Lo): 1.15

INNER HEIGHT-MAX. STROKE (ho): 0.65

STROKE (s) 0.25ho: 0.162

LOAD IN NEWTONS (F) 0.25ho: 130

STROKE (s) 0.5ho: 0.325

LOAD IN NEWTONS (F) 0.5ho: 202

STROKE (s) 0.75ho: 0.487

LOAD IN NEWTONS (F) 0.75ho: 234

STROKE (s) ho: 0.65

LOAD IN NEWTONS (F) ho: 247

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



(t) #1225 to 6.0 mm are chamfered in inner and outer diameter

Group 3: springs with a thickness MEATER 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: 51CrV4Group 3: 51CrV4

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

