

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

Product title:

DISC SPRING DIN 2093 M12LE4891

Product image:

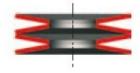
Product price:

€456.00

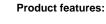


DISC SPRING DIN 2093 M12LE4891









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



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) (25° to 6.0 mm are chamfered in inner and outer diameter

Group 3: springs with a thickness OFEATER 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.

