

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

Product title:

# DISC SPRING DIN 2093 M12LE4904

### **Product image:**

Product price:

## €482.00

#### Product short description:

DISC SPRING DIN 2093 M12LE4904

#### Product features:

WIDTH (t): 16.5 OUTSIDE DIAMETER (De): 300 INSIDE DIAMETER (Di): 152 UNLOADED LENGTH (Lo): 23 INNER HEIGHT-MAX. STROKE (ho): 6.5 STROKE (s) 0.25ho: 1625 LOAD IN NEWTONS (F) 0.25ho: 117500 STROKE (s) 0.5ho: 3.25 LOAD IN NEWTONS (F) 0.5ho: 225600 STROKE (s) 0.75ho: 4875 LOAD IN NEWTONS (F) 0.75ho: 327600 STROKE (s) ho: 6.5 LOAD IN NEWTONS (F) ho: 426400

#### 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.

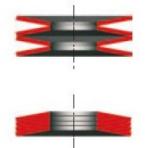
The disc springs we have in stock are of the highest quality and have a special feature, which keeps the internal diameter unchanged when the spring is compressed.

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.





Group 2: Springs with a Inickness (t)
Group 3: springs with a Inickness (t)
Group 3: springs with a Inickness (t)

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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.

