FABORY



Disc spring type A (heavy) DIN ≈2093 A/C Stainless spring steel A2 (1.4310) 18X6,2X0,4MM

Article number	51448.186.004
Brand	-
UBB	500634483563
UNSPSC	31161811
EAN	8715494624893
PKG. of 100	Full Box Only

Technical Parameters

Diameter	6.2 mm
d_e	18
di	6.2
Material	Stainless spring steel
Material technical	A2 (1.4310)
Outer diameter	18
Type no.	A (heavy)
Info	Disc springs acc. to » DIN 2093 A are mostly used in critical applications with safety first. Similar applications can be found in for example safety torque limiter clutches, hinge stiffeners and applications of constant roll pressure. Because of the right combination c.q. stacking of the disc springs the elasticity and/or deflection can be dosed accurately. The technical

Standards

DIN	≈2093-A/C

specifications of the disc springs above meet the highest expectations with reference to the static and dynamic load. Heat treatment gives a copper-bronze colour to this disc springs.De(h12) 8-10-12,5-14-16-18-20-22,5-25-28-31,5-40 X 12 CrNi 17 7 (Werkstoffnr. 1.4310).De(h12) 35,5-50-56-71 X 35 CrMo 17 (Werkstoffno. 1.4122).De(h12) 45 X 7 CrNiAl 17 7 (Werkstoffno. 1.4568).De(h12) 80-100 X 22 CrMoV 12 1 (Werkstoffno. 1.4923).F = spring force in Newton at a deflection s = 0,75 ho(ho= Lo– t).De(h12)=40, t=1 ATTENTION: acc. to ≈ DIN 2993 C standardised: execution 'light'.For the calculation of disc springs, see DIN 2092.

Technical Specification

di (H12)	6.2
D (mm)	6.2
l0	1.2
t	0.4
Thickness	0.4

Technical Drawing

