

RETAINING RINGS

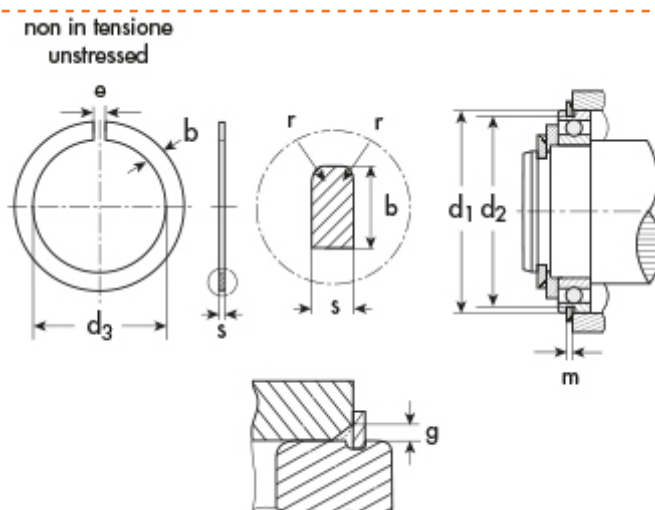
Material: Spring steel

Hardness:
45÷50 HRC 450÷520 HV

SURFACE FINISHES
Phosphated and oiled
Blackened and oiled
Manufacturer's choice

Example of designation:
ring type **SP 30**

Outer edges sharp or rounded, to manufacturer's choice



DIN 5417
circlips for
bearing type
SP - for shafts



d₁=shaft diameter
d₂=groove diameter
d₃=inner diameter in the unstressed state
s=thickness

d1	Description	Price euro /100	% Price Change		Package
			1	2	
230.00	SP 230	on demand	-	-	25

RING		GROOVE		SUPPLEMENTARY DATA	
d1	230.00	d2	222.00	FN (kN)	473.0
s	3.50	tole d2	-0.50	FR (kN)	169.0
tole s	-0.1	m	4.50	g	6.0
d3	219.2	Delta tole di m (solo x S)	0.4	FRg (kN)	16.80
tole d3	1.8			K (kN.mm)	406.0
e	10			n _{abl} .x1000 (giri/min)	1.000
r	1.2				
b ~	10.00				
tole b	-0.15				
d4	242.0				
weight kg/1000	200.000				

Technical informations are indicative and can be updated.

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