

RETAINING RINGS

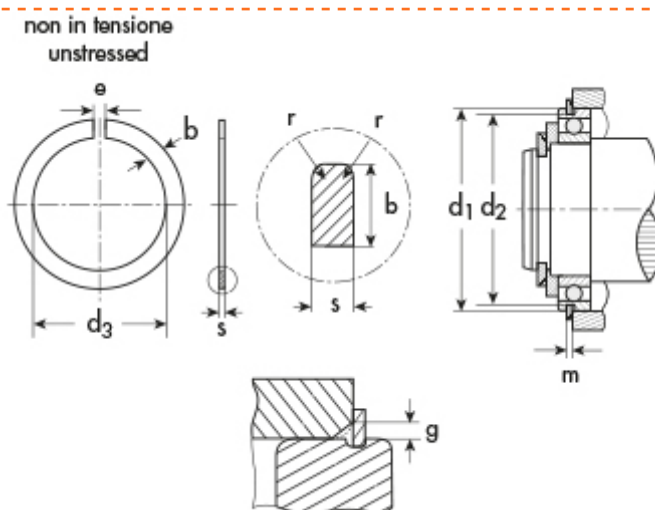
Material: Spring steel

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	
110.00	SP 110	190,00	-	-	50

RING		GROOVE		SUPPLEMENTARY DATA	
d1	110.00	d2	106.81	FN (kN)	90.7
s	2.46	tole d2	-0.50	FR (kN)	69.0
tole s	-0.1	m	2.70	g	3.5
d3	105.2	Delta tole di m (solo x S)	0.3	FRg (kN)	10.10
tole d3	1.0			K (kN.mm)	143.0
e	5			n _{abl} .x1000 (giri/min)	1.000
r	0.7				
b ~	4.85				
tole b	-0.15				
d4	116.6				
weight kg/1000	32.800				

Technical informations are indicative and can be updated.

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