

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	
190.00	SP 190	1.100,00	-	-	25

RING		GROOVE		SUPPLEMENTARY DATA	
d1	190.00	d2	183.64	FN (kN)	311.0
s	3.10	tole d2	-0.50	FR (kN)	140.0
tole s	-0.1	m	3.50	g	5.0
d3	181.0	Delta tole di m (solo x S)	0.3	FRg (kN)	16.20
tole d3	1.8			K (kN.mm)	328.0
e	10			n _{abl} .x1000 (giri/min)	1.000
r	0.7				
b ~	9.60				
tole b	-0.15				
d4	202.9				
weight kg/1000	139.000				

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350