

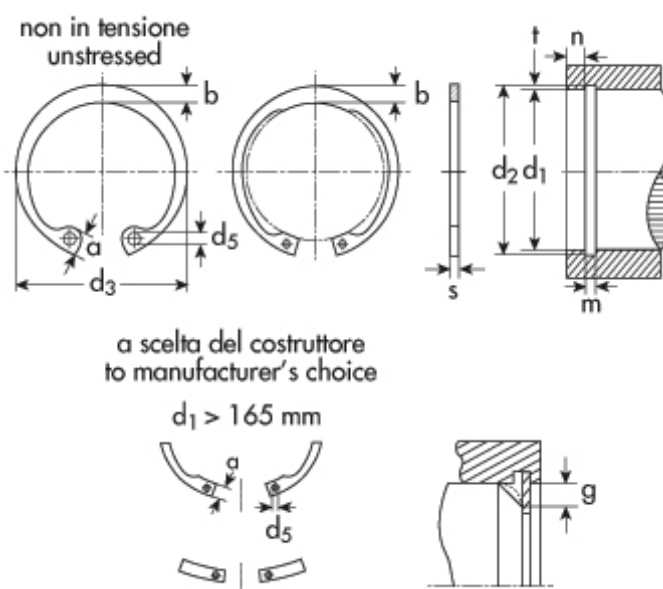
RETAINING RINGS

Material: Spring steel

Hardness:

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

Example of designation:
 ring type J 30



DIN 472
 UNI 3654-7437
 Type J - for
 bores



d₁=bore diameter
 d₂=groove diameter
 d₃=ring diameter in the unstressed state
 s=thickness

d1	Description	Price euro /100	% Price Change	Package
19.00	J 19	3,00	-	1000

RING		GROOVE		SUPPLEMENTARY DATA	
d ₁	19.00	d ₂	20.0	n	1.5
s	1.00	tole d ₂	0.13	FN (kN)	5.10
tole s	-0.06	m	1.10	FR (kN)	6.8
d ₃	20.5	t	0.50	g	1.0
tole d ₃	+0.42 -0.13			FRg (kN)	2.5
a max	4.1			AN (mm ²)	30.6
b ~	2.2			K (kN.mm)	17.2
d ₅ min	2.0			plier	ZGJ 1-2
weight kg/1000	0.730				

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