

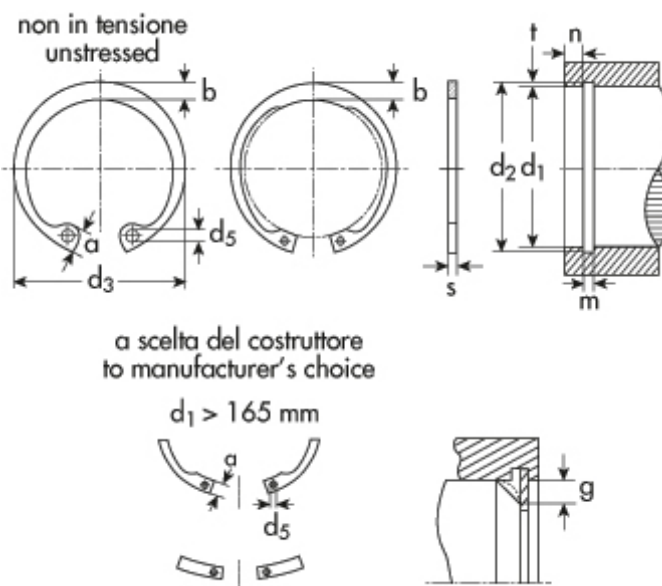
RETAINING RINGS

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
20.00	J 20	3,20	-	1000

RING		GROOVE		SUPPLEMENTARY DATA	
d ₁	20.00	d ₂	21.0	n	1.5
s	1.00	tole d ₂	0.13	FN (kN)	5.40
tole s	-0.06	m	1.10	FR (kN)	7.2
d ₃	21.5	t	0.50	g	1.0
tole d ₃	+0.42 -0.13			FRg (kN)	2.5
a max	4.2			AN (mm ²)	32.2
b ~	2.3			K (kN.mm)	16.9
d ₅ min	2.0			plier	ZGJ 1-2
weight kg/1000	0.900				

Technical informations are indicative and can be updated.

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