

RETAINING RINGS

Material: Spring steel

Hardness:

d₁= 16÷48mm: 470÷580 HV 47÷54 HRC

Hardness:

d₁= 50÷100mm: 435÷530 HV 44÷51 HRC

SURFACE FINISHES

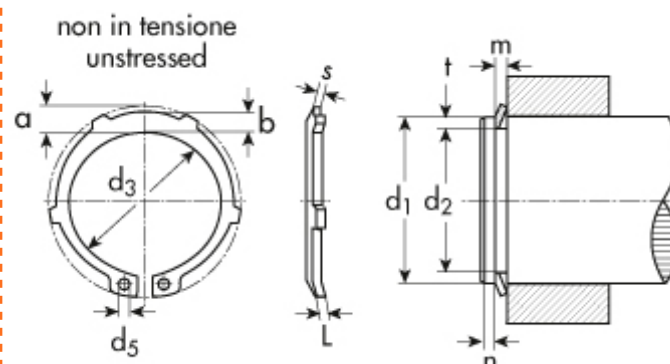
Phosphated and oiled

Blackened and oiled

Manufacturer's choice

Example of designation:

ring type **AL 30**



type **AL** for shafts



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

d1	Description	Price euro /100	% Price Change		Package
			1	2	
20.00	AL 20	22,00	-	-	1000

RING		GROOVE		SUPPLEMENTARY DATA	
d ₁	20.00	d ₂	19.0	n	1.5
s	1.20	tole d ₂	-0.15	FN (kN)	5.06
d ₃	18.5	m	1.30	FR (kN)	17.10
tole d ₃	+0.13 -0.42			g	1.5
a max	3.8			FRg (kN)	3.85
b ~	2.6			FL max (kN)	0.77
d ₅ min	2.0			L min	0.35
weight kg/1000	1.450			u	0.05
				C (kN/mm)	2.5800
				plier	ZGA 1-2

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