

RETAINING RINGS

Material: Spring steel

Hardness:

$d_1 = 16 \div 48 \text{ mm}$: 470÷580 HV 47÷54 HRC

Hardness:

$d_1 = 50 \div 100 \text{ mm}$: 435÷530 HV 44÷51 HRC

SURFACE FINISHES

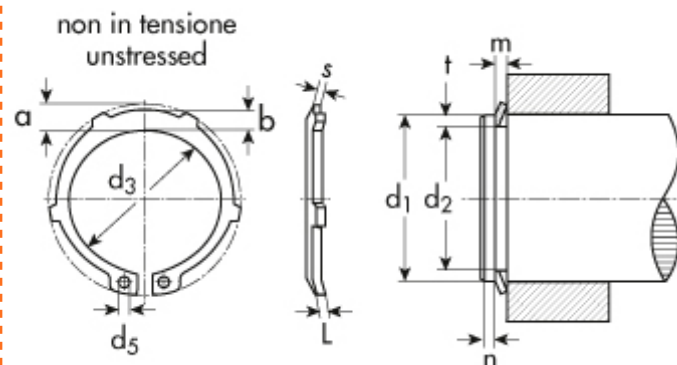
Phosphated and oiled

Blackened and oiled

Manufacturer's choice

Example of designation:

ring type **AL 30**



type **AL** for shafts



d_1 =shaft diameter
 d_2 =groove diameter
 d_3 =ring diameter in the unstressed state
 s =thickness

d1	Description	Price euro /100	% Price Change	Package
24.00	AL 24	4,00	1 NET	500

RING		GROOVE		SUPPLEMENTARY DATA	
d_1	24.00	d_2	22.9	n	1.6
s	1.20	tole d_2	-0.21	FN (kN)	6.75
d_3	22.2	m	1.30	FR (kN)	16.10
tole d_3	+0.21 -0.42			g	1.5
a max	4.2			FRg (kN)	3.65
b ~	3.0			FL max (kN)	0.70
d_5 min	2.0			L min	0.40
weight kg/1000	1.980			u	0.05
				C (kN/mm)	1.9900
				plier	ZGA 1-2

Technical informations are indicative and can be updated.

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