

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

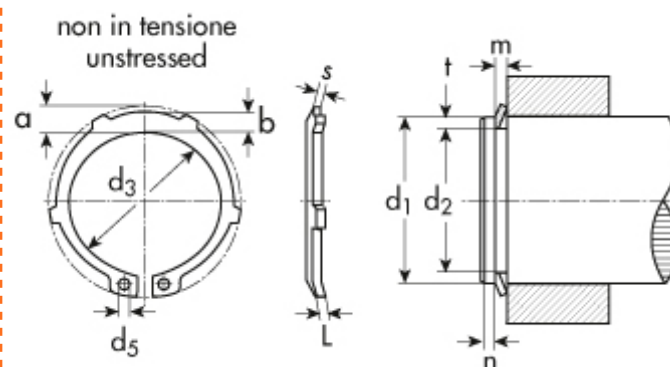
Phosphated and oiled

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

d_1	Description	Price euro /100	% Price Change		Package
			1	2	
30.00	AL 30	45,00	-	-	250

RING		GROOVE		SUPPLEMENTARY DATA	
d_1	30.00	d_2	28.6	n	2.1
s	1.50	tole d_2	-0.21	FN (kN)	10.70
d_3	27.9	m	1.60	FR (kN)	32.10
tole d_3	+0.21 -0.42			g	2.0
a max	4.7			FRg (kN)	7.65
b ~	3.4			FL max (kN)	0.90
d_5 min	2.0			L min	0.40
weight kg/1000	3.650			u	0.10
				C (kN/mm)	2.9700
				plier	ZGA 2

Technical informations are indicative and can be updated.

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