

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

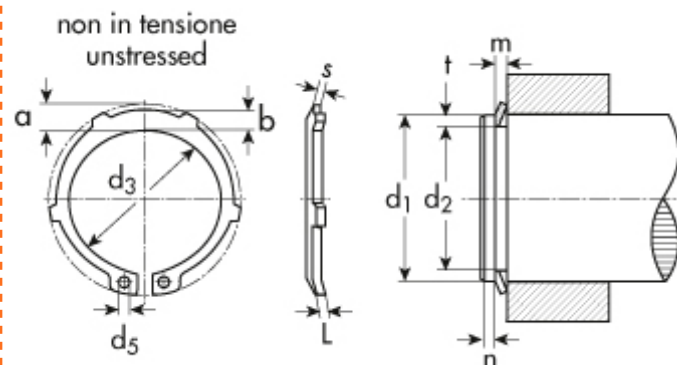
Phosphated and oiled

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
45.00	AL 45	15,00	1 NET	100

RING		GROOVE		SUPPLEMENTARY DATA	
d_1	45.00	d_2	42.5	n	3.8
s	1.75	tole d_2	-0.25	FN (kN)	28.60
d_3	41.5	m	1.85	FR (kN)	49.00
tole d_3	+0.39 -0.90			g	2.0
a max	7.2			FRg (kN)	9.35
b ~	4.6			FL max (kN)	0.92
d_5 min	2.5			L min	0.60
weight kg/1000	8.500			u	0.10
				C (kN/mm)	1.8600
				plier	ZGA 2-3

Technical informations are indicative and can be updated.

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