

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

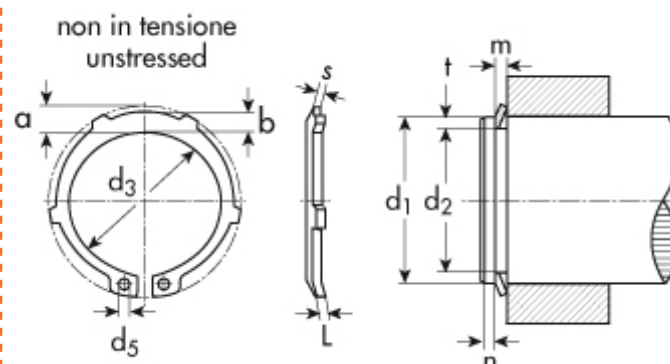
Phosphated and oiled

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
			1	2	
75.00	AL 75	260,00	-	-	50

RING		GROOVE		SUPPLEMENTARY DATA	
d_1	75.00	d_2	72.0	n	4.5
s	2.50	tole d_2	-0.30	FN (kN)	57.60
d_3	70.5	m	2.65	FR (kN)	130.00
tole d_3	+0.46 -1.10			g	3.0
a max	10.2			FRg (kN)	22.80
$b \sim$	7.0			FL max (kN)	1.88
d_5 min	3.0			L min	1.00
weight kg/1000	28.200			u	0.20
				C (kN/mm)	2.3400
				plier	ZGA 3

Technical informations are indicative and can be updated.

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