

## RETAINING RINGS

**Material:** Spring steel

**Hardness:**

d1: 10÷48mm 470÷580 HV 47÷54 HRC

**Hardness:**

d1: 50÷100mm 435÷530 HV 44÷51 HRC

**SURFACE FINISHES**

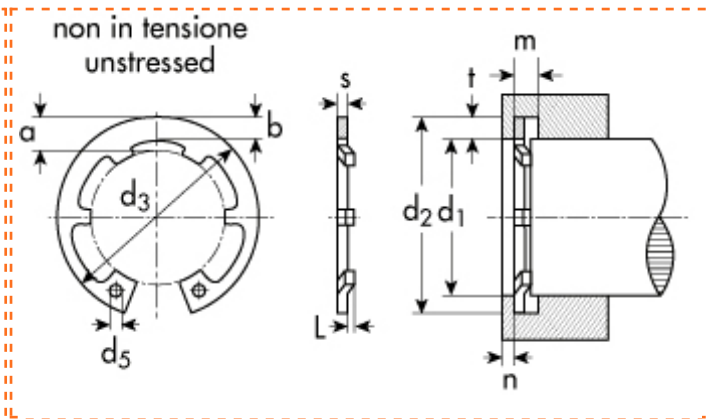
**Phosphated and oiled**

**Blackened and oiled**

Manufacturer's choice

**Example of designation:**

ring type JL 30



type JL - for bores



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

| d1    | Description | Price<br>euro /100 | % Price Change |   | Package |
|-------|-------------|--------------------|----------------|---|---------|
|       |             |                    | 1              | 2 |         |
| 50.00 | JL 50       | 120,00             | -              | - | 100     |

| RING    |             | GROOVE  |      | SUPPLEMENTARY DATA |         |
|---------|-------------|---------|------|--------------------|---------|
| d1      | 50.00       | d2      | 53.0 | n                  | 4.5     |
| s       | 2.00        | tole d2 | 0.30 | FN (kN)            | 40.5    |
| d3      | 54.2        | m       | 2.15 | FR (kN)            | 60.80   |
| tole d3 | +1.10 -0.46 |         |      | g                  | 2.0     |
| a max   | 8.2         |         |      | FRg (kN)           | 12.10   |
| b ~     | 4.7         |         |      | FL max (kN)        | 1.45    |
| d5 min  | 2.5         |         |      | L min              | 0.65    |
|         |             |         |      | u                  | 0.10    |
|         |             |         |      | C (kN/mm)          | 2.6400  |
|         |             |         |      | plier              | ZGJ 2-3 |

Technical informations are indicative and can be updated.

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