

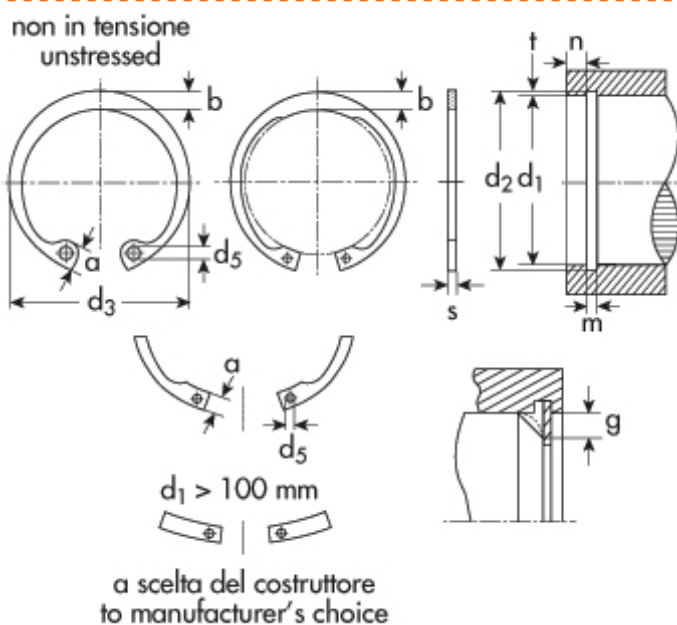
## RETAINING RINGS

**Material:** Spring steel

**Hardness:**

**SURFACE FINISHES**  
**Phosphated and oiled**  
**Blackened and oiled**  
 Manufacturer's choice

**Example of designation:**  
 ring type **JSM 30x1,5 IMPILATI**



DIN 472  
 UNI 7438  
 Type **JSM**  
 stacked



**d<sub>1</sub>**=shaft diameter  
**d<sub>2</sub>**=groove diameter  
**d<sub>3</sub>**=ring diameter in the unstressed state  
**s**=thickness

| d1    | Description                | Price<br>euro /100 | % Price Change<br>1 2 | Package |
|-------|----------------------------|--------------------|-----------------------|---------|
| 27.00 | <b>JSM 27x1,5 IMPILATI</b> | <b>4,00</b>        | <b>NET</b>            | -       |

| RING                      |             | GROOVE                    |      | SUPPLEMENTARY DATA         |       |
|---------------------------|-------------|---------------------------|------|----------------------------|-------|
| <b>d<sub>1</sub></b>      | 27.00       | <b>d<sub>2</sub></b>      | 28.4 | <b>n</b>                   | 2.1   |
| <b>s</b>                  | 1.50        | <b>tole d<sub>2</sub></b> | 0.21 | <b>FN (kN)</b>             | 10.1  |
| <b>tole s</b>             | -0.06       | <b>m</b>                  | 1.60 | <b>FR (kN)</b>             | 20.8  |
| <b>d<sub>3</sub></b>      | 29.1        | <b>t</b>                  | 0.70 | <b>g</b>                   | 1.0   |
| <b>tole d<sub>3</sub></b> | +0.50 -0.25 |                           |      | <b>FRg (kN)</b>            | 7.0   |
| <b>a max</b>              | 5.1         |                           |      | <b>AN (mm<sup>2</sup>)</b> | 60    |
| <b>b ~</b>                | 3.2         |                           |      | <b>B</b>                   | 1.56  |
| <b>d<sub>5</sub> min</b>  | 2.0         |                           |      | <b>plier</b>               | ZGJ 2 |
| <b>weight kg/1000</b>     | 2.400       |                           |      |                            |       |

Technical informations are indicative and can be updated.

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