

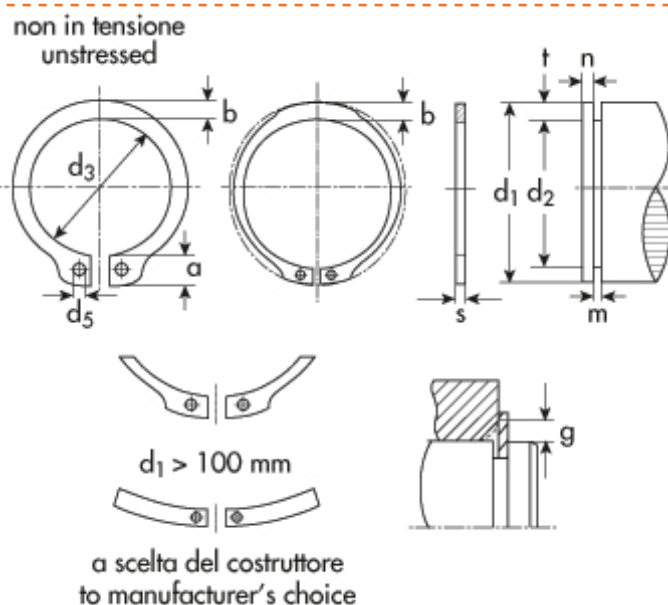
## RETAINING RINGS

**Material:** Spring steel

**Hardness:**

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

**Example of designation:**  
 ring type **AS 30x2**



DIN 471  
 UNI 7436  
 Type **AS** -  
 heavy-duty



**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 | Package |
|-------|-------------|--------------------|----------------|---------|
| 15.00 | AS 15x1,5   | 1,80               | NET            | 1000    |

| RING                |             | GROOVE              |       | SUPPLEMENTARY DATA                 |       |
|---------------------|-------------|---------------------|-------|------------------------------------|-------|
| d <sub>1</sub>      | 15.00       | d <sub>2</sub>      | 14.3  | n                                  | 1.1   |
| s                   | 1.50        | tole d <sub>2</sub> | -0.11 | FN (kN)                            | 2.66  |
| tole s              | -0.06       | m                   | 1.60  | FR (kN)                            | 15.50 |
| d <sub>3</sub>      | 13.8        | t                   | 0.35  | g                                  | 1.0   |
| tole d <sub>3</sub> | +0.10 -0.36 |                     |       | FRg (kN)                           | 6.40  |
| a max               | 4.8         |                     |       | AN (mm <sup>2</sup> )              | 18.3  |
| b ~                 | 2.4         |                     |       | B                                  | 2.25  |
| d <sub>5</sub> min  | 2.0         |                     |       | n <sub>abl</sub> .x1000 (giri/min) | 57    |
| weight kg/1000      | 1.200       |                     |       | plier                              | ZGA 1 |

Technical informations are indicative and can be updated.

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