

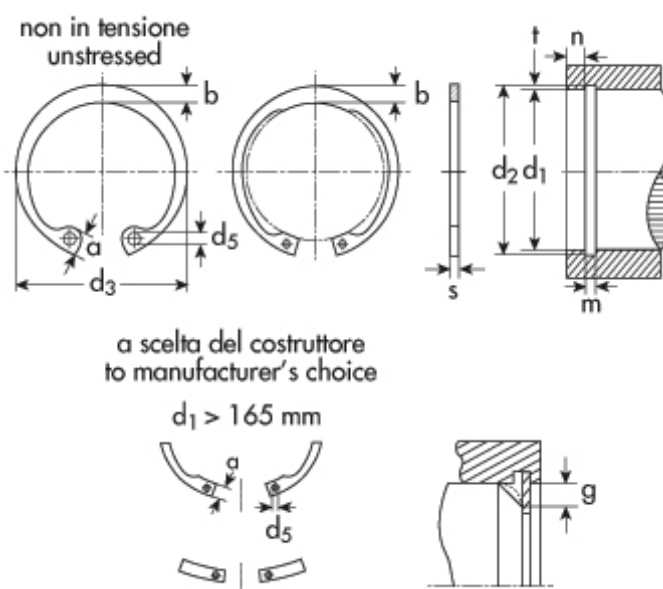
## RETAINING RINGS

**Material:** Spring steel

**Hardness:**

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

**Example of designation:**  
 ring type J 30



DIN 472  
 UNI 3654-7437  
 Type J - for  
 bores



d<sub>1</sub>=bore 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 |
|--------|-------------|--------------------|---------------------|---|---------|
| 460.00 | J 460       | 6.000,00           | NET                 | - | -       |

| RING                |             | GROOVE              |       | SUPPLEMENTARY DATA    |          |
|---------------------|-------------|---------------------|-------|-----------------------|----------|
| d <sub>1</sub>      | 460.00      | d <sub>2</sub>      | 472.0 | n                     | 18.0     |
| s                   | 7.00        | tole d <sub>2</sub> | 1.00  | FN (kN)               | 1,464.00 |
| tole s              | -0.15       | m                   | 7.20  | FR (kN)               | 1,360.0  |
| d <sub>3</sub>      | 480.0       | t                   | 6.00  | g                     | 6.0      |
| tole d <sub>3</sub> | +2.00 -1.00 |                     |       | FRg (kN)              | 135.0    |
| b ~                 | 26.0        |                     |       | AN (mm <sup>2</sup> ) | 8,784.0  |
| d <sub>5</sub> min  | 6.0         |                     |       | K (kN.mm)             | 3,116.0  |
| weight kg/1000      | 1.550.000   |                     |       |                       |          |

Technical informations are indicative and can be updated.

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