

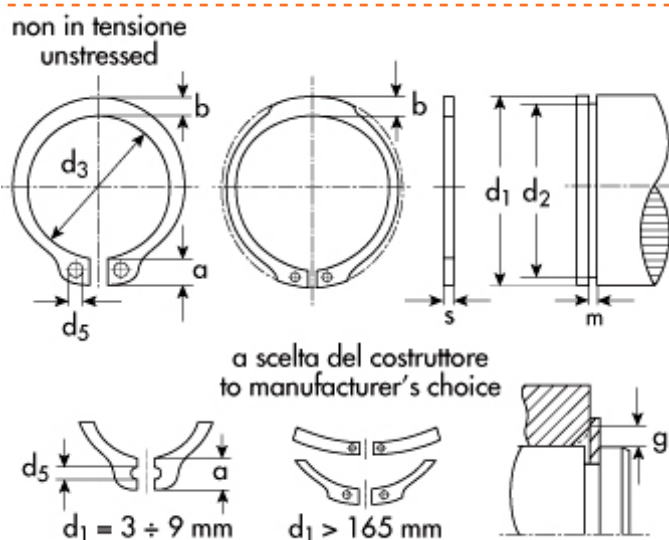
## RETAINING RINGS

**Material:** Spring steel

**Hardness:**

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

**Example of designation:**  
 ring type **A 25**



DIN 471  
 UNI 3653-7435  
 Type **A** - for  
 shafts



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

\* **AA**= two holes execution

| d1            | Description  | Price<br>euro /100 | % Price Change<br>1 | 2 | Package |
|---------------|--------------|--------------------|---------------------|---|---------|
| <b>165.00</b> | <b>A 165</b> | <b>120,00</b>      | <b>NET</b>          | - | 25      |

| RING                  |             | GROOVE         |       | SUPPLEMENTARY DATA           |         |
|-----------------------|-------------|----------------|-------|------------------------------|---------|
| <b>d1</b>             | 165.00      | <b>d2</b>      | 160.0 | <b>n</b>                     | 7.5     |
| <b>s</b>              | 4.00        | <b>tole d2</b> | -0.63 | <b>FN (kN)</b>               | 212.0   |
| <b>tole s</b>         | -0.10       | <b>m</b>       | 4.15  | <b>FR (kN)</b>               | 345.00  |
| <b>d3</b>             | 155.5       | <b>t</b>       | 2.50  | <b>g</b>                     | 5.0     |
| <b>tole d3</b>        | +0.63 -1.50 |                |       | <b>FRg (kN)</b>              | 41.40   |
| <b>a max</b>          | 13.5        |                |       | <b>AN (mm2)</b>              | 1,275.0 |
| <b>b ~</b>            | 12.5        |                |       | <b>K (kN.mm)</b>             | 797.00  |
| <b>d5 min</b>         | 4.0         |                |       | <b>nabl.x1000 (giri/min)</b> | 3.0     |
| <b>weight kg/1000</b> | 160.000     |                |       | <b>plier</b>                 | ZGA 5   |

Technical informations are indicative and can be updated.

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