

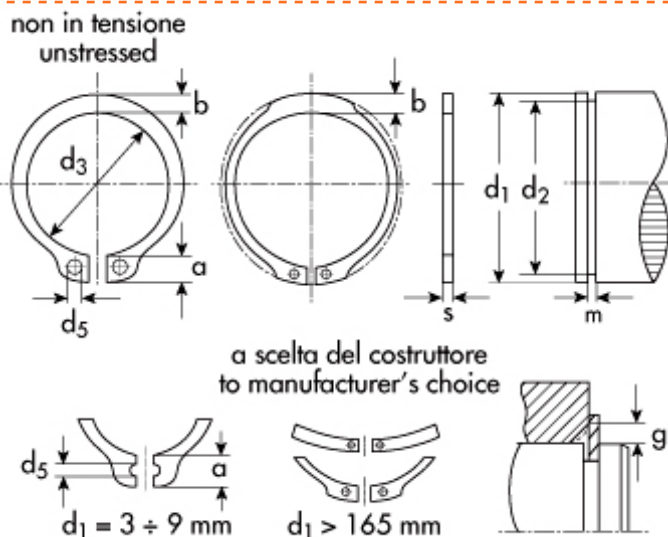
## RETAINING RINGS

**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



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

\* **AA**= two holes execution

| d1    | Description | Price<br>euro /100 | % Price Change<br>1 | 2 | Package |
|-------|-------------|--------------------|---------------------|---|---------|
| 16.00 | A 16        | 0,70               | NET                 | - | 1000    |

| RING           |             | GROOVE  |       | SUPPLEMENTARY DATA                 |       |
|----------------|-------------|---------|-------|------------------------------------|-------|
| d1             | 16.00       | d2      | 15.2  | n                                  | 1.2   |
| s              | 1.00        | tole d2 | -0.11 | FN (kN)                            | 3.2   |
| tole s         | -0.06       | m       | 1.10  | FR (kN)                            | 7.40  |
| d3             | 14.7        | t       | 0.40  | g                                  | 1.0   |
| tole d3        | +0.10 -0.36 |         |       | FRg (kN)                           | 2.40  |
| a max          | 3.7         |         |       | AN (mm2)                           | 19.6  |
| b ~            | 2.2         |         |       | K (kN.mm)                          | 21.00 |
| d5 min         | 1.7         |         |       | n <sub>abl</sub> .x1000 (giri/min) | 45.0  |
| weight kg/1000 | 0.700       |         |       | plier                              | ZGA 1 |

Technical informations are indicative and can be updated.

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