

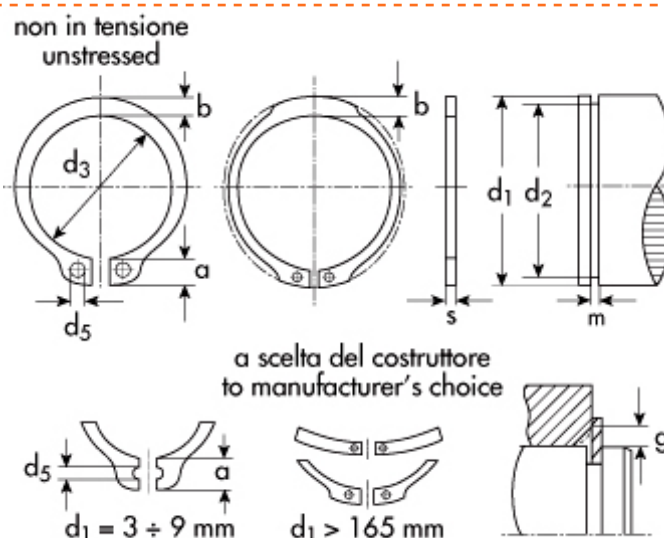
## RETAINING RINGS

**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 |   | Package |
|-------|-------------|--------------------|----------------|---|---------|
|       |             |                    | 1              | 2 |         |
| 78.00 | A 78        | 60,00              | -              | - | 50      |

| RING           |             | GROOVE  |       | SUPPLEMENTARY DATA                 |        |
|----------------|-------------|---------|-------|------------------------------------|--------|
| d1             | 78.00       | d2      | 75.0  | n                                  | 4.5    |
| s              | 2.50        | tole d2 | -0.30 | FN (kN)                            | 60.0   |
| tole s         | -0.07       | m       | 2.65  | FR (kN)                            | 131.00 |
| d3             | 73.5        | t       | 1.50  | g                                  | 3.0    |
| tole d3        | +0.46 -1.10 |         |       | FRg (kN)                           | 19.70  |
| a max          | 8.6         |         |       | AN (mm2)                           | 360.0  |
| b ~            | 7.3         |         |       | K (kN.mm)                          | 239.00 |
| d5 min         | 3.0         |         |       | n <sub>abl</sub> .x1000 (giri/min) | 5.0    |
| weight kg/1000 | 26.200      |         |       | plier                              | ZGA 3  |

Technical informations are indicative and can be updated.

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