

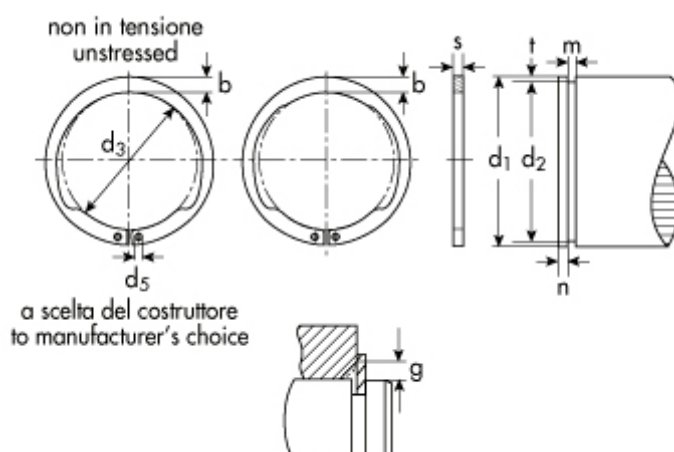
## RETAINING RINGS

**Material:** Spring steel

**Hardness:**

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

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



Concentric  
 Type **AV** - 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

| d1    | Description | Price<br>euro /100 | % Price Change | Package |
|-------|-------------|--------------------|----------------|---------|
| 45.00 | AV 45       | 80,00              | -              | 100     |

| RING                |             | GROOVE              |       | SUPPLEMENTARY DATA                 |       |
|---------------------|-------------|---------------------|-------|------------------------------------|-------|
| d <sub>1</sub>      | 45.00       | d <sub>2</sub>      | 42.5  | n                                  | 3.8   |
| s                   | 1.75        | tole d <sub>2</sub> | -0.25 | FN (kN)                            | 14.30 |
| tole s              | -0.06       | m                   | 1.85  | FR (kN)                            | 41.5  |
| d <sub>3</sub>      | 41.50       | t                   | 1.25  | g                                  | 2.0   |
| tole d <sub>3</sub> | +0.39 -0.90 |                     |       | FRg (kN)                           | 7.8   |
| b ~                 | 4.7         |                     |       | AN (mm <sup>2</sup> )              | 86.0  |
| tole b              | +0.2 -0.2   |                     |       | K (kN.mm)                          | 75.0  |
| d <sub>5</sub> min  | 2.0         |                     |       | n <sub>abl</sub> .x1000 (giri/min) | 11    |
| weight kg/1000      | 7.800       |                     |       | plier                              | ZGA 2 |

Technical informations are indicative and can be updated.

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