

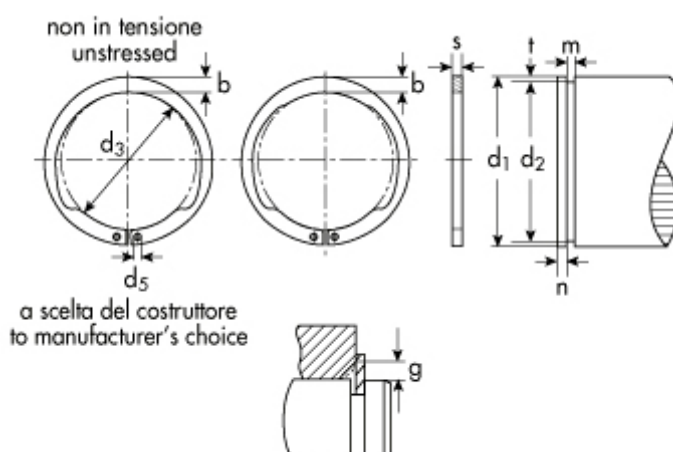
## RETAINING RINGS

**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 |
|-------|-------------|--------------------|----------------|---------|
| 18.00 | AV 18       | 2,50               | 1<br>NET       | 2<br>-  |
|       |             |                    |                | 1000    |

| RING                |             | GROOVE              |       | SUPPLEMENTARY DATA                 |         |
|---------------------|-------------|---------------------|-------|------------------------------------|---------|
| d <sub>1</sub>      | 18.00       | d <sub>2</sub>      | 17.0  | n                                  | 1.5     |
| s                   | 1.20        | tole d <sub>2</sub> | -0.11 | FN (kN)                            | 2.07    |
| tole s              | -0.06       | m                   | 1.30  | FR (kN)                            | 14.8    |
| d <sub>3</sub>      | 16.50       | t                   | 0.50  | g                                  | 1.5     |
| tole d <sub>3</sub> | +0.10 -0.36 |                     |       | FRg (kN)                           | 3.2     |
| b ~                 | 2.6         |                     |       | AN (mm <sup>2</sup> )              | 12.4    |
| tole b              | +0.1 -0.1   |                     |       | K (kN.mm)                          | 32.6    |
| d <sub>5</sub> min  | 1.5         |                     |       | n <sub>abl</sub> .x1000 (giri/min) | 39      |
| weight kg/1000      | 1.140       |                     |       | plier                              | ZGA 0-1 |

Technical informations are indicative and can be updated.

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**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy  
 Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution  
 of fasteners, fixing elements  
 and mechanical parts  
 machining

**GANDINI FASTENERS SRL**  
 viale Pier Paolo Pasolini, 83  
 Sesto San Giovanni Mi - Italy

**Sales department**  
 250@gandini.it  
 tel +39 02 241 047 250

**Administration**  
 350@gandini.it  
 tel +39 02 241 047 350