

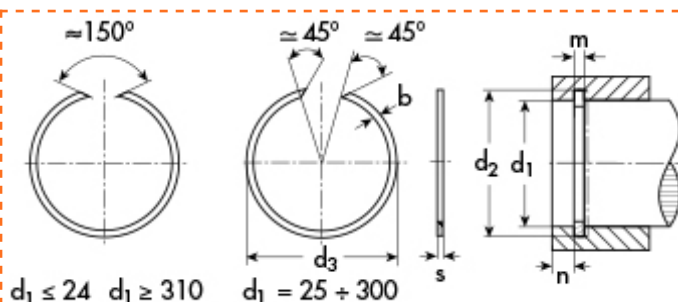
## RETAINING RINGS

**Material:** Spring steel

**Hardness:**  
minumun 40 HRC

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

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



DIN 9928  
circlips type  
**SB** - for bores



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

| d1     | Description | Price<br>euro /100 | % Price Change |   | Package |
|--------|-------------|--------------------|----------------|---|---------|
|        |             |                    | 1              | 2 |         |
| 190.00 | SB 190      | 250,00             | -              | - | 25      |

| RING           |        | GROOVE              |       | SUPPLEMENTARY DATA |         |
|----------------|--------|---------------------|-------|--------------------|---------|
| d <sub>1</sub> | 190.00 | d <sub>2</sub>      | 193.0 | FN (kN)            | 150.00  |
| s              | 3.0    | tole d <sub>2</sub> | 0.29  | FR (kN)            | 62.8000 |
| tole s         | -0.1   | m                   | 3.2   |                    |         |
| d <sub>3</sub> | 194.9  |                     |       |                    |         |
| b ~            | 5.00   |                     |       |                    |         |
| tole b         | -0.1   |                     |       |                    |         |
| weight kg/1000 | 61.300 |                     |       |                    |         |

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