

## RETAINING RINGS

**Material:**  
Spring steel

**Hardness:**  
minimun 40 HRC

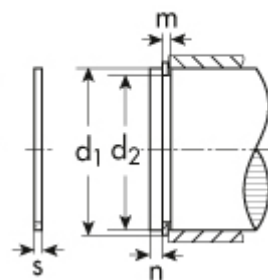
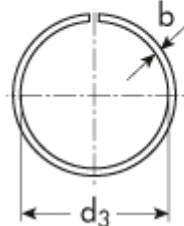
**SURFACE FINISHES**  
**Phosphated and oiled**  
**Blackened and oiled**  
Manufacturer's choice

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

non in tensione  
unstressed

$d_1 \leq 38 \text{ mm}$

$d_1 \geq 40 \text{ mm}$



DIN 9927  
circlips type  
**SW** - for shafts



$d_1$ =shaft diameter  
 $d_2$ =groove diameter  
 $d_3$ =inner diameter in the unstressed state  
 $s$ =thickness

| d1   | Description | Price<br>euro /100 | % Price Change | Package |
|------|-------------|--------------------|----------------|---------|
| 7.00 | <b>SW 7</b> | <b>4,60</b>        | -              | 2000    |

| RING                  |       | GROOVE                       |       | SUPPLEMENTARY DATA                                 |         |
|-----------------------|-------|------------------------------|-------|----------------------------------------------------|---------|
| $d_1$                 | 7.00  | $d_2$                        | 6.7   | <b>FN (kN)</b>                                     | 0.54    |
| $s$                   | 0.7   | <b>tole <math>d_2</math></b> | -0.09 | <b>FR (kN)</b>                                     | 3.50    |
| $d_3$                 | 6.5   | $m$                          | 0.8   | <b><math>n_{abl} \times 1000</math> (giri/min)</b> | 134.000 |
| $b \sim$              | 1.20  |                              |       | <b>plier</b>                                       | ZGS 0   |
| <b>weight kg/1000</b> | 0.120 |                              |       |                                                    |         |

Technical informations are indicative and can be updated.

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