

## RETAINING RINGS

**Material:**  
Spring steel

**Hardness:**  
minimun 40 HRC

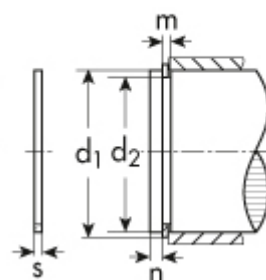
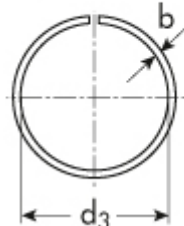
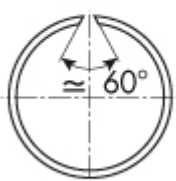
**SURFACE FINISHES**  
**Phosphated and oiled**  
**Blackened and oiled**  
Manufacturer's choice

**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<br>1 | 2 | Package |
|--------|-------------|--------------------|---------------------|---|---------|
| 280.00 | SW 280      | 1.800,00           | -                   | - | 25      |

| RING           |         | GROOVE     |       | SUPPLEMENTARY DATA               |        |
|----------------|---------|------------|-------|----------------------------------|--------|
| $d_1$          | 280.00  | $d_2$      | 275.0 | FN (kN)                          | 362.00 |
| s              | 4.0     | tole $d_2$ | -0.32 | FR (kN)                          | 155.00 |
| $d_3$          | 272.2   | m          | 4.2   | $n_{abl} \cdot x1000$ (giri/min) | 0.400  |
| b ~            | 7.50    |            |       |                                  |        |
| weight kg/1000 | 198.700 |            |       |                                  |        |

Technical informations are indicative and can be updated.

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