

## RETAINING RINGS

**Material:** Spring steel

**Hardness:**  
46÷54 HRC 460÷580 HV

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

**Example of designation:**  
ring type **RA 4**



DIN 6799 type **RA**  
**RA** - for shafts



**d<sub>1</sub>**=shaft diameter  
**d<sub>2</sub>**=groove diameter  
**d<sub>4</sub>**=external diameter in the unstressed state  
**s**=thickness

| d <sub>2</sub> | Description | Price<br>euro /100 | % Price Change | Package |
|----------------|-------------|--------------------|----------------|---------|
| 2.3            | RA 2,3      | 0,14               | 1<br>NET       | 2<br>-  |
|                |             |                    |                | 5000    |

| RING                     | GROOVE                     | SUPPLEMENTARY DATA                    |
|--------------------------|----------------------------|---------------------------------------|
| d <sub>1</sub> 3.0 ÷ 4.0 | d <sub>2</sub> 2.3         | n 1.0                                 |
| s 0.60                   | tole d <sub>2</sub> -0.060 | FN (kN) 0.15                          |
| tole s +0.02 -0.02       | m 0.64                     | FR (kN) 0.50                          |
| a 1.94                   |                            | g 0.9                                 |
| d <sub>4</sub> 5.90      |                            | FRg (kN) 0.24                         |
| weight kg/1000 0.069     |                            | d <sub>42</sub> 6.0                   |
|                          |                            | n <sub>abl</sub> .x1000 (giri/min) 38 |
|                          |                            | plier GRA 2.3                         |

Technical informations are indicative and can be updated.

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