

## 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 |
|----------------|-------------|--------------------|----------------|---------|
| 1.2            | RA 1,2      | 0,50               | -              | 10000   |

| RING           |             | GROOVE              |        | SUPPLEMENTARY DATA                 |         |
|----------------|-------------|---------------------|--------|------------------------------------|---------|
| d <sub>1</sub> | 1.4 ÷ 2.0   | d <sub>2</sub>      | 1.2    | n                                  | 0.6     |
| s              | 0.30        | tole d <sub>2</sub> | -0.060 | FN (kN)                            | 0.04    |
| tole s         | +0.02 -0.02 | m                   | 0.34   | FR (kN)                            | 0.12    |
| a              | 1.01        |                     |        | g                                  | 0.4     |
| d <sub>4</sub> | 2.90        |                     |        | FRg (kN)                           | 0.06    |
| weight kg/1000 | 0.009       |                     |        | d <sub>42</sub>                    | 3.0     |
|                |             |                     |        | n <sub>abl</sub> .x1000 (giri/min) | 47      |
|                |             |                     |        | plier                              | GRA 1.2 |

Technical informations are indicative and can be updated.

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