

**SMALLEY® SPIRAL RETAINING RINGS**

**Stainless steel**  
**AISI 302**

surface treatment:  
**Steam degreasing**  
**Ultrasonic cleaning**

**Example of designation:**  
**DNS-13-S02**



**d1**=shaft diameter  
**d2**=groove diameter  
**d3**=internal ring diameter  
**S**=thickness

Medium-heavy  
duty series  
**DNS - for shafts**  
**for groove DIN**  
**471**



| description       | Price<br>Euro x100 | % Price Change |        | Package |
|-------------------|--------------------|----------------|--------|---------|
| <b>DNS-75-S02</b> | <b>1.100,00</b>    | 1<br>+ 20%     | 2<br>- | 100     |

| DESCRIPTION                         | GROOVE          | THRUST CAPACITY                                                                                                            |
|-------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| DNS-75-S02                          | <b>d2</b>       | <b>ring shear</b> Newtons 156.605<br>(safety factor =3)                                                                    |
| <b>d1 mm</b> 75.00                  | mm 72.00        |                                                                                                                            |
|                                     | <b>Toll. d2</b> | <b>groove yield</b> Newtons 54.828<br>(based on a groove material yield<br>strength of 310/mm and a safety factor<br>of 2) |
|                                     | mm -0,300       |                                                                                                                            |
|                                     | <b>c</b>        |                                                                                                                            |
|                                     | mm 2.65         |                                                                                                                            |
|                                     | <b>Toll. c</b>  |                                                                                                                            |
|                                     | mm +0,140       |                                                                                                                            |
| <b>RING IN THE UNSTRESSED STATE</b> |                 |                                                                                                                            |
| <b>d3</b>                           |                 |                                                                                                                            |
| mm 71.33                            |                 |                                                                                                                            |
| <b>Toll. d3</b>                     |                 |                                                                                                                            |
| mm -0,76                            |                 |                                                                                                                            |
| <b>b</b>                            |                 |                                                                                                                            |
| mm 5.08                             |                 |                                                                                                                            |
| <b>Toll. b</b>                      |                 |                                                                                                                            |
| mm +/-0,12                          |                 |                                                                                                                            |
| <b>s</b>                            |                 |                                                                                                                            |
| mm 2.41                             |                 |                                                                                                                            |
| <b>Toll. s</b>                      |                 |                                                                                                                            |
| mm +/-0,08                          |                 |                                                                                                                            |
| <b>Weight Kg/1000</b>               |                 |                                                                                                                            |
| 23.05                               |                 |                                                                                                                            |

Technical informations are indicative and can be updated.

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