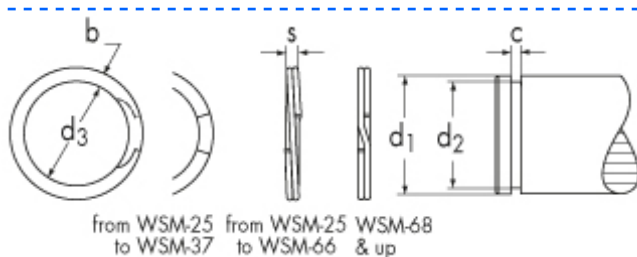


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1070-90 Carbon Steel**

surface treatment:  
**Oil dipped**
**Example of designation: WSM-25**

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

Heavy duty  
series  
**WSM - for shafts**  
(in inches)


| description    | Price<br>Euro x100 | % Price Change |   | Package |
|----------------|--------------------|----------------|---|---------|
|                |                    | 1              | 2 |         |
| <b>WSM-306</b> | <b>260,00</b>      | + 20%          | - | 100     |

| DESCRIPTION                                          | GROOVE                                       | THRUST CAPACITY                                                                |
|------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------|
| WSM-306                                              | <b>d2</b> inch. 2.898<br>mm 73.61            | <b>ring shear</b> Newtons 159.194<br>L.B.S. 35,790                             |
| <b>d1 mm</b> 77.77                                   | <b>Toll. d2</b> inch. +/-0,006<br>mm +/-0,15 | (safety factor =3)                                                             |
| <b>d1 inch</b> 3.062                                 | <b>c</b> inch. 0.103<br>mm 2.62              | <b>groove yield</b> Newtons 78.952<br>L.B.S. 17,750                            |
| <b>RING IN THE UNSTRESSED STATE</b>                  | <b>Toll. c</b> inch. +0,005<br>mm +0,130     | (based on a groove material yield strength of 310/mm and a safety factor of 2) |
| <b>d3</b> inch. 2.878<br>mm 73.10                    |                                              |                                                                                |
| <b>Toll. d3</b> inch. -0,03<br>mm -0,76              |                                              |                                                                                |
| <b>b</b> inch. 0.225<br>mm 5.72                      |                                              |                                                                                |
| <b>Toll. b</b> inch. +0,004/-0,006<br>mm +0,10/-0,15 |                                              |                                                                                |
| <b>s</b> inch. 0.093<br>mm 2.36                      |                                              |                                                                                |
| <b>Toll. s</b> inch. +/-0,003<br>mm +/-0,08          |                                              |                                                                                |
| <b>Weight Kg/1000</b> 24.68                          |                                              |                                                                                |

Technical informations are indicative and can be updated.

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