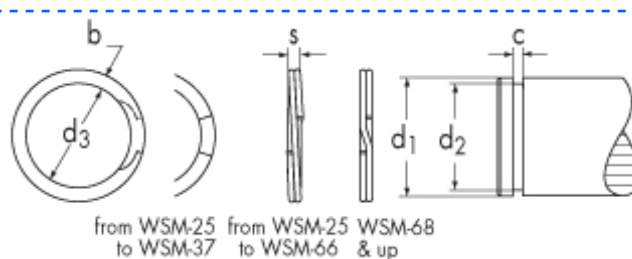


# SMALLEY® SPIRAL RETAINING RINGS

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 |         |
| WSM-137     | 61,00              | + 20%          | - | 250     |

| DESCRIPTION                                 | GROOVE                               | THRUST CAPACITY                                                                                                               |
|---------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| WSM-137                                     | d2 inch. 1.291<br>mm 32.79           | ring shear Newtons 40.343<br>L.B.S. 9,070<br>(safety factor =3)                                                               |
| d1 mm 34.93                                 | Toll. d2 inch. +/-0,004<br>mm +/-0,1 | groove yield Newtons 18.148<br>L.B.S. 4,080<br>(based on a groove material yield strength of 310/mm and a safety factor of 2) |
| d1 inch 1.375                               | c inch. 0.056<br>mm 1.42             |                                                                                                                               |
|                                             | Toll. c inch. +0,004<br>mm +0,100    |                                                                                                                               |
| RING IN THE UNSTRESSED STATE                |                                      |                                                                                                                               |
| d3 inch. 1.277<br>mm 32.44                  |                                      |                                                                                                                               |
| Toll. d3 inch. -0,013<br>mm -0,33           |                                      |                                                                                                                               |
| b inch. 0.118<br>mm 3.00                    |                                      |                                                                                                                               |
| Toll. b inch. +0,003/-0,005<br>mm +008/-013 |                                      |                                                                                                                               |
| s inch. 0.050<br>mm 1.27                    |                                      |                                                                                                                               |
| Toll. s inch. +/-0,002<br>mm +/-0,05        |                                      |                                                                                                                               |
| Weight Kg/1000 3.04                         |                                      |                                                                                                                               |

Technical informations are indicative and can be updated.

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