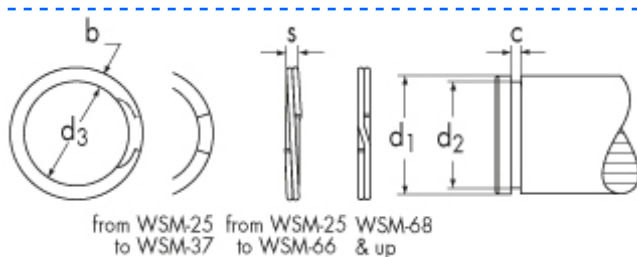


## SMALLEY® SPIRAL RETAINING RINGS

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 |
|-------------|--------------------|----------------|---------|
| WSM-1175    | 9.300,00           | + 20%          | 25      |

| DESCRIPTION                                   | GROOVE                                | THRUST CAPACITY                                                                                                                  |
|-----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| WSM-1175                                      | d2 inch. 11.250<br>mm 285.75          | ring shear Newtons 1.228.182<br>L.B.S. 276,120<br>(safety factor =3)                                                             |
| d1 mm 298.45<br>d1 inch 11.750                | Toll. d2 inch. +/-0,010<br>mm +/-0,25 | groove yield Newtons 923.583<br>L.B.S. 207,640<br>(based on a groove material yield strength of 310/mm and a safety factor of 2) |
| RING IN THE UNSTRESSED STATE                  | c inch. 0.209<br>mm 5.31              |                                                                                                                                  |
| d3 inch. 11.171<br>mm 283.74                  | Toll. c inch. +0,008<br>mm +0,200     |                                                                                                                                  |
| Toll. d3 inch. -0,09<br>mm -2,29              |                                       |                                                                                                                                  |
| b inch. 0.562<br>mm 14.27                     |                                       |                                                                                                                                  |
| Toll. b inch. +0,005/-0,010<br>mm +0,13/-0,25 |                                       |                                                                                                                                  |
| s inch. 0.187<br>mm 4.75                      |                                       |                                                                                                                                  |
| Toll. s inch. +/-0,005<br>mm +/-0,13          |                                       |                                                                                                                                  |
| Weight Kg/1000 480.13                         |                                       |                                                                                                                                  |

Technical informations are indicative and can be updated.

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