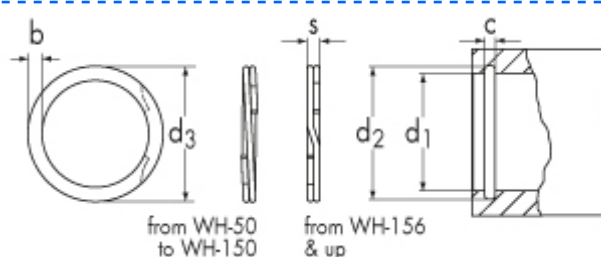


# SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:  
Oil dipped

Example of designation: WH-50



d1=shaft diameter  
d2=groove diameter  
d3=external ring diameter  
S=thickness

Medium duty series  
WH - for bores  
(in inches)



| description | Price<br>Euro x100 | % Price Change |   | Package |
|-------------|--------------------|----------------|---|---------|
|             |                    | 1              | 2 |         |
| WH-103      | 22,00              | + 20%          | - | 500     |

| DESCRIPTION                                   | GROOVE                                | THRUST CAPACITY                                                                                                              |
|-----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| WH-103                                        | d2 inch. 1.074<br>mm 27.28            | ring shear Newtons 24.508<br>L.B.S. 5,510<br>(safety factor =3)                                                              |
| d1 mm 26.19                                   | Toll. d2 inch. +/-0,003<br>mm +/-0,08 | groove yield Newtons 6.805<br>L.B.S. 1,530<br>(based on a groove material yield strength of 310/mm and a safety factor of 2) |
| d1 inch 1.031                                 | c inch. 0.042<br>mm 1.07              |                                                                                                                              |
| RING IN THE UNSTRESSED STATE                  |                                       |                                                                                                                              |
| d3 inch. 1.084<br>mm 27.53                    | Toll. c inch. +0,003<br>mm +0,080     |                                                                                                                              |
| Toll. d3 inch. +0,013<br>mm +0,33             |                                       |                                                                                                                              |
| b inch. 0.075<br>mm 1.91                      |                                       |                                                                                                                              |
| Toll. b inch. +0,003/-0,005<br>mm +0,08/-0,13 |                                       |                                                                                                                              |
| s inch. 0.037<br>mm 0.94                      |                                       |                                                                                                                              |
| Toll. s inch. +/-0,002<br>mm +/-0,05          |                                       |                                                                                                                              |
| Weight Kg/1000 1.08                           |                                       |                                                                                                                              |

Technical informations are indicative and can be updated.

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