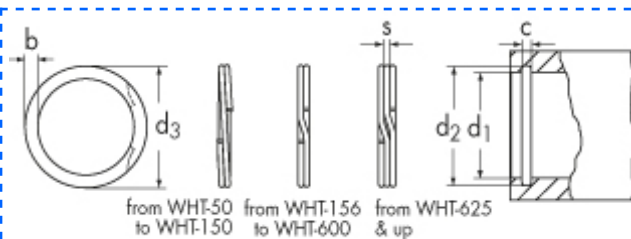


# SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90 Carbon Steel

surface treatment:  
Oil dipped

Example of designation: WHT-50



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

Medium-heavy  
duty series  
WHT - for bores  
(in inches)



| description | Price<br>Euro x100 | % Price Change | Package |
|-------------|--------------------|----------------|---------|
| WHT-237     | 130,00             | + 20%          | 100     |

| DESCRIPTION                  | GROOVE         | THRUST CAPACITY                        |
|------------------------------|----------------|----------------------------------------|
| WHT-237                      | d2             | ring shear                             |
| d1 mm 60.33                  | inch. 2.505    | Newton's 108.709                       |
| d1 inch 2.375                | mm 63.63       | L.B.S. 24,440                          |
|                              | Toll. d2       | (safety factor =3)                     |
|                              | inch. +/-0,006 | groove yield                           |
|                              | mm +/-0,15     | Newton's 48.528                        |
|                              | c              | L.B.S. 10,910                          |
|                              | inch. 0.086    | (based on a groove material yield      |
|                              | mm 2.18        | strength of 310/mm and a safety factor |
|                              | Toll. c        | of 2)                                  |
|                              | inch. +0,005   |                                        |
|                              | mm +0,130      |                                        |
| RING IN THE UNSTRESSED STATE |                |                                        |
| d3                           | inch. 2.522    |                                        |
|                              | mm 64.06       |                                        |
| Toll. d3                     | inch. +0,025   |                                        |
|                              | mm +0,64       |                                        |
| b                            | inch. 0.188    |                                        |
|                              | mm 4.78        |                                        |
| Toll. b                      | inch. +/-0,005 |                                        |
|                              | mm +/-0,13     |                                        |
| s                            | inch. 0.078    |                                        |
|                              | mm 1.98        |                                        |
| Toll. s                      | inch. +/-0,003 |                                        |
|                              | mm +/-0,08     |                                        |
| Weight Kg/1000               | 13.27          |                                        |

Technical informations are indicative and can be updated.

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