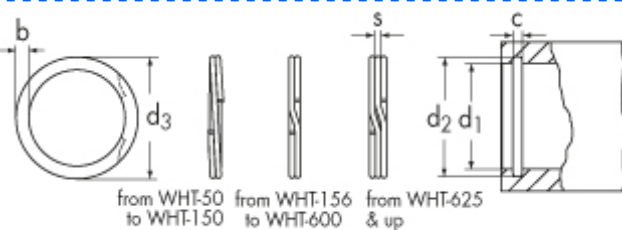


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1070-90 Carbon Steel**

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 |
|----------------|--------------------|----------------|--------|---------|
| <b>WHT-185</b> | <b>55,00</b>       | 1<br>+ 20%     | 2<br>- | 100     |

| DESCRIPTION                                 | GROOVE                                       | THRUST CAPACITY                                                                      |
|---------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------|
| WHT-185                                     | <b>d2</b> inch. 1.949<br>mm 49.50            | <b>ring shear</b> Newtons 67.298<br>L.B.S. 15,130                                    |
| <b>d1 mm</b> 46.99                          | <b>Toll. d2</b> inch. +/-0,005<br>mm +/-0,13 | (safety factor =3)                                                                   |
| <b>d1 inch</b> 1.850                        | <b>c</b> inch. 0.068<br>mm 1.73              | <b>groove yield</b> Newtons 29.090<br>L.B.S. 6,540                                   |
| <b>RING IN THE UNSTRESSED STATE</b>         | <b>Toll. c</b> inch. +0,004<br>mm +0,100     | (based on a groove material yield<br>strength of 310/mm and a safety factor<br>of 2) |
| <b>d3</b> inch. 1.963<br>mm 49.86           |                                              |                                                                                      |
| <b>Toll. d3</b> inch. +0,020<br>mm +0,51    |                                              |                                                                                      |
| <b>b</b> inch. 0.123<br>mm 3.12             |                                              |                                                                                      |
| <b>Toll. b</b> inch. +/-0,004<br>mm +/-0,1  |                                              |                                                                                      |
| <b>s</b> inch. 0.062<br>mm 1.57             |                                              |                                                                                      |
| <b>Toll. s</b> inch. +/-0,003<br>mm +/-0,08 |                                              |                                                                                      |
| <b>Weight Kg/1000</b> 5.44                  |                                              |                                                                                      |

Technical informations are indicative and can be updated.

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