

**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1060-75 Carbon Steel**

surface treatment:  
**Oil dipped**
**Example of designation: FHE-0050**

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

Heavy duty  
series  
**FHE - for bores**  
(in inches)


| description     | Price<br>Euro x100 | % Price Change |   | Package |
|-----------------|--------------------|----------------|---|---------|
|                 |                    | 1              | 2 |         |
| <b>FHE-0162</b> | <b>98,00</b>       | + 20%          | - | 250     |

| DESCRIPTION                                 | GROOVE                                    | THRUST CAPACITY                                                                |
|---------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------|
| FHE-0162                                    | <b>d2</b> inch. 1.729<br>mm 43.92         | <b>ring shear</b> Newtons 57.384<br>L.B.S. 12,901                              |
| <b>d1 mm</b> 41.28                          | <b>Toll. d2</b> inch. +0,010<br>mm +0,250 | (safety factor =3)                                                             |
| <b>d1 inch</b> 1.625                        | <b>c</b> inch. 0.073<br>mm 1.85           | <b>groove yield</b> Newtons 26.568<br>L.B.S. 5,973                             |
|                                             | <b>Toll. c</b> inch. +0,006<br>mm +0,150  | (based on a groove material yield strength of 310/mm and a safety factor of 2) |
| RING IN THE UNSTRESSED STATE                |                                           |                                                                                |
| <b>d3</b> inch. 1.746<br>mm 44.35           |                                           |                                                                                |
| <b>Toll. d3</b> inch. +0,020<br>mm +0,51    |                                           |                                                                                |
| <b>b</b> inch. 0.158<br>mm 4.01             |                                           |                                                                                |
| <b>Toll. b</b> inch. +/-0,004<br>mm +/-0,10 |                                           |                                                                                |
| <b>s</b> inch. 0.067<br>mm 1.70             |                                           |                                                                                |
| <b>Toll. s</b> inch. +/-0,002<br>mm +/-0,05 |                                           |                                                                                |
| <b>Weight Kg/1000</b> 5.85                  |                                           |                                                                                |

Technical informations are indicative and can be updated.

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