

**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-0050</b> | <b>27,00</b>       | + 20%          | - | 1000    |

| DESCRIPTION                                 | GROOVE                                    | THRUST CAPACITY                                                                      |
|---------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|
| FHE-0050                                    | <b>d2</b> inch. 0.524<br>mm 13.31         | <b>ring shear</b> Newtons 10.342<br>L.B.S. 2,325                                     |
| <b>d1 mm</b> 12.70                          | <b>Toll. d2</b> inch. +0,004<br>mm +0,100 | (safety factor =3)                                                                   |
| <b>d1 inch</b> 0.500                        | <b>c</b> inch. 0.043<br>mm 1.09           | <b>groove yield</b> Newtons 1.886<br>L.B.S. 424                                      |
|                                             | <b>Toll. c</b> inch. +0,006<br>mm +0,150  | (based on a groove material yield<br>strength of 310/mm and a safety factor<br>of 2) |
| RING IN THE UNSTRESSED STATE                |                                           |                                                                                      |
| <b>d3</b> inch. 0.529<br>mm 13.44           |                                           |                                                                                      |
| <b>Toll. d3</b> inch. +0,013<br>mm +0,33    |                                           |                                                                                      |
| <b>b</b> inch. 0.055<br>mm 1.40             |                                           |                                                                                      |
| <b>Toll. b</b> inch. +/-0,004<br>mm +/-0,10 |                                           |                                                                                      |
| <b>s</b> inch. 0.037<br>mm 0.94             |                                           |                                                                                      |
| <b>Toll. s</b> inch. +/-0,002<br>mm +/-0,05 |                                           |                                                                                      |
| <b>Weight Kg/1000</b> 0.31                  |                                           |                                                                                      |

Technical informations are indicative and can be updated.

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**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy  
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution  
of fasteners, fixing elements  
and mechanical parts  
machining

**GANDINI FASTENERS SRL**  
viale Pier Paolo Pasolini, 83  
Sesto San Giovanni Mi - Italy

**Sales department**  
250@gandini.it  
tel +39 02 241 047 250

**Administration**  
350@gandini.it  
tel +39 02 241 047 350