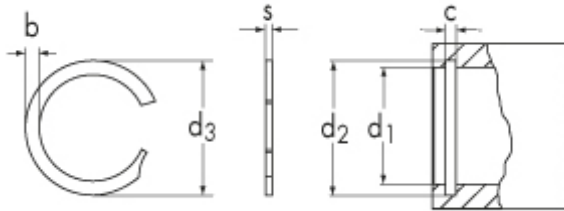


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1060-75 Carbon Steel**

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-0287</b> | <b>240,00</b>      | + 20%          | - | 100     |

| DESCRIPTION                                 | GROOVE                                    | THRUST CAPACITY                                                                |
|---------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------|
| FHE-0287                                    | <b>d2</b> inch. 2.993<br>mm 76.02         | <b>ring shear</b> Newtons 130.900<br>L.B.S. 29,429                             |
| <b>d1 mm</b> 73.03                          | <b>Toll. d2</b> inch. +0,012<br>mm +0,300 | (safety factor =3)                                                             |
| <b>d1 inch</b> 2.875                        | <b>c</b> inch. 0.104<br>mm 2.64           | <b>groove yield</b> Newtons 53.332<br>L.B.S. 11,990                            |
|                                             | <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. 3.022<br>mm 76.76           |                                           |                                                                                |
| <b>Toll. d3</b> inch. +0,030<br>mm +0,76    |                                           |                                                                                |
| <b>b</b> inch. 0.200<br>mm 5.08             |                                           |                                                                                |
| <b>Toll. b</b> inch. +/-0,005<br>mm +/-0,13 |                                           |                                                                                |
| <b>s</b> inch. 0.095<br>mm 2.41             |                                           |                                                                                |
| <b>Toll. s</b> inch. +/-0,003<br>mm +/-0,08 |                                           |                                                                                |
| <b>Weight Kg/1000</b> 19.04                 |                                           |                                                                                |

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