

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

surface treatment:  
**Oil dipped**
**Example of designation: HS-37**

**d1**=shaft diameter  
**d2**=groove diameter  
**d3**=internal ring diameter  
**s**=thickness

**HS - for shafts  
(in inches)**


| description   | Price<br>Euro x100 | % Price Change |   | Package |
|---------------|--------------------|----------------|---|---------|
|               |                    | 1              | 2 |         |
| <b>HS-143</b> | <b>70,00</b>       | + 20%          | - | 100     |

| DESCRIPTION                                 | GROOVE                                        | THRUST CAPACITY                                                                      |
|---------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------|
| HS-143                                      | <b>d2</b> inch. 1.403<br>mm 35.64             | <b>groove yield</b> Newtons 7.682<br>L.B.S. 1,727                                    |
| <b>d1 mm</b> 36.50                          | <b>Toll. d2</b> inch. +/-0,004<br>mm +/- 0,10 | (based on a groove material yield<br>strength of 310/mm and a safety factor<br>of 2) |
| <b>d1 inch</b> 1.437                        | <b>c</b> inch. 0.155<br>mm 3.94               |                                                                                      |
| <b>RING IN THE UNSTRESSED STATE</b>         | <b>Toll. c</b> inch. +0,004<br>mm +0,100      |                                                                                      |
| <b>d3</b> inch. 1.374<br>mm 34.90           |                                               |                                                                                      |
| <b>Toll. d3</b> inch. -0,02<br>mm -0,51     |                                               |                                                                                      |
| <b>b</b> inch. 0.034<br>mm 0.86             |                                               |                                                                                      |
| <b>Toll. b</b> inch. +/-0,002<br>mm +/-0,05 |                                               |                                                                                      |
| <b>s</b> inch. 0.150<br>mm 3.81             |                                               |                                                                                      |
| <b>Toll. s</b> inch. +/-0,004<br>mm +/-0,10 |                                               |                                                                                      |
| <b>Weight Kg/1000</b> 2.88                  |                                               |                                                                                      |

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. All rights reserved. No part of this web site may be reproduced in any form without express permission.

**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