

## 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 |         |
| HS-125      | 60,00              | + 20%          | - | 250     |

| DESCRIPTION                          | GROOVE                                 | THRUST CAPACITY                                                                      |
|--------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| HS-125                               | d2 inch. 1.220<br>mm 30.99             | groove yield Newtons 5.894<br>L.B.S. 1,325                                           |
| d1 mm 31.75                          | Toll. d2 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) |
| d1 inch 1.250                        | c inch. 0.123<br>mm 3.12               |                                                                                      |
|                                      | Toll. c inch. +0,004<br>mm +0,100      |                                                                                      |
| RING IN THE UNSTRESSED STATE         |                                        |                                                                                      |
| d3 inch. 1.195<br>mm 30.35           |                                        |                                                                                      |
| Toll. d3 inch. -0,02<br>mm -0,51     |                                        |                                                                                      |
| b inch. 0.030<br>mm 0.76             |                                        |                                                                                      |
| Toll. b inch. +/-0,002<br>mm +/-0,05 |                                        |                                                                                      |
| s inch. 0.118<br>mm 3.00             |                                        |                                                                                      |
| Toll. s inch. +/-0,004<br>mm +/-0,10 |                                        |                                                                                      |
| Weight Kg/1000 1.74                  |                                        |                                                                                      |

Technical informations are indicative and can be updated.

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