

## 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 |
|-------------|--------------------|----------------|--------|---------|
| HS-68       | 47,00              | 1<br>+ 20%     | 2<br>- | 500     |

| DESCRIPTION                              | GROOVE                                    | THRUST CAPACITY                                                                |
|------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------|
| HS-68                                    | d2<br>inch. 0.667<br>mm 16.94             | groove yield<br>Newtons 2.273<br>L.B.S. 511                                    |
| d1 mm 17.48                              | Toll. d2<br>inch. +/-0,002<br>mm +/- 0,05 | (based on a groove material yield strength of 310/mm and a safety factor of 2) |
| d1 inch 0.688                            | c<br>inch. 0.070<br>mm 1.78               |                                                                                |
|                                          | Toll. c<br>inch. +0,003<br>mm +0,080      |                                                                                |
| RING IN THE UNSTRESSED STATE             |                                           |                                                                                |
| d3<br>inch. 0.653<br>mm 16.59            |                                           |                                                                                |
| Toll. d3<br>inch. -0,015<br>mm -0,38     |                                           |                                                                                |
| b<br>inch. 0.021<br>mm 0.53              |                                           |                                                                                |
| Toll. b<br>inch. +/-0,0015<br>mm +/-0,04 |                                           |                                                                                |
| s<br>inch. 0.065<br>mm 1.65              |                                           |                                                                                |
| Toll. s<br>inch. +/-0,004<br>mm +/-0,10  |                                           |                                                                                |
| Weight Kg/1000 0.37                      |                                           |                                                                                |

Technical informations are indicative and can be updated.

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