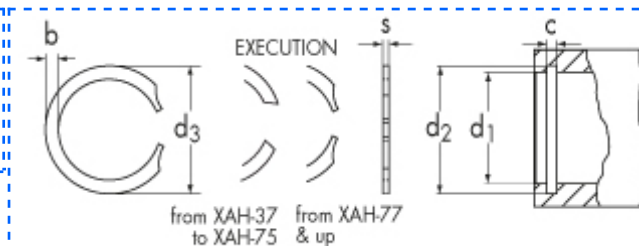


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1070-90 Carbon Steel**

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

Medium duty  
series  
**XAH - for bores  
(in inches)**

**d1**=shaft diameter  
**d2**=groove diameter  
**d3**=external ring diameter  
**S**=thickness

| description    | Price<br>Euro x100 | % Price Change |   | Package |
|----------------|--------------------|----------------|---|---------|
|                |                    | 1              | 2 |         |
| <b>XAH-187</b> | <b>100,00</b>      | + 20%          | - | 100     |

| DESCRIPTION                  |                              | GROOVE                       |  | THRUST CAPACITY                                                                      |  |
|------------------------------|------------------------------|------------------------------|--|--------------------------------------------------------------------------------------|--|
| XAH-187                      |                              | <b>d2</b>                    |  | <b>ring shear</b>                                                                    |  |
| <b>d1 mm</b>                 | 47.63                        | inch. 1.971<br>mm 50.06      |  | Newtons 58.742<br>L.B.S. 13,206                                                      |  |
| <b>d1 inch</b>               | 1.875                        | <b>Toll. d2</b>              |  | (safety factor =3)                                                                   |  |
|                              |                              | inch. +/-0,005<br>mm +/-0,13 |  | <b>groove yield</b>                                                                  |  |
|                              |                              | <b>c</b>                     |  | Newtons 28.297<br>L.B.S. 6,362                                                       |  |
|                              |                              | inch. 0.068<br>mm 1.73       |  | (based on a groove material yield<br>strength of 310/mm and a safety factor<br>of 2) |  |
|                              |                              | <b>Toll. c</b>               |  |                                                                                      |  |
|                              |                              | inch. +0,004<br>mm +0,100    |  |                                                                                      |  |
| RING IN THE UNSTRESSED STATE |                              |                              |  |                                                                                      |  |
| <b>d3</b>                    | inch. 2.000<br>mm 50.80      |                              |  |                                                                                      |  |
| <b>Toll. d3</b>              | inch. +0,046<br>mm +1,17     |                              |  |                                                                                      |  |
| <b>b</b>                     | inch. 0.156<br>mm 3.96       |                              |  |                                                                                      |  |
| <b>Toll. b</b>               | inch. +/-0,005<br>mm +/-0,13 |                              |  |                                                                                      |  |
| <b>s</b>                     | inch. 0.062<br>mm 1.57       |                              |  |                                                                                      |  |
| <b>Toll. s</b>               | inch. +/-0,002<br>mm +/-0,05 |                              |  |                                                                                      |  |
| <b>Weight Kg/1000</b>        | 7.29                         |                              |  |                                                                                      |  |

Technical informations are indicative and can be updated.

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machining

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