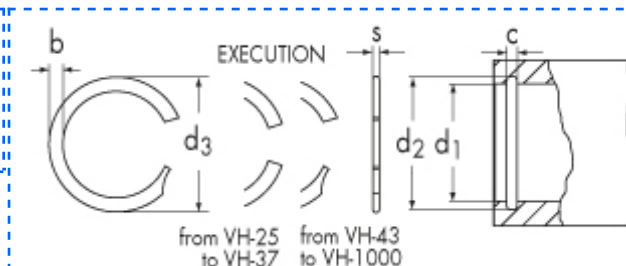


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1070-90 Carbon Steel**

surface treatment:  
Oil dipped

**Example of designation: VH-25**

Light duty series  
**VH - 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>VH-162</b> | <b>29,00</b>       | + 20%          | - | 250     |

| DESCRIPTION                  |                              | GROOVE                       |  | THRUST CAPACITY                                                                |  |
|------------------------------|------------------------------|------------------------------|--|--------------------------------------------------------------------------------|--|
| VH-162                       |                              | <b>d2</b>                    |  | <b>ring shear</b>                                                              |  |
| <b>d1 mm</b>                 | 41.28                        | inch. 1.682<br>mm 42.72      |  | Newtons 29.579<br>L.B.S. 6,650                                                 |  |
| <b>d1 inch</b>               | 1.625                        | <b>Toll. d2</b>              |  | (safety factor =3)                                                             |  |
|                              |                              | inch. +/-0,005<br>mm +/-0,13 |  | <b>groove yield</b>                                                            |  |
|                              |                              | <b>c</b>                     |  | Newtons 14.812<br>L.B.S. 3,330                                                 |  |
|                              |                              | inch. 0.039<br>mm 0.99       |  | (based on a groove material yield strength of 310/mm and a safety factor of 2) |  |
|                              |                              | <b>Toll. c</b>               |  |                                                                                |  |
|                              |                              | inch. +0,003<br>mm +0,080    |  |                                                                                |  |
| RING IN THE UNSTRESSED STATE |                              |                              |  |                                                                                |  |
| <b>d3</b>                    | inch. 1.701<br>mm 43.21      |                              |  |                                                                                |  |
| <b>Toll. d3</b>              | inch. +0,020<br>mm +0,51     |                              |  |                                                                                |  |
| <b>b</b>                     | inch. 0.118<br>mm 3.00       |                              |  |                                                                                |  |
| <b>Toll. b</b>               | inch. +/-0,004<br>mm +/-0,1  |                              |  |                                                                                |  |
| <b>s</b>                     | inch. 0.031<br>mm 0.79       |                              |  |                                                                                |  |
| <b>Toll. s</b>               | inch. +/-0,002<br>mm +/-0,05 |                              |  |                                                                                |  |
| <b>Weight Kg/1000</b>        | 2.16                         |                              |  |                                                                                |  |

Technical informations are indicative and can be updated.

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machining

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