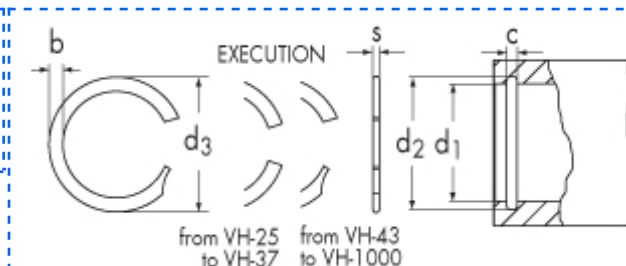


## SMALLEY® SPIRAL RETAINING RINGS

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 |         |
| VH-131      | 18,80              | + 20%          | - | 500     |

| DESCRIPTION                  | GROOVE          | THRUST CAPACITY                        |
|------------------------------|-----------------|----------------------------------------|
| VH-131                       | d2              | ring shear                             |
| d1 mm                        | inch. 1.356     | Newtons 19.260                         |
| d1 inch                      | mm 34.44        | L.B.S. 4,330                           |
|                              | Toll. d2        | (safety factor =3)                     |
|                              | inch. +/-0,004  | groove yield                           |
|                              | mm +/-0,1       | Newtons 9.074                          |
|                              | c               | L.B.S. 2,040                           |
|                              | inch. 0.031     | (based on a groove material yield      |
|                              | mm 0.79         | strength of 310/mm and a safety factor |
|                              | Toll. c         | of 2)                                  |
|                              | inch. +0,002    |                                        |
|                              | mm +0,050       |                                        |
| RING IN THE UNSTRESSED STATE |                 |                                        |
| d3                           | inch. 1.369     |                                        |
|                              | mm 34.77        |                                        |
| Toll. d3                     | inch. +0,015    |                                        |
|                              | mm +0,38        |                                        |
| b                            | inch. 0.088     |                                        |
|                              | mm 2.24         |                                        |
| Toll. b                      | inch. +/-0,004  |                                        |
|                              | mm +/-0,1       |                                        |
| s                            | inch. 0.025     |                                        |
|                              | mm 0.64         |                                        |
| Toll. s                      | inch. +/-0,0015 |                                        |
|                              | mm +/-0,04      |                                        |
| Weight Kg/1000               | 1.05            |                                        |

Technical informations are indicative and can be updated.

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