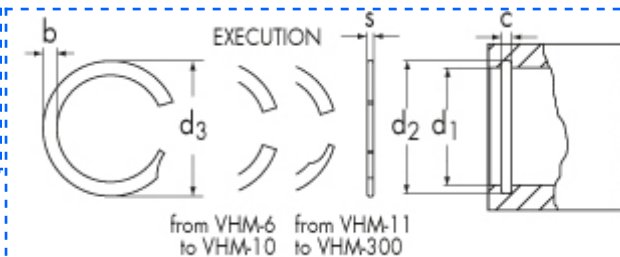


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1070-90 Carbon Steel**

surface treatment:  
**Oil dipped**
**Example of designation: VHM-6**

**Light duty series  
VHM - for bores**

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

| description   | Price<br>Euro x100 | % Price Change |   | Package |
|---------------|--------------------|----------------|---|---------|
|               |                    | 1              | 2 |         |
| <b>VHM-78</b> | <b>58,00</b>       | + 20%          | - | 100     |

| DESCRIPTION                         | GROOVE          | THRUST CAPACITY                                                                                                      |
|-------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------|
| VHM-78                              | <b>d2</b>       | <b>ring shear</b> Newtons 70.250<br>(safety factor =3)                                                               |
| <b>d1 mm</b> 78.00                  | mm 80.34        |                                                                                                                      |
|                                     | <b>Toll. d2</b> | <b>groove yield</b> Newtons 44.477<br>(based on a groove material yield strength of 310/mm and a safety factor of 2) |
|                                     | mm +/-0,15      |                                                                                                                      |
| <b>RING IN THE UNSTRESSED STATE</b> | <b>c</b>        |                                                                                                                      |
| <b>d3</b>                           | mm 1.12         |                                                                                                                      |
| mm 81.20                            | <b>Toll. c</b>  |                                                                                                                      |
| <b>Toll. d3</b>                     | mm +0,080       |                                                                                                                      |
| mm +0,76                            |                 |                                                                                                                      |
| <b>b</b>                            |                 |                                                                                                                      |
| mm 4.78                             |                 |                                                                                                                      |
| <b>Toll. b</b>                      |                 |                                                                                                                      |
| mm +/-0,13                          |                 |                                                                                                                      |
| <b>s</b>                            |                 |                                                                                                                      |
| mm 0.99                             |                 |                                                                                                                      |
| <b>Toll. s</b>                      |                 |                                                                                                                      |
| mm +/-0,05                          |                 |                                                                                                                      |
| <b>Weight Kg/1000</b>               |                 |                                                                                                                      |
| 8.91                                |                 |                                                                                                                      |

Technical informations are indicative and can be updated.

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