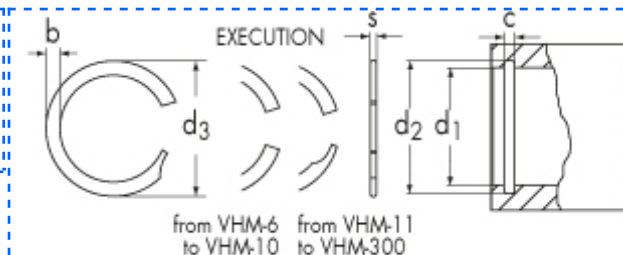


## SMALLEY® SPIRAL RETAINING RINGS

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 |
|-------------|--------------------|----------------|--------|---------|
| VHM-65      | 47,00              | 1<br>+ 20%     | 2<br>- | 100     |

| DESCRIPTION                  | GROOVE     | THRUST CAPACITY                                                                                               |
|------------------------------|------------|---------------------------------------------------------------------------------------------------------------|
| VHM-65                       | d2         | ring shear Newtons 46.715<br>(safety factor =3)                                                               |
| d1 mm 65.00                  | mm 66.94   |                                                                                                               |
|                              | Toll. d2   | groove yield Newtons 30.728<br>(based on a groove material yield strength of 310/mm and a safety factor of 2) |
|                              | mm +/-0,15 |                                                                                                               |
|                              | c          |                                                                                                               |
|                              | mm 0.99    |                                                                                                               |
|                              | Toll. c    |                                                                                                               |
|                              | mm +0,080  |                                                                                                               |
| RING IN THE UNSTRESSED STATE |            |                                                                                                               |
| d3                           |            |                                                                                                               |
| mm 67.70                     |            |                                                                                                               |
| Toll. d3                     |            |                                                                                                               |
| mm +0,64                     |            |                                                                                                               |
| b                            |            |                                                                                                               |
| mm 4.01                      |            |                                                                                                               |
| Toll. b                      |            |                                                                                                               |
| mm +/-0,10                   |            |                                                                                                               |
| s                            |            |                                                                                                               |
| mm 0.79                      |            |                                                                                                               |
| Toll. s                      |            |                                                                                                               |
| mm +/-0,05                   |            |                                                                                                               |
| Weight Kg/1000               |            |                                                                                                               |
| 4.97                         |            |                                                                                                               |

Technical informations are indicative and can be updated.

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