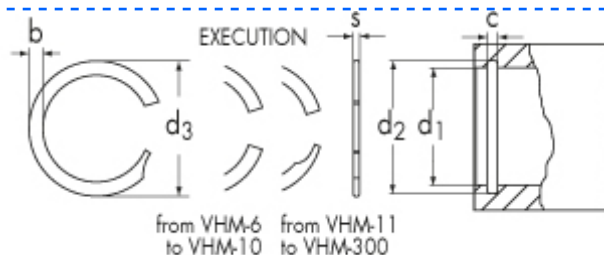


## SMALLEY® SPIRAL RETAINING RINGS

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 |         |
| VHM-32      | 18,00              | + 20%          | - | 500     |

| DESCRIPTION                  | GROOVE     | THRUST CAPACITY                                                                                              |
|------------------------------|------------|--------------------------------------------------------------------------------------------------------------|
| VHM-32                       | d2         | ring shear Newtons 18.632<br>(safety factor =3)                                                              |
| d1 mm 32.00                  | mm 33.12   |                                                                                                              |
|                              | Toll. d2   | groove yield Newtons 8.734<br>(based on a groove material yield strength of 310/mm and a safety factor of 2) |
|                              | mm +/-0,10 |                                                                                                              |
|                              | c          |                                                                                                              |
|                              | mm 0.79    |                                                                                                              |
|                              | Toll. c    |                                                                                                              |
|                              | mm +0,050  |                                                                                                              |
| RING IN THE UNSTRESSED STATE |            |                                                                                                              |
| d3                           |            |                                                                                                              |
| mm 33.44                     |            |                                                                                                              |
| Toll. d3                     |            |                                                                                                              |
| mm +0,38                     |            |                                                                                                              |
| b                            |            |                                                                                                              |
| mm 2.24                      |            |                                                                                                              |
| Toll. b                      |            |                                                                                                              |
| mm +/-0,10                   |            |                                                                                                              |
| s                            |            |                                                                                                              |
| mm 0.64                      |            |                                                                                                              |
| Toll. s                      |            |                                                                                                              |
| mm +/-0,04                   |            |                                                                                                              |
| Weight Kg/1000               |            |                                                                                                              |
| 1.10                         |            |                                                                                                              |

Technical informations are indicative and can be updated.

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