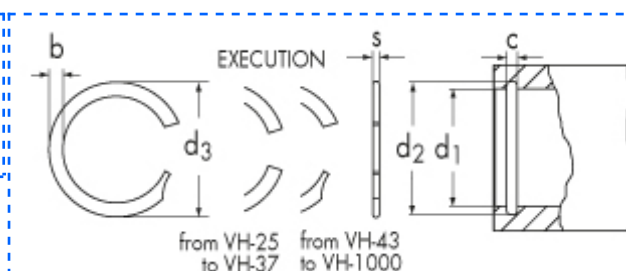


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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 Euro x100	% Price Change		Package
		1	2	
VH-168	30,00	+ 20%	-	250

DESCRIPTION	
VH-168	
d1 mm	42.85
d1 inch	1.687

RING IN THE UNSTRESSED STATE	
d3	inch. 1.763 mm 44.78
Toll. d3	inch. +0,020 mm +0,51
b	inch. 0.118 mm 3.00
Toll. b	inch. +/-0,004 mm +/-0,1
s	inch. 0.031 mm 0.79
Toll. s	inch. +/-0,002 mm +/-0,05
Weight Kg/1000	2.24

GROOVE	
d2	inch. 1.744 mm 44.30
Toll. d2	inch. +/-0,005 mm +/-0,13
c	inch. 0.039 mm 0.99
Toll. c	inch. +0,003 mm +0,080

THRUST CAPACITY	
ring shear	Newtons 30.691 L.B.S. 6,900
(safety factor =3)	
groove yield	Newtons 15.390 L.B.S. 3,460
(based on a groove material yield strength of 310/mm and a safety factor of 2)	

Technical informations are indicative and can be updated.

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