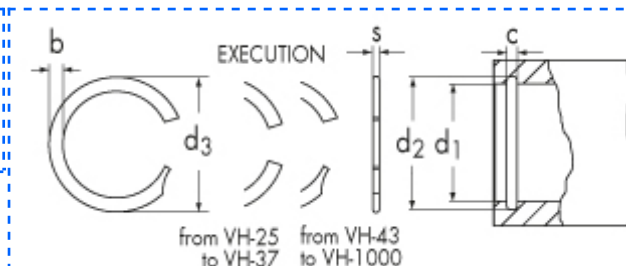


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-181	35,00	+ 20%	-	250

DESCRIPTION	
VH-181	
d1 mm	46.02
d1 inch	1.812

RING IN THE UNSTRESSED STATE	
d3	inch. 1.890 mm 48.01
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	2.42

GROOVE	
d2	inch. 1.869 mm 47.47
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 32.960 L.B.S. 7,410 (safety factor =3)
groove yield	Newtons 16.502 L.B.S. 3,710 (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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