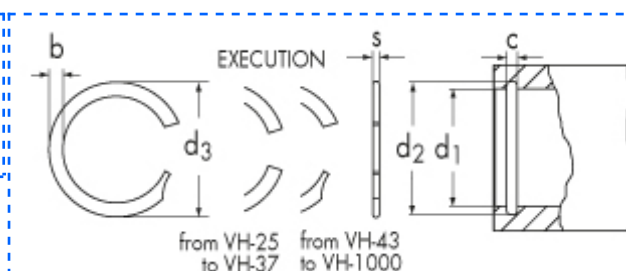


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-100	15,60	+ 20%	-	500

DESCRIPTION	
VH-100	
d1 mm	25.40
d1 inch	1.000

RING IN THE UNSTRESSED STATE	
d3	inch. 1.052 mm 26.72
Toll. d3	inch. +0,013 mm +0,33
b	inch. 0.065 mm 1.65
Toll. b	inch. +/-0,004 mm +/-0,1
s	inch. 0.021 mm 0.53
Toll. s	inch. +/-0,0015 mm +/-0,04
Weight Kg/1000	0.50

GROOVE	
d2	inch. 1.042 mm 26.47
Toll. d2	inch. +/-0,003 mm +/-0,08
c	inch. 0.026 mm 0.66
Toll. c	inch. +0,002 mm +0,050

THRUST CAPACITY	
ring shear	Newtons 13.522 L.B.S. 3,040
(safety factor =3)	
groove yield	Newtons 6.583 L.B.S. 1,480
(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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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350