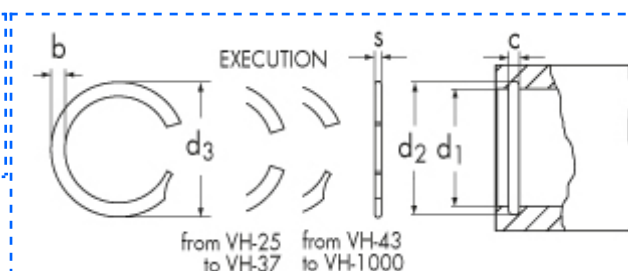


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-331	64,00	+ 20%	-	50

DESCRIPTION	GROOVE	THRUST CAPACITY
VH-331	d2 inch. 3.404 mm 86.46	ring shear Newtons 75.794 L.B.S. 17,040
d1 mm 84.12	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 3.312	c inch. 0.044 mm 1.12	groove yield Newtons 47.905 L.B.S. 10,770
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 3.440 mm 87.38	Toll. c inch. +0,003 mm +0,080	
Toll. d3 inch. +0,030 mm +0,76		
b inch. 0.188 mm 4.78		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.039 mm 0.99		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 8.90		

Technical informations are indicative and can be updated.

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