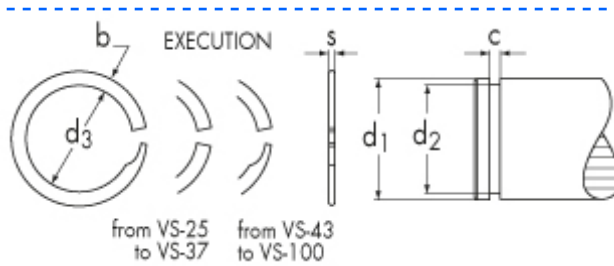


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: VS-25

**Light duty series
VS - for shafts
(in inches)**

d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
S=thickness

description	Price Euro x100	% Price Change		Package
		1	2	
VS-68	14,80	+ 20%	-	1000

DESCRIPTION	
VS-68	
d1 mm	17.45
d1 inch	0.687

RING IN THE UNSTRESSED STATE	
d3	inch. 0.652 mm 16.56
Toll. d3	inch. -0,013 mm -0,33
b	inch. 0.045 mm 1.14
Toll. b	inch. +/-0,004 mm +/-0,10
s	inch. 0.018 mm 0.46
Toll. s	inch. +/-0,0015 mm +/-0,04
Weight Kg/1000	0.18

GROOVE	
d2	inch. 0.659 mm 16.74
Toll. d2	inch. +/-0,002 mm +/-0,05
c	inch. 0.022 mm 0.56
Toll. c	inch. +0,002 mm +0,050

THRUST CAPACITY	
ring shear	Newtons 7.962 L.B.S. 1,790
(safety factor =3)	
groove yield	Newtons 3.025 L.B.S. 680
(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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