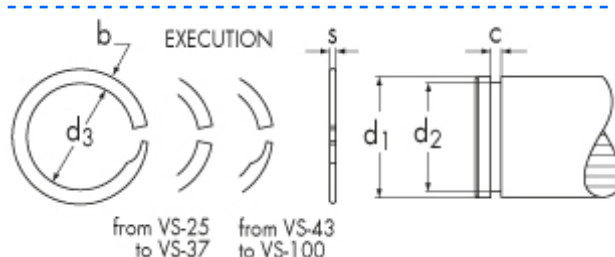


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-100	16,40	+ 20%	-	500

DESCRIPTION		GROOVE		THRUST CAPACITY	
VS-100		d2		ring shear	
d1 mm	25.40	inch. 0.958 mm 24.33		Newtons 13.522 L.B.S. 3,040	
d1 inch	1.000	Toll. d2		(safety factor =3)	
		inch. +/-0,003 mm +/-0,08		groove yield	
		c		Newtons 6.583 L.B.S. 1,480	
		inch. 0.026 mm 0.66		(based on a groove material yield strength of 310/mm and a safety factor of 2)	
		Toll. c			
		inch. +0,002 mm +0,050			
RING IN THE UNSTRESSED STATE					
d3	inch. 0.949 mm 24.10				
Toll. d3	inch. -0,013 mm -0,33				
b	inch. 0.065 mm 1.65				
Toll. b	inch. +/-0,004 mm +/-0,10				
s	inch. 0.021 mm 0.53				
Toll. s	inch. +/-0,0015 mm +/-0,04				
Weight Kg/1000	0.50				

Technical informations are indicative and can be updated.

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