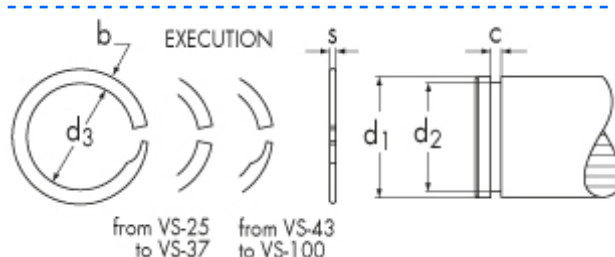


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-112	16,80	+ 20%	-	500

DESCRIPTION		GROOVE		THRUST CAPACITY	
VS-112		d2		ring shear	
d1 mm	28.58	inch. 1.081 mm 27.46		Newtons 16.502 L.B.S. 3,710	
d1 inch	1.125	Toll. d2		(safety factor =3)	
		inch. +/-0,004 mm +/-0,1		groove yield	
		c		Newtons 7.784 L.B.S. 1,750	
		inch. 0.031 mm 0.79		(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. 1.071 mm 27.20				
Toll. d3	inch. -0,015 mm -0,38				
b	inch. 0.088 mm 2.24				
Toll. b	inch. +/-0,004 mm +/-0,10				
s	inch. 0.025 mm 0.64				
Toll. s	inch. +/-0,0015 mm +/-0,04				
Weight Kg/1000	0.91				

Technical informations are indicative and can be updated.

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