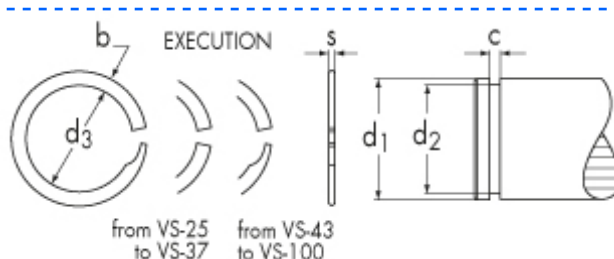


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-181	36,00	+ 20%	-	250

DESCRIPTION		GROOVE		THRUST CAPACITY	
VS-181		d2		ring shear	
d1 mm	46.02	inch. 1.755 mm 44.58		Newtons 32.960 L.B.S. 7,410	
d1 inch	1.812	Toll. d2		(safety factor =3)	
		inch. +/-0,005 mm +/-0,13		groove yield	
		c		Newtons 16.502 L.B.S. 3,710	
		inch. 0.039 mm 0.99		(based on a groove material yield strength of 310/mm and a safety factor of 2)	
		Toll. c			
		inch. +0,003 mm +0,080			
RING IN THE UNSTRESSED STATE					
d3	inch. 1.736 mm 44.09				
Toll. d3	inch. -0,02 mm -0,51				
b	inch. 0.118 mm 3.00				
Toll. b	inch. +/-0,004 mm +/-0,10				
s	inch. 0.031 mm 0.79				
Toll. s	inch. +/-0,002 mm +/-0,05				
Weight Kg/1000	2.54				

Technical informations are indicative and can be updated.

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