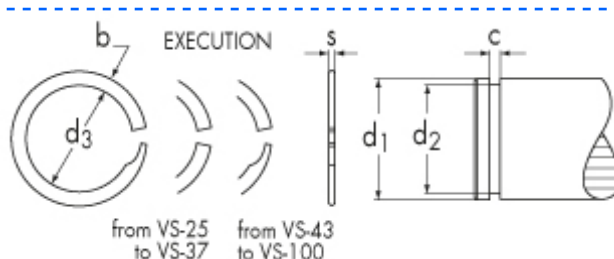


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-75	15,20	+ 20%	-	1000

DESCRIPTION		GROOVE		THRUST CAPACITY	
VS-75		d2		ring shear	
d1 mm	19.05		inch. 0.722 mm 18.34		Newtons 8.674 L.B.S. 1,950
d1 inch	0.750	Toll. d2	inch. +/-0,002 mm +/-0,05	(safety factor =3)	
RING IN THE UNSTRESSED STATE		c	inch. 0.022 mm 0.56	groove yield	
d3	inch. 0.715 mm 18.16	Toll. c	inch. +0,002 mm +0,050		Newtons 3.292 L.B.S. 740
Toll. d3	inch. -0,013 mm -0,33			(based on a groove material yield strength of 310/mm and a safety factor of 2)	
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				

Technical informations are indicative and can be updated.

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