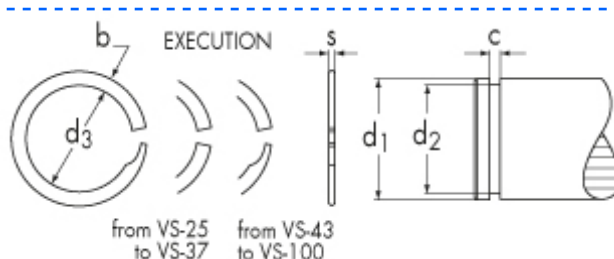


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-50	14,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
VS-50	d2 inch. 0.472 mm 11.99	ring shear Newtons 5.782 L.B.S. 1,300
d1 mm 12.70	Toll. d2 inch. +/-0,002 mm +/-0,05	(safety factor =3)
d1 inch 0.500	c inch. 0.022 mm 0.56	groove yield Newtons 2.224 L.B.S. 500
	Toll. c inch. +0,002 mm +0,050	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 0.467 mm 11.86		
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 0.14		

Technical informations are indicative and can be updated.

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