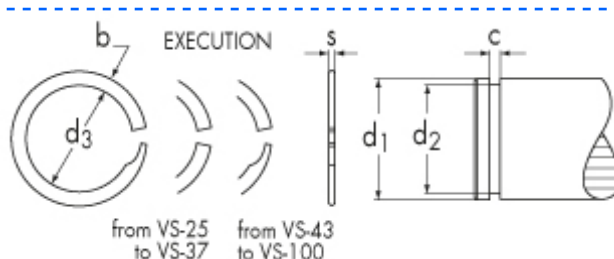


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-312	65,00	+ 20%	-	100

DESCRIPTION		GROOVE		THRUST CAPACITY	
VS-312		d2		ring shear	
d1 mm	79.38	inch. 3.033 mm 77.04		Newtons 71.524 L.B.S. 16,080	
d1 inch	3.125	Toll. d2		(safety factor =3)	
		inch. +/-0,006 mm +/-0,15		groove yield	
		c		Newtons 45.192 L.B.S. 10,160	
		inch. 0.044 mm 1.12		(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. 3.001 mm 76.23				
Toll. d3	inch. -0,03 mm -0,76				
b	inch. 0.188 mm 4.78				
Toll. b	inch. +/-0,005 mm +/-0,13				
s	inch. 0.039 mm 0.99				
Toll. s	inch. +/-0,002 mm +/-0,05				
Weight Kg/1000	8.94				

Technical informations are indicative and can be updated.

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