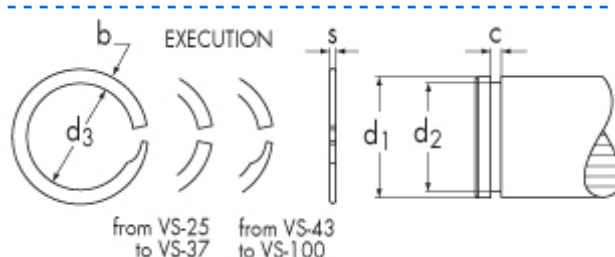


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-125	20,00	+ 20%	-	500

DESCRIPTION	
VS-125	
d1 mm	31.75
d1 inch	1.250

RING IN THE UNSTRESSED STATE	
d3	inch. 1.194 mm 30.33
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	1.00

GROOVE	
d2	inch. 1.206 mm 30.63
Toll. d2	inch. +/-0,004 mm +/-0,1
c	inch. 0.031 mm 0.79
Toll. c	inch. +0,002 mm +0,050

THRUST CAPACITY	
ring shear	Newtons 18.326 L.B.S. 4,120
(safety factor =3)	
groove yield	Newtons 8.629 L.B.S. 1,940
(based on a groove material yield strength of 310/mm and a safety factor of 2)	

Technical informations are indicative and can be updated.

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