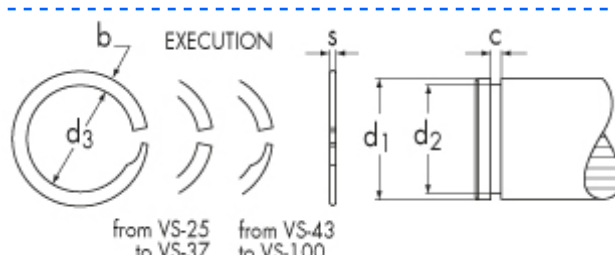


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-162	31,00	+ 20%	-	250

DESCRIPTION	
VS-162	
d1 mm	41.28
d1 inch	1.625

RING IN THE UNSTRESSED STATE	
d3	inch. 1.550 mm 39.37
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	2.27

GROOVE	
d2	inch. 1.568 mm 39.83
Toll. d2	inch. +/-0,005 mm +/-0,13
c	inch. 0.039 mm 0.99
Toll. c	inch. +0,003 mm +0,080

THRUST CAPACITY	
ring shear	Newtons 29.579 L.B.S. 6,650
(safety factor =3)	
groove yield	Newtons 14.812 L.B.S. 3,330
(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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