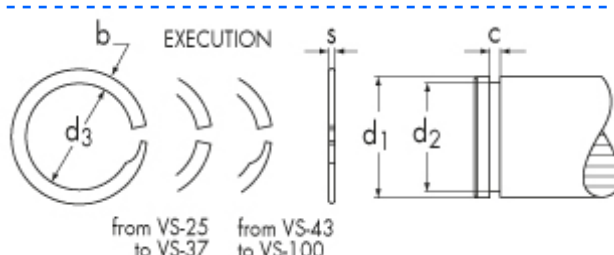


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-281	54,00	+ 20%	-	100

DESCRIPTION	
VS-281	
d1 mm	71.42
d1 inch	2.812
RING IN THE UNSTRESSED STATE	
d3	inch. 2.706 mm 68.73
Toll. d3	inch. -0,025 mm -0,64
b	inch. 0.158 mm 4.01
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	5.31

GROOVE	
d2	inch. 2.736 mm 69.49
Toll. d2	inch. +/-0,006 mm +/-0,15
c	inch. 0.039 mm 0.99
Toll. c	inch. +0,003 mm +0,080

THRUST CAPACITY	
ring shear	Newtons 51.152 L.B.S. 11,500 (safety factor =3)
groove yield	Newtons 33.582 L.B.S. 7,550 (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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