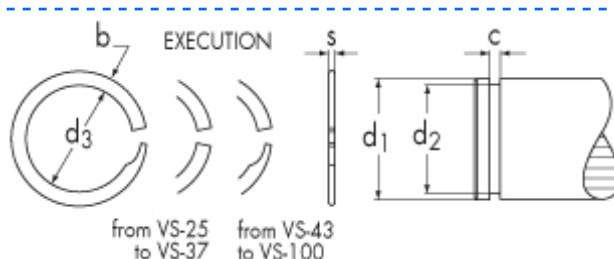


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-143	22,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
VS-143	d2 inch. 1.393 mm 35.38	ring shear Newtons 21.084 L.B.S. 4,740
d1 mm 36.50	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.437	c inch. 0.031 mm 0.79	groove yield Newtons 9.964 L.B.S. 2,240
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.379 mm 35.03	Toll. c inch. +0,002 mm +0,050	
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 1.18		

Technical informations are indicative and can be updated.

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