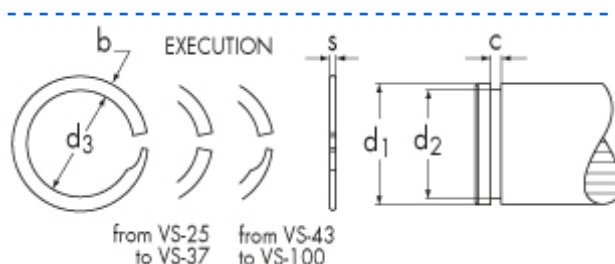


SMALLEY® SPIRAL RETAINING RINGS

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-56	14,40	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
VS-56	d2	ring shear
d1 mm	inch. 0.534	Newton's 6.494
d1 inch	mm 13.56	L.B.S. 1,460
	Toll. d2	(safety factor =3)
	inch. +/-0,002	groove yield
	mm +/-0,05	Newton's 2.491
	c	L.B.S. 560
	inch. 0.022	(based on a groove material yield
	mm 0.56	strength of 310/mm and a safety factor
	Toll. c	of 2)
	inch. +0,002	
	mm +0,050	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.529	
	mm 13.44	
Toll. d3	inch. -0,013	
	mm -0,33	
b	inch. 0.045	
	mm 1.14	
Toll. b	inch. +/-0,004	
	mm +/-0,10	
s	inch. 0.018	
	mm 0.46	
Toll. s	inch. +/-0,0015	
	mm +/-0,04	
Weight Kg/1000	0.14	

Technical informations are indicative and can be updated.

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