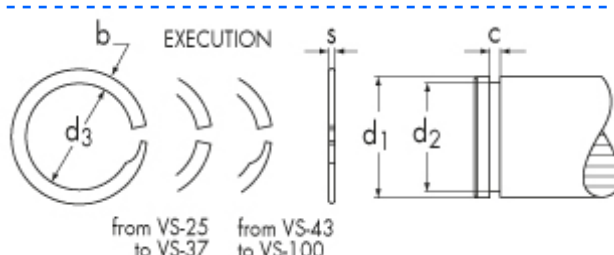


SMALLEY® SPIRAL RETAINING RINGS

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-118	17,60	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
VS-118	d2	ring shear
d1 mm 30.15	inch. 1.143	Newton's 17.436
d1 inch 1.187	mm 29.03	L.B.S. 3,920
	Toll. d2	(safety factor =3)
	inch. +/-0,004	groove yield
	mm +/-0,1	Newton's 8.229
	c	L.B.S. 1,850
	inch. 0.031	(based on a groove material yield
	mm 0.79	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. 1.132	
	mm 28.75	
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	0.95	

Technical informations are indicative and can be updated.

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