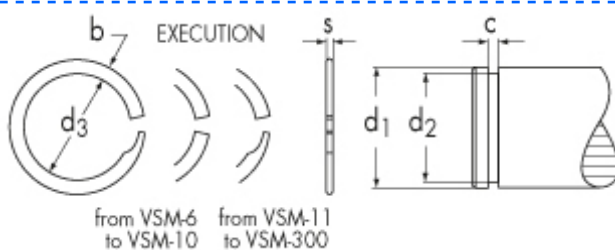


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: VSM-6

**Light duty series
VSM - for shafts**

d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
S=thickness

description	Price Euro x100	% Price Change		Package
VSM-48	36,00	1 + 20%	2 -	250

DESCRIPTION	GROOVE	THRUST CAPACITY
VSM-48	d2	ring shear Newtons 34.497 (safety factor =3)
d1 mm 48.00	mm 46.52	
	Toll. d2	groove yield Newtons 17.311 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm +/-0,13	
	c	
	mm 0.99	
	Toll. c	
	mm +0,080	
RING IN THE UNSTRESSED STATE		
d3		
mm 46.01		
Toll. d3		
mm -0,51		
b		
mm 3.00		
Toll. b		
mm +/-0,10		
s		
mm 0.79		
Toll. s		
mm +/-0,05		
Weight Kg/1000		
2.86		

Technical informations are indicative and can be updated.

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