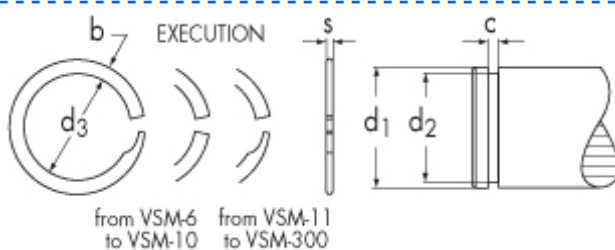


SMALLEY® SPIRAL RETAINING RINGS

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-12	13,20	1 + 20%	2 -	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
VSM-12	d2	ring shear Newtons 5.779 (safety factor =3)
d1 mm 12.00	mm 11.34	
	Toll. d2	groove yield Newtons 1.930 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm +/-0,05	
	c	
	mm 0.56	
	Toll. c	
	mm +0,050	
RING IN THE UNSTRESSED STATE		
d3		
mm 11.22		
Toll. d3		
mm -0,33		
b		
mm 1.14		
Toll. b		
mm +/-0,10		
s		
mm 0.46		
Toll. s		
mm +/-0,04		
Weight Kg/1000		
0.16		

Technical informations are indicative and can be updated.

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