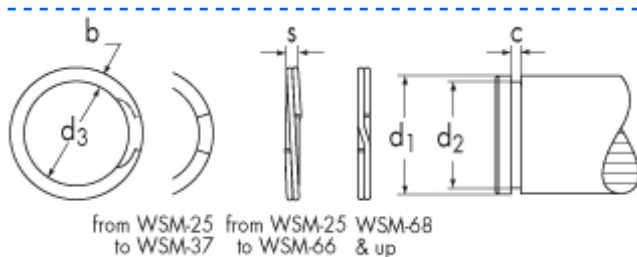


SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WSM-25



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

Heavy duty series
WSM - for shafts
(in inches)



description	Price Euro x100	% Price Change		Package
WSM-450	620,00	1 + 20%	2 -	25

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-450	d2 inch. 4.310 mm 109.47	ring shear Newtons 279.201 L.B.S. 62,770 (safety factor =3)
d1 mm 114.30	Toll. d2 inch. +/-0,006 mm +/-0,15	groove yield Newtons 134.419 L.B.S. 30,220 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 4.500	c inch. 0.120 mm 3.05	
	Toll. c inch. +0,005 mm +0,130	
RING IN THE UNSTRESSED STATE		
d3 inch. 4.280 mm 108.71		
Toll. d3 inch. -0,035 mm -0,89		
b inch. 0.270 mm 6.86		
Toll. b inch. +0,004/-0,006 mm +0,10/-0,15		
s inch. 0.111 mm 2.82		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 52.44		

Technical informations are indicative and can be updated.

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