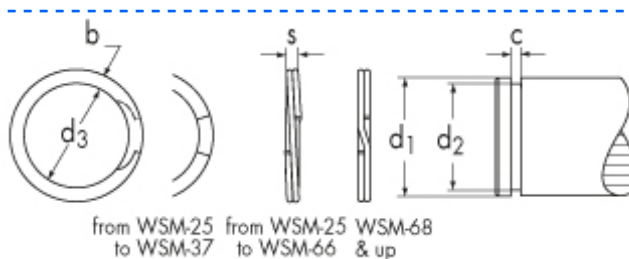


SMALLEY® SPIRAL RETAINING RINGS

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-50	18,80	+ 20%	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-50	d2 inch. 0.468 mm 11.89	ring shear Newtons 11.253 L.B.S. 2,530 (safety factor =3)
d1 mm 12.70	Toll. d2 inch. +/-0,002 mm +/-0,05	groove yield Newtons 2.535 L.B.S. 570 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 0.500	c inch. 0.039 mm 0.99	
	Toll. c inch. +0,003 mm +0,080	
RING IN THE UNSTRESSED STATE		
d3 inch. 0.464 mm 11.79		
Toll. d3 inch. -0,013 mm -0,33		
b inch. 0.050 mm 1.27		
Toll. b inch. +0,003/-0,005 mm +008/-013		
s inch. 0.035 mm 0.89		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 0.32		

Technical informations are indicative and can be updated.

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