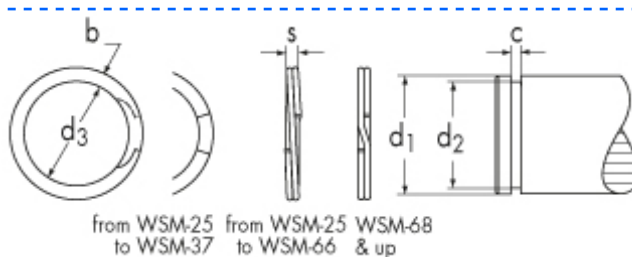


SMALLEY® SPIRAL RETAINING RINGS

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-1000	5.500,00	+ 20%	25

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-1000	d2	ring shear
d1 mm	inch. 9.575	Newtons 1.045.236
d1 inch	mm 243.21	L.B.S. 234,990
	Toll. d2	(safety factor =3)
	inch. +/-0,008	groove yield
	mm +/-0,2	Newtons 669.691
	c	L.B.S. 150,560
	inch. 0.209	(based on a groove material yield
	mm 5.31	strength of 310/mm and a safety factor
	Toll. c	of 2)
	inch. +0,008	
	mm +0,200	
RING IN THE UNSTRESSED STATE		
d3	inch. 9.508	
	mm 241.50	
Toll. d3	inch. -0,07	
	mm -1,78	
b	inch. 0.500	
	mm 12.70	
Toll. b	inch. +0,005/-0,010	
	mm +0,13/-0,25	
s	inch. 0.187	
	mm 4.75	
Toll. s	inch. +/-0,005	
	mm +/-0,13	
Weight Kg/1000	366.09	

Technical informations are indicative and can be updated.

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