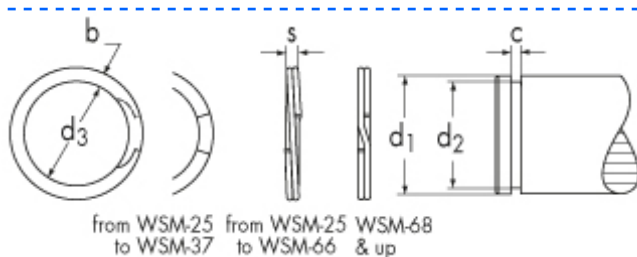


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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
		1	2	
WSM-59	20,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-59	d2 inch. 0.559 mm 14.20	ring shear Newtons 13.344 L.B.S. 3,000
d1 mm 15.09	Toll. d2 inch. +/-0,003 mm +/-0,08	(safety factor =3)
d1 inch 0.594	c inch. 0.039 mm 0.99	groove yield Newtons 3.380 L.B.S. 760
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 0.554 mm 14.07		
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 0.36		

Technical informations are indicative and can be updated.

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