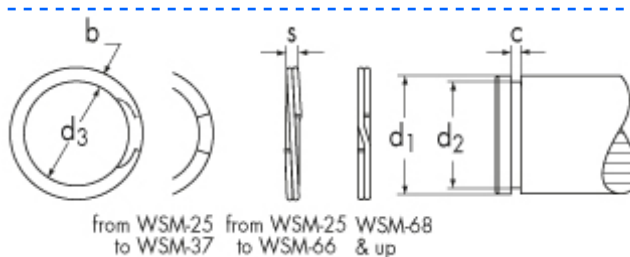


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-181	64,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-181	d2 inch. 1.708 mm 43.38	ring shear Newtons 65.919 L.B.S. 14,820
d1 mm 46.02	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.812	c inch. 0.068 mm 1.73	groove yield Newtons 29.624 L.B.S. 6,660
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.690 mm 42.93		
Toll. d3 inch. -0,02 mm -0,51		
b inch. 0.128 mm 3.25		
Toll. b inch. +0,003/-0,005 mm +008/-013		
s inch. 0.062 mm 1.57		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 5.44		

Technical informations are indicative and can be updated.

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