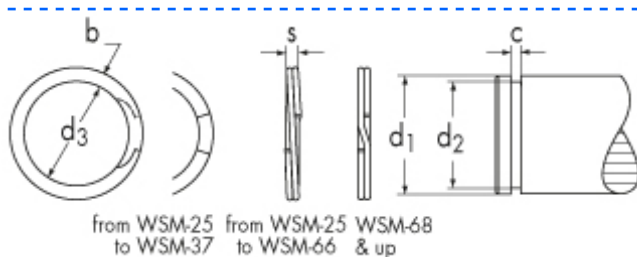


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-177	64,00	+ 20%	-	100

DESCRIPTION		GROOVE		THRUST CAPACITY	
WSM-177		d2	inch. 1.669 mm 42.39	ring shear	Newtons 64.452 L.B.S. 14,490
d1 mm	44.98	Toll. d2	inch. +/-0,005 mm +/-0,13	(safety factor =3)	
d1 inch	1.771	c	inch. 0.068 mm 1.73	groove yield	Newtons 28.378 L.B.S. 6,380
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. 1.651 mm 41.94				
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	5.31				

Technical informations are indicative and can be updated.

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