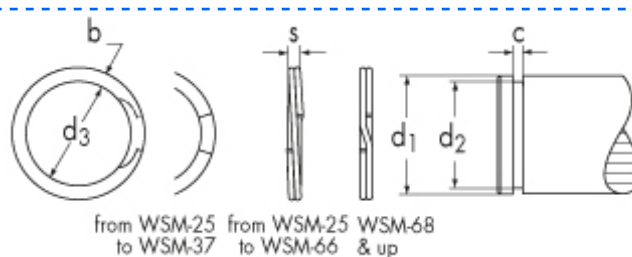


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-31	20,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-31	d2 inch. 0.290 mm 7.37	ring shear Newtons 5.338 L.B.S. 1,200
d1 mm 7.92	Toll. d2 inch. +/-0,002 mm +/-0,05	(safety factor =3)
d1 inch 0.312	c inch. 0.029 mm 0.74	groove yield Newtons 1.081 L.B.S. 243
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. 0.287 mm 7.29		
Toll. d3 inch. -0,01 mm -0,25		
b inch. 0.025 mm 0.64		
Toll. b inch. +0,003/-0,005 mm +008/-013		
s inch. 0.025 mm 0.64		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 0.07		

Technical informations are indicative and can be updated.

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