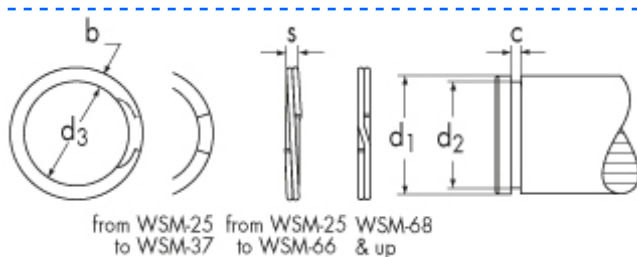


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-196	68,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-196	d2 inch. 1.857 mm 47.17	ring shear Newtons 71.657 L.B.S. 16,110
d1 mm 50.01	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.969	c inch. 0.068 mm 1.73	groove yield Newtons 34.650 L.B.S. 7,790
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. 1.838 mm 46.69		
Toll. d3 inch. -0,02 mm -0,51		
b inch. 0.158 mm 4.01		
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 7.39		

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350