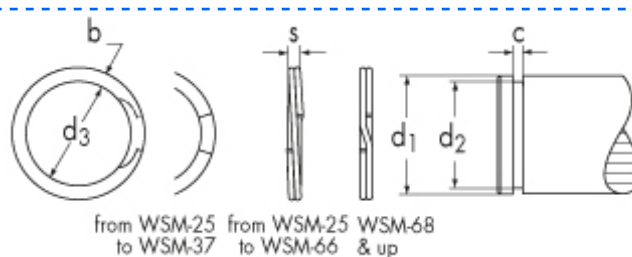


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-93	60,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-93	d2 inch. 0.882 mm 22.40	ring shear Newtons 25.309 L.B.S. 5,690
d1 mm 23.83	Toll. d2 inch. +/-0,003 mm +/-0,08	(safety factor =3)
d1 inch 0.938	c inch. 0.046 mm 1.17	groove yield Newtons 8.273 L.B.S. 1,860
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. 0.875 mm 22.23		
Toll. d3 inch. -0,013 mm -0,33		
b inch. 0.075 mm 1.91		
Toll. b inch. +0,003/-0,005 mm +008/-013		
s inch. 0.042 mm 1.07		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 1.09		

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