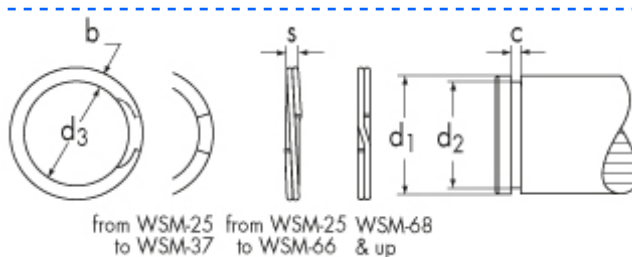


SMALLEY® SPIRAL RETAINING RINGS

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-425	570,00	+ 20%	-	25

DESCRIPTION	GROOVE	THRUST CAPACITY
WSM-425	d2	ring shear
d1 mm	inch. 4.065	Newton's 263.677
d1 inch	mm 103.25	L.B.S. 59,280
	Toll. d2	(safety factor =3)
	inch. +/-0,006	groove yield
	mm +/-0,15	Newton's 124.277
	c	L.B.S. 27,940
	inch. 0.120	(based on a groove material yield
	mm 3.05	strength of 310/mm and a safety factor
	Toll. c	of 2)
	inch. +0,005	
	mm +0,130	
RING IN THE UNSTRESSED STATE		
d3	inch. 4.037	
	mm 102.54	
Toll. d3	inch. -0,035	
	mm -0,89	
b	inch. 0.270	
	mm 6.86	
Toll. b	inch. +0,004/-0,006	
	mm +0,10/-0,15	
s	inch. 0.111	
	mm 2.82	
Toll. s	inch. +/-0,003	
	mm +/-0,08	
Weight Kg/1000	49.58	

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