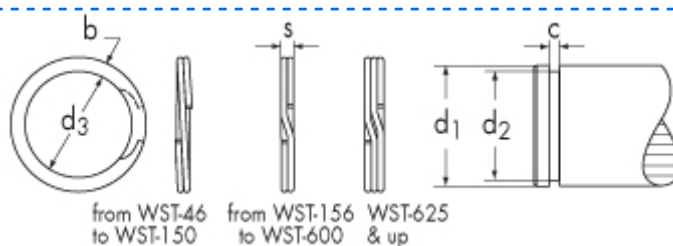


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: WST-46

d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
s=thickness

Medium-heavy
duty series
WST - for shafts

(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
WST-312	240,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-312	d2 inch. 2.980 mm 75.69	ring shear Newtons 162.441 L.B.S. 36,520
d1 mm 79.38	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 3.125	c inch. 0.103 mm 2.62	groove yield Newtons 71.746 L.B.S. 16,130
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 2.957 mm 75.11	Toll. c inch. +0,005 mm +0,130	
Toll. d3 inch. -0,03 mm -0,76		
b inch. 0.188 mm 4.78		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.093 mm 2.36		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 20.91		

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