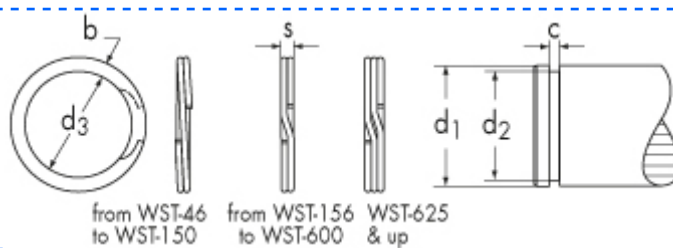


SMALLEY® SPIRAL RETAINING RINGS

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-55	20,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-55	d2	ring shear
d1 mm	inch. 0.524 mm 13.31	Newtons 12.410 L.B.S. 2,790
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,003 mm +/-0,08	groove yield
	c	Newtons 2.446 L.B.S. 550
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,003 mm +0,080	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.518 mm 13.16	
Toll. d3	inch. -0,013 mm -0,33	
b	inch. 0.045 mm 1.14	
Toll. b	inch. +/-0,004 mm +/-0,10	
s	inch. 0.035 mm 0.89	
Toll. s	inch. +/-0,002 mm +/-0,05	
Weight Kg/1000	0.32	

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