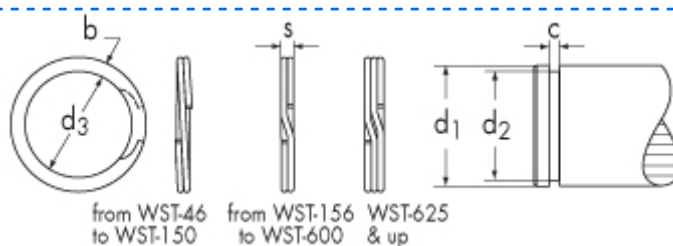


SMALLEY® SPIRAL RETAINING RINGS

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-293	240,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-293	d2 inch. 2.801 mm 71.15	ring shear Newtons 152.655 L.B.S. 34,320
d1 mm 74.60	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 2.937	c inch. 0.103 mm 2.62	groove yield Newtons 62.806 L.B.S. 14,120
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 2.780 mm 70.61	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 19.69		

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. All rights reserved. No part of this web site may be reproduced in any form without express permission.

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