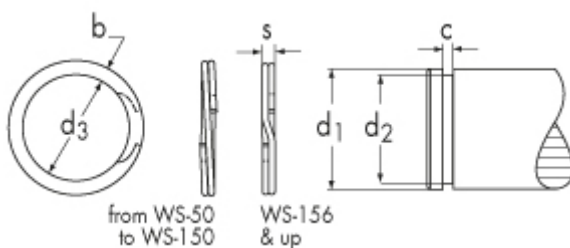


SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WS-50



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

Medium duty
series
**WS - for shafts
(in inches)**



description	Price Euro x100	% Price Change	Package
WS-115	27,00	+ 20%	500

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-115	d2 inch. 1.114 mm 28.30	ring shear Newtons 27.489 L.B.S. 6,180 (safety factor =3)
d1 mm 29.36	Toll. d2 inch. +/-0,004 mm +/-0,1	groove yield Newtons 7.651 L.B.S. 1,720 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 1.156	c inch. 0.042 mm 1.07	
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	
d3 inch. 1.102 mm 27.99		
Toll. d3 inch. -0,015 mm -0,38		
b inch. 0.075 mm 1.91		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.037 mm 0.94		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 1.22		

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