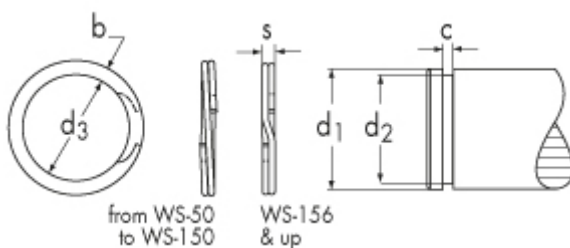


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-156	49,00	+ 20%	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-156	d2 inch. 1.507 mm 38.28	ring shear Newtons 44.925 L.B.S. 10,100
d1 mm 39.67	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.562	c inch. 0.056 mm 1.42	groove yield Newtons 13.744 L.B.S. 3,090
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.490 mm 37.85		
Toll. d3 inch. -0,02 mm -0,51		
b inch. 0.108 mm 2.74		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.049 mm 1.24		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 3.22		

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