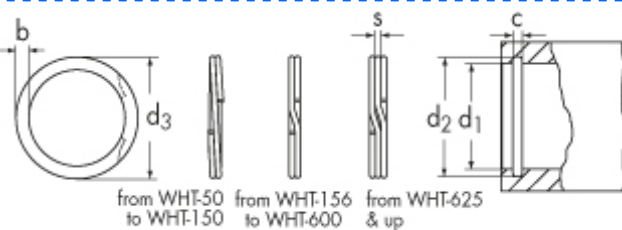


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: WHT-50


d1=shaft diameter
d2=groove diameter
d3=external ring diameter
S=thickness

Medium-heavy
duty series
WHT - for bores
(in inches)


description	Price Euro x100	% Price Change		Package
WHT-193	56,00	1 + 20%	2 -	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WHT-193	d2 inch. 2.040 mm 51.82	ring shear Newtons 70.501 L.B.S. 15,850
d1 mm 49.23	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.938	c inch. 0.068 mm 1.73	groove yield Newtons 31.092 L.B.S. 6,990
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 2.054 mm 52.17	Toll. c inch. +0,004 mm +0,100	
Toll. d3 inch. +0,020 mm +0,51		
b inch. 0.128 mm 3.25		
Toll. b inch. +/-0,004 mm +/-0,1		
s inch. 0.062 mm 1.57		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 5.93		

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