

SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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

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

Light duty series
XDS - for shafts
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
XDS-175	93,00	+ 20%	-	250

DESCRIPTION		GROOVE		THRUST CAPACITY	
XDS-175		d2	inch. 1.670 mm 42.42	ring shear	Newtons 39.127 L.B.S. 8,796
d1 mm	44.45	Toll. d2	inch. +/-0,004 mm +/-0,1	(safety factor =3)	
d1 inch	1.750	c	inch. 0.046 mm 1.17	groove yield	Newtons 22.009 L.B.S. 4,948
RING IN THE UNSTRESSED STATE		Toll. c	inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)	
d3	inch. 1.645 mm 41.78				
Toll. d3	inch. -0,062 mm -1,57				
b	inch. 0.156 mm 3.96				
Toll. b	inch. +/-0,005 mm +/-0,13				
s	inch. 0.042 mm 1.07				
Toll. s	inch. +/-0,002 mm +/-0,05				
Weight Kg/1000	4.68				

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