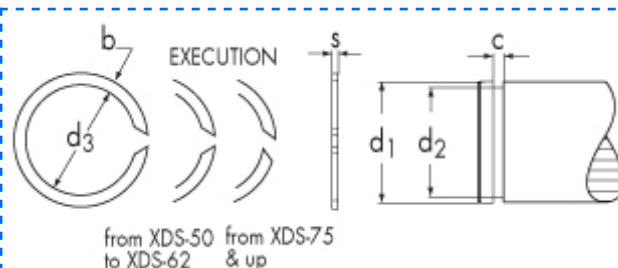


SMALLEY® SPIRAL RETAINING RINGS

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-193	100,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-193	d2	ring shear
d1 mm	inch. 1.857	Newton's 43.308
d1 inch	mm 47.17	L.B.S. 9,736
	Toll. d2	(safety factor =3)
	inch. +/-0,006	groove yield
	mm +/-0,15	Newton's 24.361
	c	L.B.S. 5,477
	inch. 0.046	(based on a groove material yield
	mm 1.17	strength of 310/mm and a safety factor
	Toll. c	of 2)
	inch. +0,003	
	mm +0,080	
RING IN THE UNSTRESSED STATE		
d3	inch. 1.832	
	mm 46.53	
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	5.17	

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