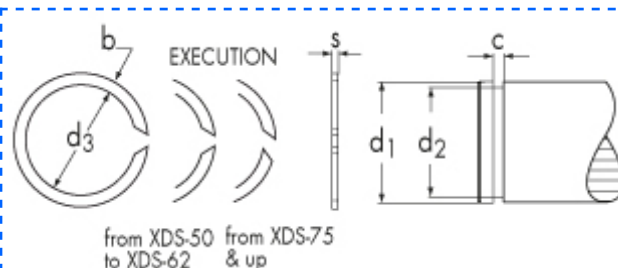


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-162	88,00	+ 20%	-	250

DESCRIPTION		GROOVE		THRUST CAPACITY	
XDS-162		d2	inch. 1.545 mm 39.24	ring shear	Newtons 36.332 L.B.S. 8,168
d1 mm	41.28	Toll. d2	inch. +/-0,004 mm +/-0,1	(safety factor =3)	
d1 inch	1.625	c	inch. 0.046 mm 1.17	groove yield	Newtons 20.437 L.B.S. 4,595
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. 1.520 mm 38.61				
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	4.35				

Technical informations are indicative and can be updated.

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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