

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
XDS-350	240,00	+ 20%	50

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-350	d2 inch. 3.375 mm 85.73	ring shear Newtons 109.652 L.B.S. 24,652 (safety factor =3)
d1 mm 88.90	Toll. d2 inch. +/-0,006 mm +/-0,15	groove yield Newtons 68.777 L.B.S. 15,463 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 3.500	c inch. 0.068 mm 1.73	
	Toll. c inch. +0,004 mm +0,100	
RING IN THE UNSTRESSED STATE		
d3 inch. 3.340 mm 84.84		
Toll. d3 inch. -0,078 mm -1,98		
b inch. 0.187 mm 4.75		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.062 mm 1.57		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 16.32		

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