

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-131	51,00	+ 20%	500

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-131	d2 inch. 1.252 mm 31.80	ring shear Newtons 29.334 L.B.S. 6,595
d1 mm 33.32	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.312	c inch. 0.046 mm 1.17	groove yield Newtons 12.375 L.B.S. 2,782
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. 1.232 mm 31.29		
Toll. d3 inch. -0,031 mm -0,79		
b inch. 0.125 mm 3.18		
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 2.84		

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