

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-325	190,00	1 + 20%	2 -	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-325	d2 inch. 3.125 mm 79.38	ring shear Newtons 101.820 L.B.S. 22,891
d1 mm 82.55	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 3.250	c inch. 0.068 mm 1.73	groove yield Newtons 63.865 L.B.S. 14,358
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 3.090 mm 78.49		
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 15.15		

Technical informations are indicative and can be updated.

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