

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-300	180,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-300	d2 inch. 2.876 mm 73.05	ring shear Newtons 93.988 L.B.S. 21,130
d1 mm 76.20	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 3.000	c inch. 0.068 mm 1.73	groove yield Newtons 58.480 L.B.S. 13,148
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. 2.846 mm 72.29		
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 14.01		

Technical informations are indicative and can be updated.

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