

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-312	180,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-312	d2 inch. 3.000 mm 76.20	ring shear Newtons 97.904 L.B.S. 22,011 (safety factor =3)
d1 mm 79.38	Toll. d2 inch. +/-0,006 mm +/-0,15	groove yield Newtons 61.408 L.B.S. 13,806 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 3.125	c inch. 0.068 mm 1.73	
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,004 mm +0,100	
d3 inch. 2.965 mm 75.31		
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 14.56		

Technical informations are indicative and can be updated.

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