

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
		1	2	
XDS-337	240,00	+ 20%	-	50

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-337	d2 inch. 3.250 mm 82.55	ring shear Newtons 105.736 L.B.S. 23,772
d1 mm 85.73	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 3.375	c inch. 0.068 mm 1.73	groove yield Newtons 66.321 L.B.S. 14,910
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 3.215 mm 81.66	Toll. c inch. +0,004 mm +0,100	
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 15.73		

Technical informations are indicative and can be updated.

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