

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-375	260,00	+ 20%	50

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-375	d2 inch. 3.610 mm 91.69	ring shear Newtons 141.485 L.B.S. 31,809
d1 mm 95.25	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 3.750	c inch. 0.086 mm 2.18	groove yield Newtons 82.533 L.B.S. 18,555
	Toll. c inch. +0,005 mm +0,130	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 3.570 mm 90.68		
Toll. d3 inch. -0,093 mm -2,36		
b inch. 0.218 mm 5.54		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.078 mm 1.98		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 25.67		

Technical informations are indicative and can be updated.

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