

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-475	590,00	+ 20%	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-475	d2 inch. 4.610 mm 117.09	ring shear Newtons 179.214 L.B.S. 40,291
d1 mm 120.65	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 4.750	c inch. 0.086 mm 2.18	groove yield Newtons 104.542 L.B.S. 23,503
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,005 mm +0,130	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 4.560 mm 115.82		
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 32.46		

Technical informations are indicative and can be updated.

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