

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-112	47,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-112	d2 inch. 1.077 mm 27.36	ring shear Newtons 25.153 L.B.S. 5,655
d1 mm 28.58	Toll. d2 inch. +/-0,003 mm +/-0,08	(safety factor =3)
d1 inch 1.125	c inch. 0.046 mm 1.17	groove yield Newtons 8.489 L.B.S. 1,909
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.065 mm 27.05		
Toll. d3 inch. -0,031 mm -0,79		
b inch. 0.125 mm 3.18		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.042 mm 1.07		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 2.49		

Technical informations are indicative and can be updated.

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