

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-100	46,00	+ 20%	500

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-100	d2	ring shear Newtons 22.360 (safety factor =3)
d1 mm 25.40	mm 24.23	
d1 inch 1.000	c	groove yield Newtons 7.232 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm 1.17	
RING IN THE UNSTRESSED STATE		
d3	mm 25.25	
b	mm 2.36	
s	mm 1.07	
Weight Kg/1000	1.61	

Technical informations are indicative and can be updated.

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