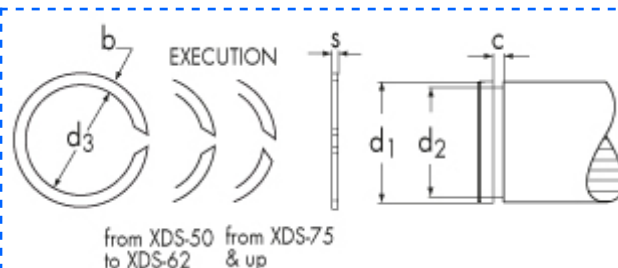


SMALLEY® SPIRAL RETAINING RINGS

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-293	160,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-293	d2	ring shear
d1 mm	inch. 2.813 mm 71.45	Newtons 92.014 L.B.S. 20,687
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,006 mm +/-0,15	groove yield
	c	Newtons 57.252 L.B.S. 12,871
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,004 mm +0,100	
RING IN THE UNSTRESSED STATE		
d3	inch. 2.783 mm 70.69	
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	13.71	

Technical informations are indicative and can be updated.

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