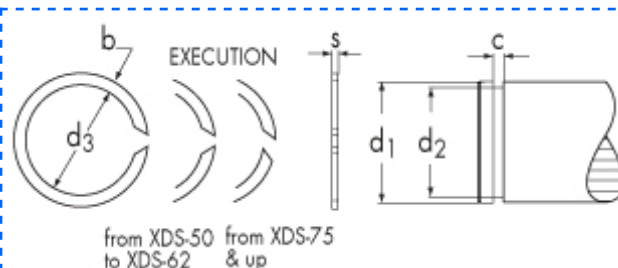


SMALLEY® SPIRAL RETAINING RINGS

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-450	540,00	+ 20%	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-450	d2 inch. 4.360 mm 110.74	ring shear Newtons 169.782 L.B.S. 38,170 (safety factor =3)
d1 mm 114.30	Toll. d2 inch. +/-0,006 mm +/-0,15	groove yield Newtons 99.039 L.B.S. 22,266 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 4.500	c inch. 0.086 mm 2.18	
	Toll. c inch. +0,005 mm +0,130	
RING IN THE UNSTRESSED STATE		
d3 inch. 4.320 mm 109.73		
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 30.82		

Technical informations are indicative and can be updated.

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