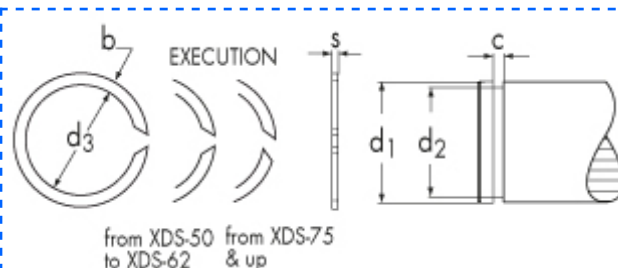


SMALLEY® SPIRAL RETAINING RINGS

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-118	48,00	+ 20%	500

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-118	d2 inch. 1.135 mm 28.83	ring shear Newtons 26.539 L.B.S. 5,967
d1 mm 30.15	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.187	c inch. 0.046 mm 1.17	groove yield Newtons 9.703 L.B.S. 2,182
	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 1.120 mm 28.45		
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 2.60		

Technical informations are indicative and can be updated.

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