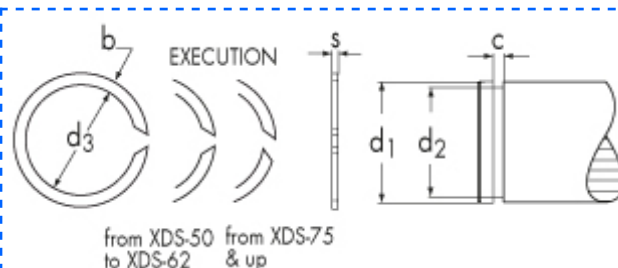


SMALLEY® SPIRAL RETAINING RINGS

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-800	1.400,00	1 + 20%	2 -	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-800	d2 inch. 7.820 mm 198.63	ring shear Newtons 406.843 L.B.S. 91,466 (safety factor =3)
d1 mm 203.20	Toll. d2 inch. +/-0,008 mm +/-0,2	groove yield Newtons 226.376 L.B.S. 50,894 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 8.000	c inch. 0.120 mm 3.05	
	Toll. c inch. +0,005 mm +0,130	
RING IN THE UNSTRESSED STATE		
d3 inch. 7.740 mm 196.60		
Toll. d3 inch. -0,156 mm -3,96		
b inch. 0.281 mm 7.14		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.109 mm 2.77		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 98.17		

Technical informations are indicative and can be updated.

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