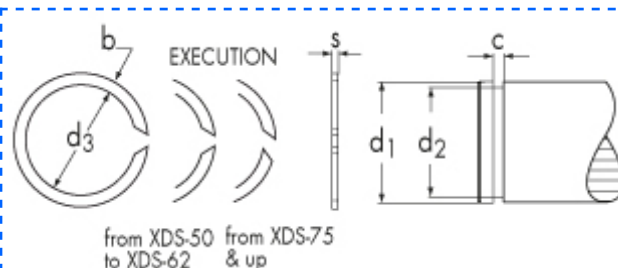


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-225	140,00	1 + 20%	2 -	100

DESCRIPTION		GROOVE		THRUST CAPACITY	
XDS-225		d2		ring shear	
d1 mm	57.15	inch. 2.170 mm 55.12		Newtons 50.306 L.B.S. 11,310	
d1 inch	2.250	Toll. d2		(safety factor =3)	
		inch. +/-0,006 mm +/-0,15		groove yield	
		c		Newtons 28.297 L.B.S. 6,362	
		inch. 0.046 mm 1.17		(based on a groove material yield strength of 310/mm and a safety factor of 2)	
		Toll. c			
		inch. +0,003 mm +0,080			
RING IN THE UNSTRESSED STATE					
d3	inch. 2.145 mm 54.48				
Toll. d3	inch. -0,062 mm -1,57				
b	inch. 0.156 mm 3.96				
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	6.00				

Technical informations are indicative and can be updated.

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