

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
		1	2	
XDS-218	130,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-218	d2 inch. 2.107 mm 53.52	ring shear Newtons 48.897 L.B.S. 10,993
d1 mm 55.55	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 2.187	c inch. 0.046 mm 1.17	groove yield Newtons 27.505 L.B.S. 6,184
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 2.082 mm 52.88		
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 5.83		

Technical informations are indicative and can be updated.

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