

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-700	990,00	+ 20%	-	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-700	d2 inch. 6.840 mm 173.74	ring shear Newtons 316.926 L.B.S. 71,251
d1 mm 177.80	Toll. d2 inch. +/-0,008 mm +/-0,2	(safety factor =3)
d1 inch 7.000	c inch. 0.103 mm 2.62	groove yield Newtons 176.070 L.B.S. 39,584
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 6.765 mm 171.83	Toll. c inch. +0,005 mm +0,130	
Toll. d3 inch. -0,125 mm -3,18		
b inch. 0.250 mm 6.35		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.093 mm 2.36		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 65.22		

Technical informations are indicative and can be updated.

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