

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-62	40,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-62	d2	ring shear
d1 mm	inch. 0.597 mm 15.16	Newtons 11.528 L.B.S. 2,592
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,002 mm +/-0,05	groove yield
	c	Newtons 2.751 L.B.S. 619
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,003 mm +0,080	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.587 mm 14.91	
Toll. d3	inch. -0,025 mm -0,64	
b	inch. 0.062 mm 1.57	
Toll. b	inch. +/-0,003 mm +/-0,08	
s	inch. 0.035 mm 0.89	
Toll. s	inch. +/-0,002 mm +/-0,05	
Weight Kg/1000	0.56	

Technical informations are indicative and can be updated.

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