

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-162	88,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-162	d2 inch. 1.545 mm 39.24	ring shear Newtons 36.332 L.B.S. 8,168
d1 mm 41.28	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.625	c inch. 0.046 mm 1.17	groove yield Newtons 20.437 L.B.S. 4,595
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.520 mm 38.61	Toll. c inch. +0,003 mm +0,080	
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 4.35		

Technical informations are indicative and can be updated.

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