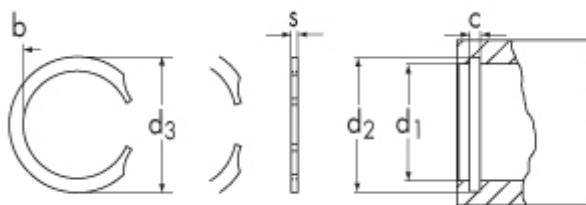


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: XDH-112

d1=shaft diameter
d2=groove diameter
d3=external ring diameter
S=thickness

Light duty series
XDH - for bores
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
XDH-450	510,00	+ 20%	-	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDH-450	d2 inch. 4.644 mm 117.96	ring shear Newtons 169.782 L.B.S. 38,170
d1 mm 114.30	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 4.500	c inch. 0.086 mm 2.18	groove yield Newtons 101.869 L.B.S. 22,902
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,005 mm +0,130	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 4.679 mm 118.85		
Toll. d3 inch. +0,093 mm +2,36		
b inch. 0.218 mm 5.54		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.078 mm 1.98		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 30.93		

Technical informations are indicative and can be updated.

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