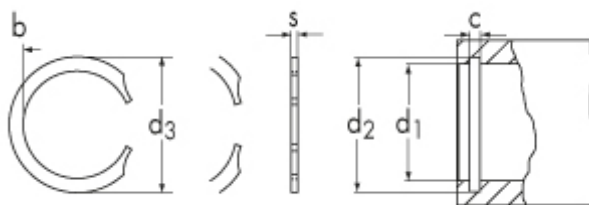


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-175	88,00	+ 20%	-	250

DESCRIPTION		GROOVE		THRUST CAPACITY	
XDH-175		d2	inch. 1.830 mm 46.48	ring shear	Newtons 39.127 L.B.S. 8,796
d1 mm	44.45	Toll. d2	inch. +/-0,005 mm +/-0,13	(safety factor =3)	
d1 inch	1.750	c	inch. 0.046 mm 1.17	groove yield	Newtons 22.009 L.B.S. 4,948
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. 1.855 mm 47.12				
Toll. d3	inch. +0,062 mm +1,57				
b	inch. 0.125 mm 3.18				
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	3.73				

Technical informations are indicative and can be updated.

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