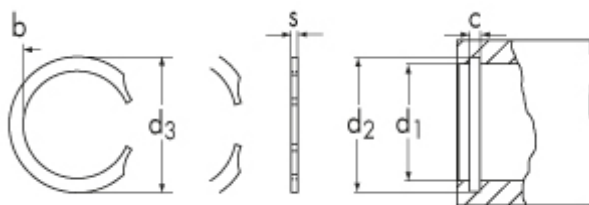


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-137	46,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
XDH-137	d2 inch. 1.435 mm 36.45	ring shear Newtons 30.742 L.B.S. 6,912
d1 mm 34.93	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.375	c inch. 0.046 mm 1.17	groove yield Newtons 12.969 L.B.S. 2,916
	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 1.460 mm 37.08		
Toll. d3 inch. +0,031 mm +0,79		
b inch. 0.093 mm 2.36		
Toll. b inch. +/-0,003 mm +/-0,08		
s inch. 0.042 mm 1.07		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 2.18		

Technical informations are indicative and can be updated.

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