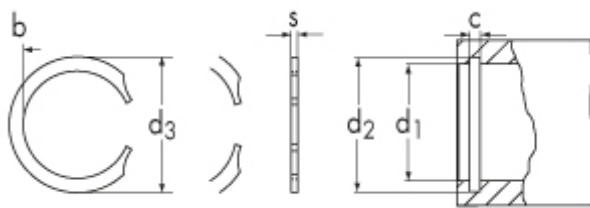


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-800	1.300,00	+ 20%	-	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDH-800	d2 inch. 8.160 mm 207.26	ring shear Newtons 362.201 L.B.S. 81,430
d1 mm 203.20	Toll. d2 inch. +/-0,008 mm +/-0,2	(safety factor =3)
d1 inch 8.000	c inch. 0.103 mm 2.62	groove yield Newtons 201.223 L.B.S. 45,239
	Toll. c inch. +0,005 mm +0,130	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 8.285 mm 210.44		
Toll. d3 inch. +0,187 mm +4,75		
b inch. 0.250 mm 6.35		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.093 mm 2.36		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 76.26		

Technical informations are indicative and can be updated.

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