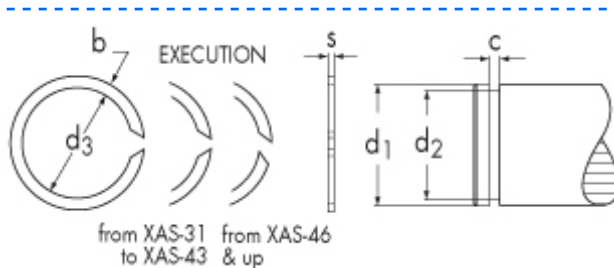


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: XAS 31

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

Medium duty
series
XAS - for shafts
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
XAS-131	52,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
XAS-131	d2 inch. 1.250 mm 31.75	ring shear Newtons 34.467 L.B.S. 7,749
d1 mm 33.32	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.312	c inch. 0.056 mm 1.42	groove yield Newtons 12.788 L.B.S. 2,875
	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 1.232 mm 31.29		
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. 0.050 mm 1.27		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 2.46		

Technical informations are indicative and can be updated.

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