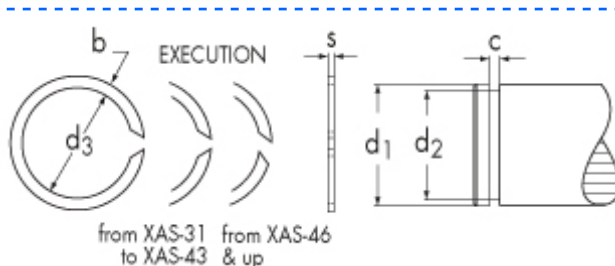


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-181	106,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XAS-181	d2 inch. 1.728 mm 43.89	ring shear Newtons 56.769 L.B.S. 12,763
d1 mm 46.02	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.812	c inch. 0.068 mm 1.73	groove yield Newtons 23.928 L.B.S. 5,379
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.698 mm 43.13		
Toll. d3 inch. -0,046 mm -1,17		
b inch. 0.141 mm 3.58		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.062 mm 1.57		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 6.41		

Technical informations are indicative and can be updated.

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