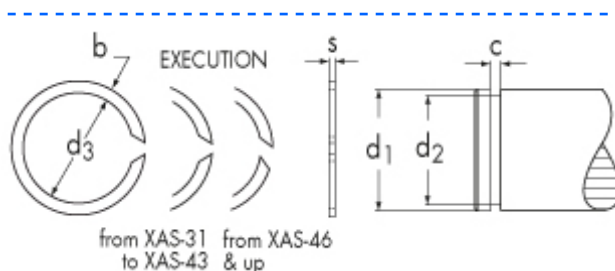


SMALLEY® SPIRAL RETAINING RINGS

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
XAS-175	106,00	+ 20%	250

DESCRIPTION	GROOVE	THRUST CAPACITY
XAS-175	d2 inch. 1.670 mm 42.42	ring shear Newtons 54.826 L.B.S. 12,326
d1 mm 44.45	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.750	c inch. 0.068 mm 1.73	groove yield Newtons 22.009 L.B.S. 4,948
	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. 1.640 mm 41.66		
Toll. d3 inch. -0,046 mm -1,17		
b inch. 0.125 mm 3.18		
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 5.45		

Technical informations are indicative and can be updated.

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