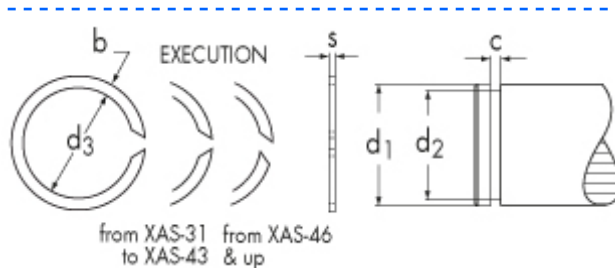


SMALLEY® SPIRAL RETAINING RINGS

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-46	34,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
XAS-46	d2	ring shear
d1 mm	inch. 0.443	Newton's 6.532
d1 inch	mm 11.25	L.B.S. 1,468
	Toll. d2	(safety factor =3)
	inch. +/-0,002	groove yield
	mm +/-0,05	Newton's 1.917
	c	L.B.S. 431
	inch. 0.028	(based on a groove material yield
	mm 0.71	strength of 310/mm and a safety factor
	Toll. c	of 2)
	inch. +0,003	
	mm +0,080	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.433	
	mm 11.00	
Toll. d3	inch. -0,02	
	mm -0,51	
b	inch. 0.040	
	mm 1.02	
Toll. b	inch. +/-0,003	
	mm +/-0,08	
s	inch. 0.025	
	mm 0.64	
Toll. s	inch. +/-0,002	
	mm +/-0,05	
Weight Kg/1000	0.19	

Technical informations are indicative and can be updated.

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