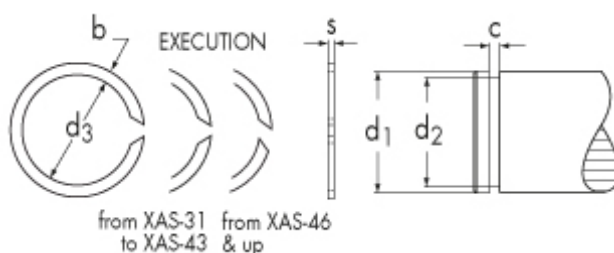


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-59	36,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
XAS-59	d2 inch. 0.566 mm 14.38	ring shear Newtons 10.957 L.B.S. 2,463
d1 mm 15.09	Toll. d2 inch. +/-0,002 mm +/-0,05	(safety factor =3)
d1 inch 0.594	c inch. 0.039 mm 0.99	groove yield Newtons 2.615 L.B.S. 588
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 0.555 mm 14.10		
Toll. d3 inch. -0,025 mm -0,64		
b inch. 0.048 mm 1.22		
Toll. b inch. +/-0,003 mm +/-0,08		
s inch. 0.035 mm 0.89		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 0.40		

Technical informations are indicative and can be updated.

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