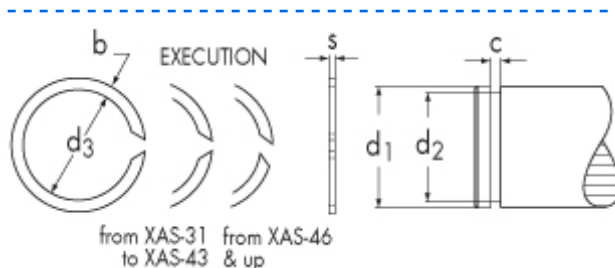


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-237	180,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
XAS-237	d2 inch. 2.265 mm 57.53	ring shear Newtons 89.607 L.B.S. 20,145
d1 mm 60.33	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 2.375	c inch. 0.086 mm 2.18	groove yield Newtons 41.070 L.B.S. 9,233
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,005 mm +0,130	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 2.235 mm 56.77		
Toll. d3 inch. -0,046 mm -1,17		
b inch. 0.187 mm 4.75		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.078 mm 1.98		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 14.12		

Technical informations are indicative and can be updated.

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