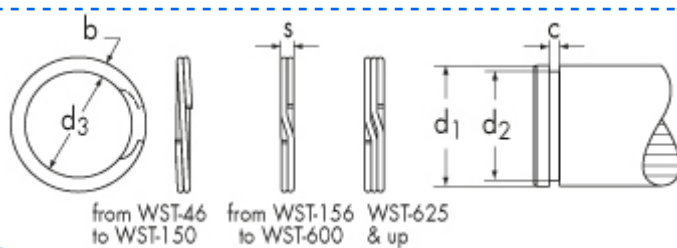


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: WST-46

d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
s=thickness

Medium-heavy
duty series
WST - for shafts

(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
WST-231	112,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-231	d2 inch. 2.205 mm 56.01	ring shear Newtons 105.862 L.B.S. 23,800
d1 mm 58.72	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 2.312	c inch. 0.086 mm 2.18	groove yield Newtons 39.276 L.B.S. 8,830
	Toll. c inch. +0,005 mm +0,130	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 2.188 mm 55.58		
Toll. d3 inch. -0,025 mm -0,64		
b inch. 0.141 mm 3.58		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.078 mm 1.98		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 9.75		

Technical informations are indicative and can be updated.

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