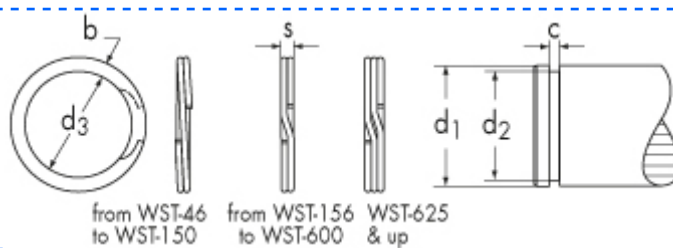


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-93	23,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-93	d2 inch. 0.894 mm 22.71	ring shear Newtons 25.309 L.B.S. 5,690
d1 mm 23.83	Toll. d2 inch. +/-0,003 mm +/-0,08	(safety factor =3)
d1 inch 0.938	c inch. 0.046 mm 1.17	groove yield Newtons 6.494 L.B.S. 1,460
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 0.886 mm 22.50	Toll. c inch. +0,003 mm +0,080	
Toll. d3 inch. -0,013 mm -0,33		
b inch. 0.075 mm 1.91		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.042 mm 1.07		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 1.09		

Technical informations are indicative and can be updated.

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