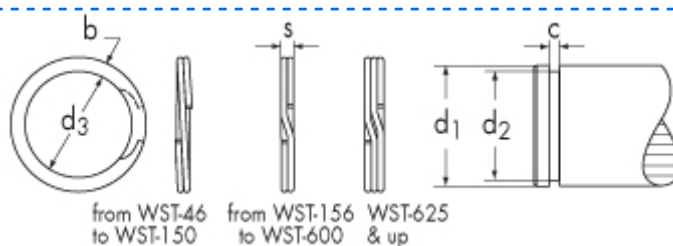


SMALLEY® SPIRAL RETAINING RINGS

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-255	200,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-255	d2	ring shear
d1 mm	inch. 2.443 mm 62.05	Newtons 117.160 L.B.S. 26,340
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,006 mm +/-0,15	groove yield
	c	Newtons 46.660 L.B.S. 10,490
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,005 mm +0,130	
RING IN THE UNSTRESSED STATE		
d3	inch. 2.424 mm 61.57	
Toll. d3	inch. -0,025 mm -0,64	
b	inch. 0.188 mm 4.78	
Toll. b	inch. +/-0,005 mm +/-0,13	
s	inch. 0.078 mm 1.98	
Toll. s	inch. +/-0,003 mm +/-0,08	
Weight Kg/1000	14.70	

Technical informations are indicative and can be updated.

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