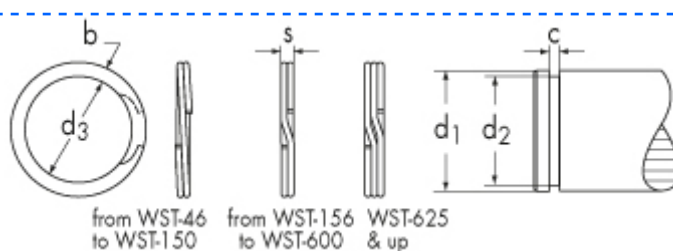


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-143	31,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-143	d2 inch. 1.370 mm 34.80	ring shear Newtons 42.212 L.B.S. 9,490
d1 mm 36.53	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.438	c inch. 0.056 mm 1.42	groove yield Newtons 15.390 L.B.S. 3,460
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.359 mm 34.52		
Toll. d3 inch. -0,015 mm -0,38		
b inch. 0.103 mm 2.62		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.050 mm 1.27		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 2.77		

Technical informations are indicative and can be updated.

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