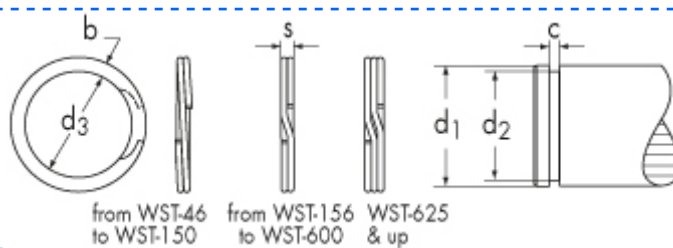


SMALLEY® SPIRAL RETAINING RINGS

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-81	22,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WST-81	d2	ring shear
d1 mm	inch. 0.776	Newton's 21.929
d1 inch	mm 19.71	L.B.S. 4,930
	Toll. d2	(safety factor =3)
	inch. +/-0,003	groove yield
	mm +/-0,08	Newton's 4.581
	c	L.B.S. 1,030
	inch. 0.046	(based on a groove material yield
	mm 1.17	strength of 310/mm and a safety factor
	Toll. c	of 2)
	inch. +0,003	
	mm +0,080	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.768	
	mm 19.51	
Toll. d3	inch. -0,013	
	mm -0,33	
b	inch. 0.065	
	mm 1.65	
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	0.82	

Technical informations are indicative and can be updated.

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