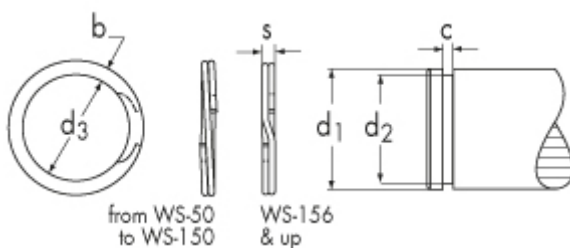


SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WS-50



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

Medium duty
series
WS - for shafts
(in inches)



description	Price Euro x100	% Price Change	Package
WS-193	56,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-193	d2 inch. 1.861 mm 47.27	ring shear Newtons 55.733 L.B.S. 12,530
d1 mm 49.23	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.938	c inch. 0.056 mm 1.42	groove yield Newtons 20.728 L.B.S. 4,660
	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 1.844 mm 46.84		
Toll. d3 inch. -0,02 mm -0,51		
b inch. 0.128 mm 3.25		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.049 mm 1.24		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 4.72		

Technical informations are indicative and can be updated.

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