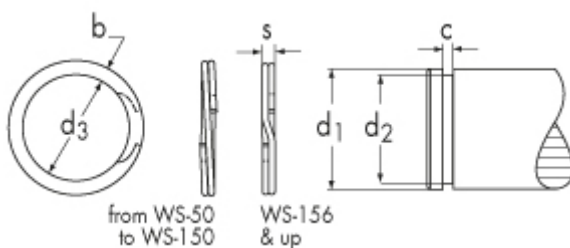


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-196	57,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-196	d2 inch. 1.902 mm 48.31	ring shear Newtons 56.623 L.B.S. 12,730
d1 mm 50.01	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.969	c inch. 0.056 mm 1.42	groove yield Newtons 21.039 L.B.S. 4,730
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. 1.882 mm 47.80		
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 4.81		

Technical informations are indicative and can be updated.

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