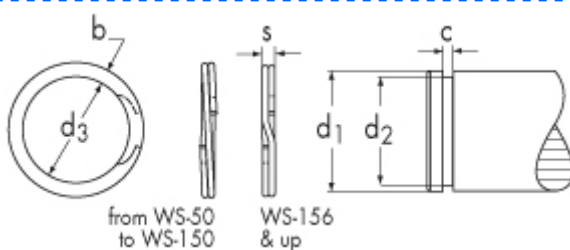


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-59	22,00	+ 20%	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-59	d2 inch. 0.569 mm 14.45	ring shear Newtons 10.586 L.B.S. 2,380
d1 mm 15.09	Toll. d2 inch. +/-0,003 mm +/-0,08	(safety factor =3)
d1 inch 0.594	c inch. 0.030 mm 0.76	groove yield Newtons 2.446 L.B.S. 550
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 0.561 mm 14.25		
Toll. d3 inch. -0,013 mm -0,33		
b inch. 0.045 mm 1.14		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.025 mm 0.64		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 0.23		

Technical informations are indicative and can be updated.

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