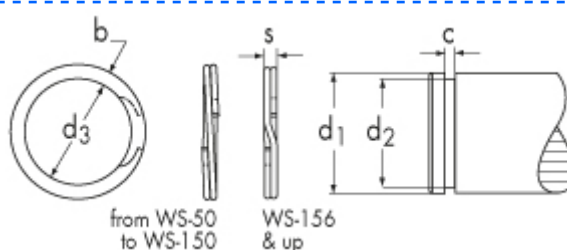


SMALLEY® SPIRAL RETAINING RINGS

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-121	27,00	+ 20%	500

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-121	d2 inch. 1.170 mm 29.72	ring shear Newtons 33.671 L.B.S. 7,570
d1 mm 30.94	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.218	c inch. 0.048 mm 1.22	groove yield Newtons 9.207 L.B.S. 2,070
	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. 1.159 mm 29.44		
Toll. d3 inch. -0,015 mm -0,38		
b inch. 0.085 mm 2.16		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.043 mm 1.09		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 1.63		

Technical informations are indicative and can be updated.

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