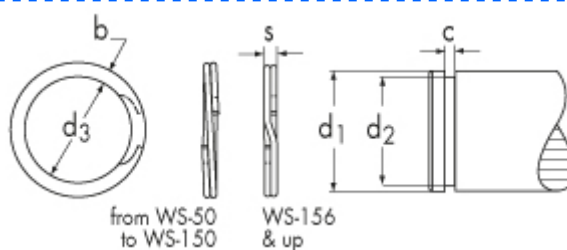


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-140	31,00	+ 20%	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-140	d2 inch. 1.354 mm 34.39	ring shear Newtons 38.876 L.B.S. 8,740
d1 mm 35.71	Toll. d2 inch. +/-0,004 mm +/-0,1	(safety factor =3)
d1 inch 1.406	c inch. 0.048 mm 1.22	groove yield Newtons 11.476 L.B.S. 2,580
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. 1.340 mm 34.04		
Toll. d3 inch. -0,015 mm -0,38		
b inch. 0.095 mm 2.41		
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 2.09		

Technical informations are indicative and can be updated.

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