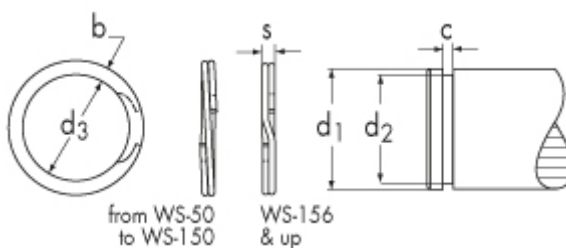


SMALLEY® SPIRAL RETAINING RINGS

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-146	31,00	+ 20%	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-146	d2 inch. 1.416 mm 35.97	ring shear Newtons 40.566 L.B.S. 9,120 (safety factor =3)
d1 mm 37.29	Toll. d2 inch. +/-0,004 mm +/-0,1	groove yield Newtons 12.010 L.B.S. 2,700 (based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 1.468	c inch. 0.048 mm 1.22	
	Toll. c inch. +0,004 mm +0,100	
RING IN THE UNSTRESSED STATE		
d3 inch. 1.402 mm 35.61		
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 2.18		

Technical informations are indicative and can be updated.

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