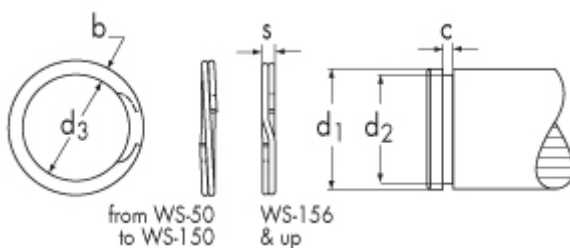


SMALLEY® SPIRAL RETAINING RINGS

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-68	24,00	1 + 20%	2 -
			1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WS-68	d2 inch. 0.656 mm 16.66	ring shear Newtons 12.232 L.B.S. 2,750
d1 mm 17.45	Toll. d2 inch. +/-0,003 mm +/-0,08	(safety factor =3)
d1 inch 0.687	c inch. 0.030 mm 0.76	groove yield Newtons 3.469 L.B.S. 780
	Toll. c inch. +0,003 mm +0,080	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 0.647 mm 16.43		
Toll. d3 inch. -0,013 mm -0,33		
b inch. 0.055 mm 1.40		
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 0.32		

Technical informations are indicative and can be updated.

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