

SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WH-50



d1=shaft diameter
d2=groove diameter
d3=external ring diameter
S=thickness

Medium duty
series
WH - for bores
(in inches)



description	Price Euro x100	% Price Change		Package
		1	2	
WH-81	20,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WH-81	d2	ring shear
d1 mm	inch. 0.843	Newton's 16.191
d1 inch	mm 21.41	L.B.S. 3,640
	Toll. d2	(safety factor =3)
	inch. +/-0,003	
	mm +/-0,08	
	c	groove yield
	inch. 0.036	Newton's 4.092
	mm 0.91	L.B.S. 920
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,003	
	mm +0,080	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.853	
	mm 21.67	
Toll. d3	inch. +0,013	
	mm +0,33	
b	inch. 0.065	
	mm 1.65	
Toll. b	inch. +0,003/-0,005	
	mm +0,08/-0,13	
s	inch. 0.031	
	mm 0.79	
Toll. s	inch. +/-0,002	
	mm +/-0,05	
Weight Kg/1000	0.61	

Technical informations are indicative and can be updated.

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