

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-146	28,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WH-146	d2	ring shear
d1 mm	inch. 1.520	Newton's 40.566
d1 inch	mm 38.61	L.B.S. 9,120
	Toll. d2	(safety factor =3)
	inch. +/-0,004	groove yield
	mm +/-0,1	Newton's 12.010
	c	L.B.S. 2,700
	inch. 0.048	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm 1.22	
	Toll. c	
	inch. +0,004	
	mm +0,100	
RING IN THE UNSTRESSED STATE		
d3	inch. 1.535	
	mm 38.99	
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	2.27	

Technical informations are indicative and can be updated.

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