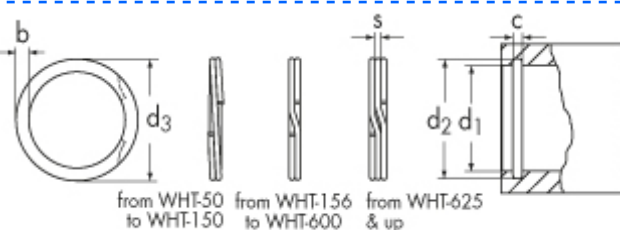


SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WHT-50



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

Medium-heavy
duty series
WHT - for bores
(in inches)



description	Price Euro x100	% Price Change		Package
		1	2	
WHT-168	52,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WHT-168	d2	ring shear
d1 mm 42.88	inch. 1.780	Newtons 61.427
d1 inch 1.688	mm 45.21	L.B.S. 13,810
	Toll. d2	(safety factor =3)
	inch. +/-0,005	
	mm +/-0,13	
	c	groove yield
	inch. 0.068	Newtons 24.420
	mm 1.73	L.B.S. 5,490
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,004	
	mm +0,100	
RING IN THE UNSTRESSED STATE		
d3	inch. 1.793	
	mm 45.54	
Toll. d3	inch. +0,020	
	mm +0,51	
b	inch. 0.118	
	mm 3.00	
Toll. b	inch. +/-0,004	
	mm +/-0,1	
s	inch. 0.062	
	mm 1.57	
Toll. s	inch. +/-0,003	
	mm +/-0,08	
Weight Kg/1000	4.75	

Technical informations are indicative and can be updated.

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