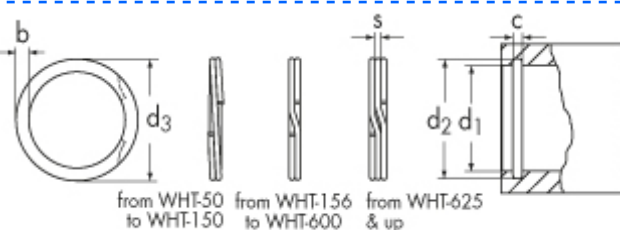


SMALLEY® SPIRAL RETAINING RINGS

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
WHT-51	16,80	+ 20%	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WHT-51	d2	ring shear
d1 mm 13.00	inch. 0.536	Newton's 11.520
d1 inch 0.512	mm 13.61	L.B.S. 2,590
	Toll. d2	(safety factor =3)
	inch. +/-0,003	
	mm +/-0,08	
	c	groove yield
	inch. 0.039	Newton's 1.913
	mm 0.99	L.B.S. 430
	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. 0.541	
	mm 13.74	
Toll. d3	inch. +0,013	
	mm +0,33	
b	inch. 0.045	
	mm 1.14	
Toll. b	inch. +/-0,004	
	mm +/-0,1	
s	inch. 0.035	
	mm 0.89	
Toll. s	inch. +/-0,002	
	mm +/-0,05	
Weight Kg/1000	0.30	

Technical informations are indicative and can be updated.

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