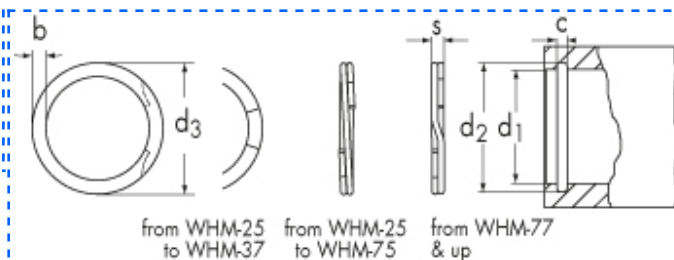


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WHM-25


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

Heavy duty series
WHM - for bores (in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
WHM-212	112,00	+ 20%	-	100

DESCRIPTION		GROOVE		THRUST CAPACITY	
WHM-212		d2	inch. 2.251	ring shear	Newton's 97.278
d1 mm	53.98		mm 57.18		L.B.S. 21,870
d1 inch	2.125	Toll. d2	inch. +/-0,006	(safety factor =3)	
			mm +/-0,15		
RING IN THE UNSTRESSED STATE		c	inch. 0.086	groove yield	Newton's 42.078
			mm 2.18		L.B.S. 9,460
		Toll. c	inch. +0,005	(based on a groove material yield strength of 310/mm and a safety factor of 2)	
			mm +0,130		
d3	inch. 2.267				
	mm 57.58				
Toll. d3	inch. +0,025				
	mm +0,64				
b	inch. 0.168				
	mm 4.27				
Toll. b	inch. +0,004/-0,006				
	mm +0,10/-0,15				
s	inch. 0.078				
	mm 1.98				
Toll. s	inch. +/-0,003				
	mm +/-0,08				
Weight Kg/1000	11.01				

Technical informations are indicative and can be updated.

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