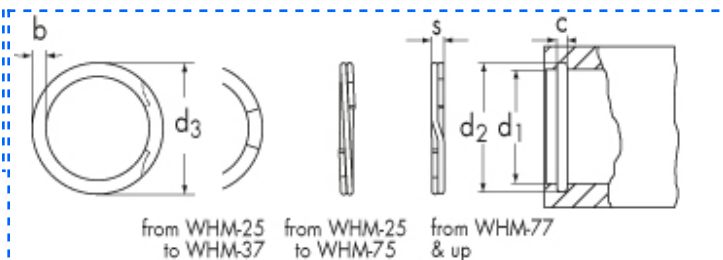


SMALLEY® SPIRAL RETAINING RINGS

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-31	15,60	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
WHM-31	d2	ring shear
d1 mm	inch. 0.330 mm 8.38	Newtons 3.114 L.B.S. 700
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,002 mm +/-0,05	groove yield
	c	Newtons 881 L.B.S. 198
	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. 0.333 mm 8.46	
Toll. d3	inch. +0,010 mm +0,25	
b	inch. 0.025 mm 0.64	
Toll. b	inch. +0,003/-0,005 mm +0,08/-0,13	
s	inch. 0.015 mm 0.38	
Toll. s	inch. +/-0,002 mm +/-0,05	
Weight Kg/1000	0.05	

Technical informations are indicative and can be updated.

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