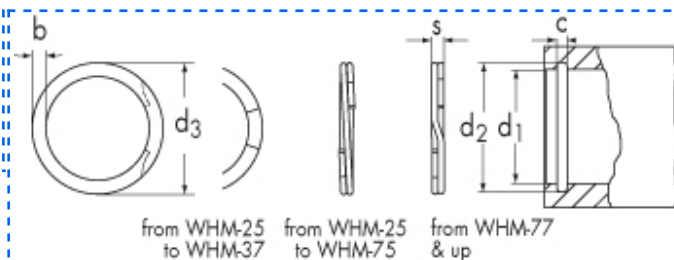


SMALLEY® SPIRAL RETAINING RINGS

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-165	61,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WHM-165	d2	ring shear
d1 mm	inch. 1.755 mm 44.58	Newtons 60.137 L.B.S. 13,520
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,005 mm +/-0,13	groove yield
	c	Newtons 26.510 L.B.S. 5,960
	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. 1.772 mm 45.01	
Toll. d3	inch. +0,020 mm +0,51	
b	inch. 0.128 mm 3.25	
Toll. b	inch. +0,003/-0,005 mm +0,08/-0,13	
s	inch. 0.062 mm 1.57	
Toll. s	inch. +/-0,003 mm +/-0,08	
Weight Kg/1000	5.16	

Technical informations are indicative and can be updated.

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