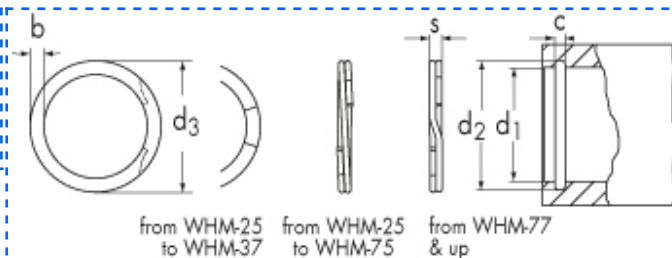


SMALLEY® SPIRAL RETAINING RINGS

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
WHM-156	61,00	1 + 20%	2 -	250

DESCRIPTION	GROOVE	THRUST CAPACITY
WHM-156	d2 inch. 1.658 mm 42.11	ring shear Newtons 56.845 L.B.S. 12,780
d1 mm 39.67	Toll. d2 inch. +/-0,005 mm +/-0,13	(safety factor =3)
d1 inch 1.562	c inch. 0.068 mm 1.73	groove yield Newtons 23.574 L.B.S. 5,300
	Toll. c inch. +0,004 mm +0,100	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 1.675 mm 42.55		
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 4.95		

Technical informations are indicative and can be updated.

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