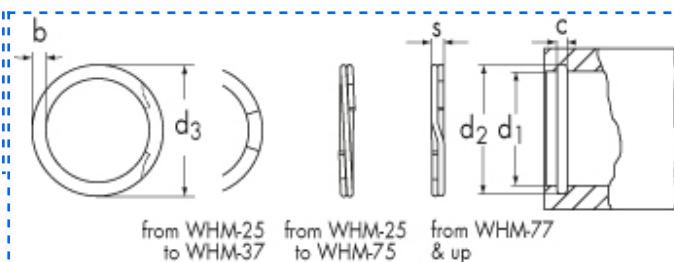


SMALLEY® SPIRAL RETAINING RINGS

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-231	130,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
WHM-231	d2	ring shear
d1 mm	inch. 2.450 mm 62.23	Newtons 105.862 L.B.S. 23,800
d1 inch	Toll. d2	(safety factor =3)
	inch. +/-0,006 mm +/-0,15	groove yield
	c	Newtons 50.173 L.B.S. 11,280
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,005 mm +0,130	
RING IN THE UNSTRESSED STATE		
d3	inch. 2.467 mm 62.66	
Toll. d3	inch. +0,025 mm +0,64	
b	inch. 0.200 mm 5.08	
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	14.12	

Technical informations are indicative and can be updated.

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