

SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped
Example of designation: FHE-0050

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

Heavy duty
series
FHE - for bores
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
FHE-0312	320,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0312	d2 inch. 3.263 mm 82.88	ring shear Newtons 142.283 L.B.S. 31,988
d1 mm 79.38	Toll. d2 inch. +0,013 mm +0,330	(safety factor =3)
d1 inch 3.125	c inch. 0.104 mm 2.64	groove yield Newtons 67.796 L.B.S. 15,242
	Toll. c inch. +0,006 mm +0,150	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 3.294 mm 83.67		
Toll. d3 inch. +0,030 mm +0,76		
b inch. 0.237 mm 6.02		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.095 mm 2.41		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 24.47		

Technical informations are indicative and can be updated.

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