

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-0137	94,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0137	d2 inch. 1.453 mm 36.91	ring shear Newtons 41.398 L.B.S. 9,307
d1 mm 34.93	Toll. d2 inch. +0,010 mm +0,250	(safety factor =3)
d1 inch 1.375	c inch. 0.063 mm 1.60	groove yield Newtons 16.862 L.B.S. 3,791
	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. 1.470 mm 37.34		
Toll. d3 inch. +0,015 mm +0,38		
b inch. 0.128 mm 3.25		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.057 mm 1.45		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 3.35		

Technical informations are indicative and can be updated.

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