

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-0118	92,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0118	d2 inch. 1.243 mm 31.57	ring shear Newtons 30.055 L.B.S. 6,757
d1 mm 30.15	Toll. d2 inch. +0,010 mm +0,250	(safety factor =3)
d1 inch 1.187	c inch. 0.051 mm 1.30	groove yield Newtons 10.448 L.B.S. 2,349
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,006 mm +0,150	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 1.252 mm 31.80		
Toll. d3 inch. +0,015 mm +0,38		
b inch. 0.094 mm 2.39		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.045 mm 1.14		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 1.66		

Technical informations are indicative and can be updated.

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