

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
FHE-0318	320,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0318	d2	ring shear
d1 mm	inch. 3.325 mm 84.46	Newton's 145.103 L.B.S. 32,622
d1 inch	Toll. d2	(safety factor =3)
	inch. +0,013 mm +0,330	groove yield
	c	Newton's 69.140 L.B.S. 15,544
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,006 mm +0,150	
RING IN THE UNSTRESSED STATE		
d3	inch. 3.357 mm 85.27	
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	25.02	

Technical informations are indicative and can be updated.

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