

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-0175	98,00	+ 20%	250

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0175	d2 inch. 1.862 mm 47.29	ring shear Newtons 61.796 L.B.S. 13,893
d1 mm 44.45	Toll. d2 inch. +0,010 mm +0,250	(safety factor =3)
d1 inch 1.750	c inch. 0.073 mm 1.85	groove yield Newtons 30.811 L.B.S. 6,927
	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. 1.885 mm 47.88		
Toll. d3 inch. +0,020 mm +0,51		
b inch. 0.158 mm 4.01		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.067 mm 1.70		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 6.42		

Technical informations are indicative and can be updated.

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