

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-0281	240,00	+ 20%	100

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0281	d2 inch. 2.930 mm 74.42	ring shear Newtons 128.031 L.B.S. 28,784
d1 mm 71.42	Toll. d2 inch. +0,012 mm +0,300	(safety factor =3)
d1 inch 2.812	c inch. 0.104 mm 2.64	groove yield Newtons 52.162 L.B.S. 11,727
	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. 2.958 mm 75.13		
Toll. d3 inch. +0,030 mm +0,76		
b inch. 0.200 mm 5.08		
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 18.56		

Technical informations are indicative and can be updated.

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