

SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: FSE-0050



Heavy duty series
FSE - for shafts
(in inches)



d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
S=thickness

description	Price Euro x100	% Price Change	Package
FSE-0112	96,00	+ 20%	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0112	d2 inch. 1.077 mm 27.36	ring shear Newtons 33.872 L.B.S. 7,615
d1 mm 28.58	Toll. d2 inch. -0,008 mm -0,200	(safety factor =3)
d1 inch 1.125	c inch. 0.063 mm 1.60	groove yield Newtons 8.491 L.B.S. 1,909
	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. 1.069 mm 27.15		
Toll. d3 inch. -0,015 mm -0,38		
b inch. 0.128 mm 3.25		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.057 mm 1.45		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 3.18		

Technical informations are indicative and can be updated.

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