

SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped
Example of designation: FSE-0050

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

Heavy duty
series
FSE - for shafts
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
FSE-0312	330,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0312	d2 inch. 2.987 mm 75.87	ring shear Newtons 142.429 L.B.S. 32,021
d1 mm 79.38	Toll. d2 inch. -0,012 mm -0,300	(safety factor =3)
d1 inch 3.125	c inch. 0.104 mm 2.64	groove yield Newtons 67.796 L.B.S. 15,242
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 2.955 mm 75.06	Toll. c inch. +0,006 mm +0,150	
Toll. d3 inch. -0,03 mm -0,76		
b inch. 0.237 mm 6.02		
Toll. b inch. +0,004/-0,006 mm +0,10/-0,15		
s inch. 0.095 mm 2.41		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 27.41		

Technical informations are indicative and can be updated.

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