

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-0175	99,00	+ 20%	-	250

DESCRIPTION		GROOVE		THRUST CAPACITY	
FSE-0175		d2	inch. 1.658 mm 42.11	ring shear	Newtons 61.796 L.B.S. 13,893
d1 mm	44.45	Toll. d2	inch. -0,01 mm -0,250	(safety factor =3)	
d1 inch	1.750	c	inch. 0.073 mm 1.85	groove yield	Newtons 25.309 L.B.S. 5,690
RING IN THE UNSTRESSED STATE		Toll. c	inch. +0,006 mm +0,150	(based on a groove material yield strength of 310/mm and a safety factor of 2)	
d3	inch. 1.640 mm 41.66				
Toll. d3	inch. -0,02 mm -0,51				
b	inch. 0.158 mm 4.01				
Toll. b	inch. +0,003/-0,005 mm +0,08/-0,13				
s	inch. 0.067 mm 1.70				
Toll. s	inch. +/-0,002 mm +/-0,05				
Weight Kg/1000	7.21				

Technical informations are indicative and can be updated.

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