

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-0087	94,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0087	d2	ring shear
d1 mm	inch. 0.831	Newton's 22.009
d1 inch	mm 21.11	L.B.S. 4,948
	Toll. d2	(safety factor =3)
	inch. -0,005	groove yield
	mm -0,130	Newton's 6.054
	c	L.B.S. 1,361
	inch. 0.051	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm 1.30	
	Toll. c	
	inch. +0,006	
	mm +0,150	
RING IN THE UNSTRESSED STATE		
d3	inch. 0.820	
	mm 20.83	
Toll. d3	inch. -0,013	
	mm -0,33	
b	inch. 0.075	
	mm 1.91	
Toll. b	inch. +0,003/-0,005	
	mm +0,08/-0,13	
s	inch. 0.045	
	mm 1.14	
Toll. s	inch. +/-0,002	
	mm +/-0,05	
Weight Kg/1000	1.11	

Technical informations are indicative and can be updated.

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