

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-0306	330,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0306	d2	ring shear
d1 mm 77.77	inch. 2.944	Newton's 139.560
d1 inch 3.062	mm 74.78	L.B.S. 31,376
	Toll. d2	(safety factor =3)
	inch. -0,012	
	mm -0,300	
	c	groove yield
	inch. 0.104	Newton's 56.801
	mm 2.64	L.B.S. 12,770
	Toll. c	(based on a groove material yield strength of 310/mm and a safety factor of 2)
	inch. +0,006	
	mm +0,150	
RING IN THE UNSTRESSED STATE		
d3	inch. 2.916	
	mm 74.07	
Toll. d3	inch. -0,03	
	mm -0,76	
b	inch. 0.200	
	mm 5.08	
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	22.57	

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350