

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
FSE-0162	99,00	+ 20%	250

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0162	d2 inch. 1.533 mm 38.94	ring shear Newtons 57.384 L.B.S. 12,901
d1 mm 41.28	Toll. d2 inch. -0,01 mm -0,250	(safety factor =3)
d1 inch 1.625	c inch. 0.073 mm 1.85	groove yield Newtons 23.503 L.B.S. 5,284
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. 1.517 mm 38.53		
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 6.70		

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