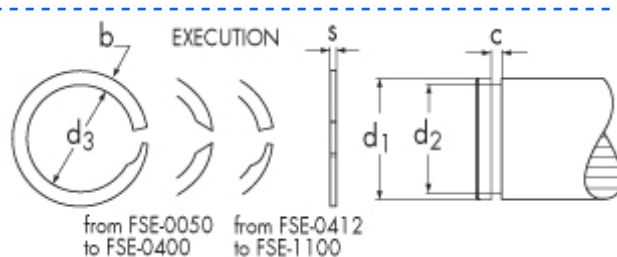


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-0181	100,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0181	d2 inch. 1.720 mm 43.69	ring shear Newtons 63.984 L.B.S. 14,385
d1 mm 46.02	Toll. d2 inch. -0,01 mm -0,250	(safety factor =3)
d1 inch 1.812	c inch. 0.073 mm 1.85	groove yield Newtons 26.208 L.B.S. 5,892
Toll. d3 inch. -0,02 mm -0,51	Toll. c inch. +0,006 mm +0,150	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 1.697 mm 43.10		
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 7.45		

Technical informations are indicative and can be updated.

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