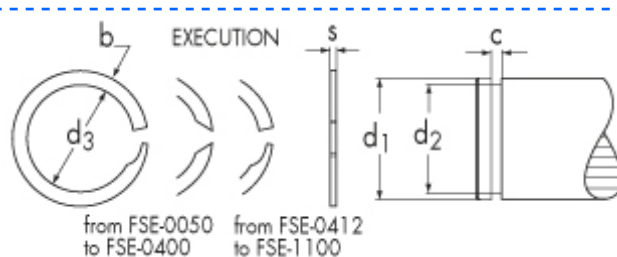


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped
Example of designation: FSE-0050

Heavy duty
series
**FSE - for shafts
(in inches)**

d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
S=thickness

description	Price Euro x100	% Price Change		Package
		1	2	
FSE-0231	170,00	+ 20%	-	100

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0231	d2 inch. 2.194 mm 55.73	ring shear Newtons 88.395 L.B.S. 19,873
d1 mm 58.72	Toll. d2 inch. -0,012 mm -0,300	(safety factor =3)
d1 inch 2.312	c inch. 0.085 mm 2.16	groove yield Newtons 42.888 L.B.S. 9,642
	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. 2.171 mm 55.14		
Toll. d3 inch. -0,025 mm -0,64		
b inch. 0.200 mm 5.08		
Toll. b inch. +0,004/-0,006 mm +0,10/-0,15		
s inch. 0.076 mm 1.93		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 13.33		

Technical informations are indicative and can be updated.

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