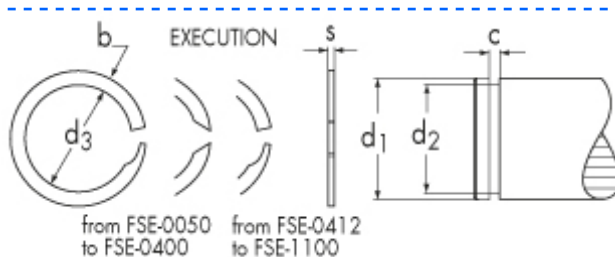


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-0050	30,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0050	d2 inch. 0.476 mm 12.09	ring shear Newtons 10.342 L.B.S. 2,325
d1 mm 12.70	Toll. d2 inch. -0,004 mm -0,100	(safety factor =3)
d1 inch 0.500	c inch. 0.043 mm 1.09	groove yield Newtons 1.886 L.B.S. 424
	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. 0.471 mm 11.96		
Toll. d3 inch. -0,013 mm -0,33		
b inch. 0.055 mm 1.40		
Toll. b inch. +0,003/-0,005 mm +0,08/-0,13		
s inch. 0.037 mm 0.94		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 0.38		

Technical informations are indicative and can be updated.

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