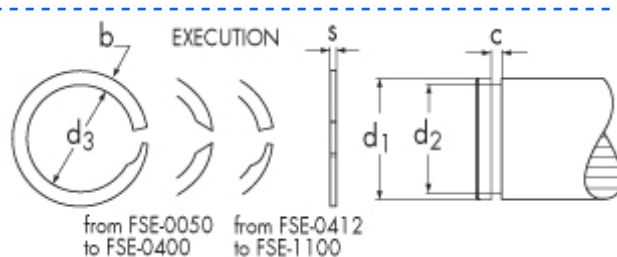


SMALLEY® SPIRAL RETAINING RINGS

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-0168	99,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0168	d2	ring shear
d1 mm 42.85	inch. 1.595	Newton's 59.572
d1 inch 1.687	mm 40.51	L.B.S. 13,393
	Toll. d2	(safety factor =3)
	inch. -0,01	
	mm -0,250	
	c	groove yield
	inch. 0.073	Newton's 24.397
	mm 1.85	L.B.S. 5,485
	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. 1.578	
	mm 40.08	
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	6.95	

Technical informations are indicative and can be updated.

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