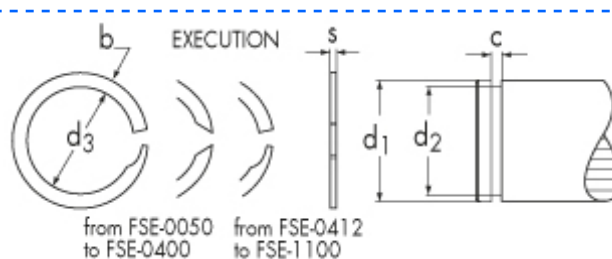


SMALLEY® SPIRAL RETAINING RINGS

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-0118	97,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FSE-0118	d2	ring shear
d1 mm 30.15	inch. 1.131	Newton's 35.740
d1 inch 1.187	mm 28.73	L.B.S. 8,035
	Toll. d2	(safety factor =3)
	inch. -0,008	
	mm -0,200	
	c	groove yield
	inch. 0.063	Newton's 10.448
	mm 1.60	L.B.S. 2,349
	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. 1.116	
	mm 28.35	
Toll. d3	inch. -0,015	
	mm -0,38	
b	inch. 0.128	
	mm 3.25	
Toll. b	inch. +0,003/-0,005	
	mm +0,08/-0,13	
s	inch. 0.057	
	mm 1.45	
Toll. s	inch. +/-0,002	
	mm +/-0,05	
Weight Kg/1000	3.31	

Technical informations are indicative and can be updated.

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