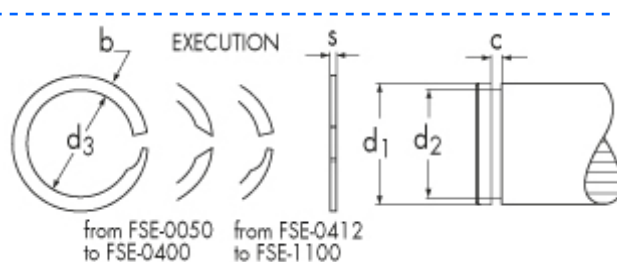


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-0331	330,00	+ 20%	-	50

DESCRIPTION		GROOVE		THRUST CAPACITY	
FSE-0331		d2	inch. 3.174 mm 80.62	ring shear	Newtons 173.863 L.B.S. 39,088
d1 mm	84.12	Toll. d2	inch. -0,014 mm -0,350	(safety factor =3)	
d1 inch	3.312	c	inch. 0.124 mm 3.15	groove yield	Newtons 71.853 L.B.S. 16,154
RING IN THE UNSTRESSED STATE		Toll. c	inch. +007 mm +0,180	(based on a groove material yield strength of 310/mm and a safety factor of 2)	
d3	inch. 3.140 mm 79.76				
Toll. d3	inch. -0,03 mm -0,76				
b	inch. 0.248 mm 6.30				
Toll. b	inch. +/-0,005 mm +/-0,13				
s	inch. 0.115 mm 2.92				
Toll. s	inch. +/-0,003 mm +/-0,08				
Weight Kg/1000	37.12				

Technical informations are indicative and can be updated.

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