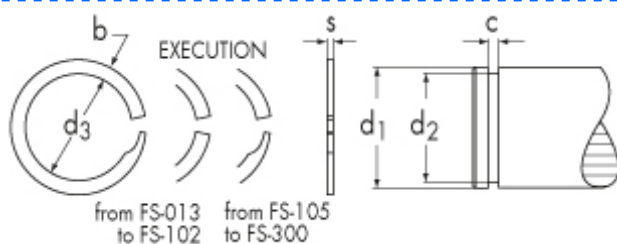


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: FS-013


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

Heavy duty series
FS - for shafts for groove DIN 471



description	Price Euro x100	% Price Change		Package
		1	2	
FS-033	93,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FS-033	d2	ring shear Newtons 39.113 (safety factor =3)
d1 mm 33.00	mm 31.30	
	Toll. d2	groove yield Newtons 13.478 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm -0,250	
	c	
	mm 1.60	
	Toll. c	
	mm +0,140	
RING IN THE UNSTRESSED STATE		
d3		
mm 31.07		
Toll. d3		
mm -0,38		
b		
mm 3.25		
Toll. b		
mm +/-0.10		
s		
mm 1.44		
Toll. s		
mm +/-0,05		
Weight Kg/1000	3.60	

Technical informations are indicative and can be updated.

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