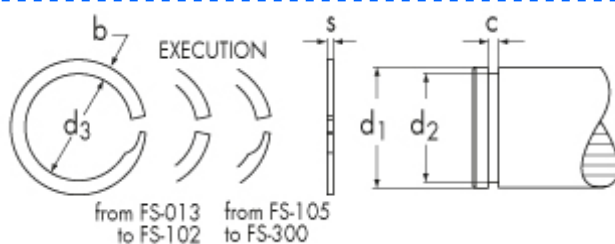


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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
FS-023	90,00	1 + 20%	2 -	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FS-023	d2	ring shear Newtons 22.939 (safety factor =3)
d1 mm 23.00	mm 22.00	
	Toll. d2	groove yield Newtons 5.698 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm -0,130	
	c	
	mm 1.30	
	Toll. c	
	mm +0,140	
RING IN THE UNSTRESSED STATE		
d3		
mm 21.77		
Toll. d3		
mm -0,33		
b		
mm 1.90		
Toll. b		
mm +/-0.10		
s		
mm 1.15		
Toll. s		
mm +/-0,05		
Weight Kg/1000		
1.16		

Technical informations are indicative and can be updated.

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