

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-021	90,00	1 + 20%	2 -	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FS-021	d2	ring shear Newtons 20.942 (safety factor =3)
d1 mm 21.00	Toll. d2 mm -0,130	groove yield Newtons 5.200 (based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 mm 19.79	c mm 1.30	
Toll. d3 mm -0,33	Toll. c mm +0,140	
b mm 1.90		
Toll. b mm +/-0.10		
s mm 1.15		
Toll. s mm +/-0,05		
Weight Kg/1000 1.06		

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350