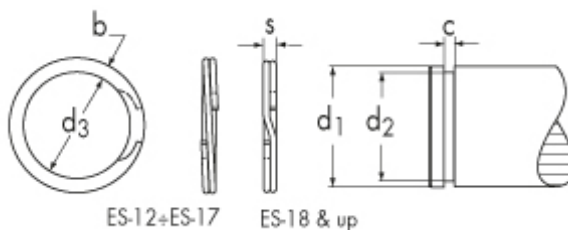


SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90
Carbon Steel

surface treatment:
Oil dipped

Example of designation: ES-6



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

Medium duty
series
ES - for shafts



description	Price Euro x100	% Price Change		Package
		1	2	
ES-17	22,00	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
ES-17	d2	ring shear Newtons 15.830 (safety factor =3)
d1 mm 17.00	mm 16.02	
	Toll. d2	groove yield Newtons 4.060 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm +/-0,075	
	c	
	mm 1.00	
	Toll. c	
	mm +0,080	
RING IN THE UNSTRESSED STATE		
d3		
mm 15.82		
Toll. d3		
mm -0,33		
b		
mm 1.40		
Toll. b		
mm +.08/-0,13		
s		
mm 0.89		
Toll. s		
mm +/-0,05		
Weight Kg/1000		
0.43		

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