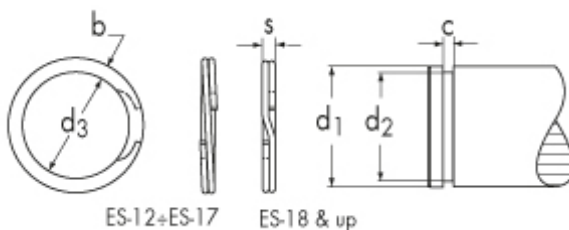


SMALLEY® SPIRAL RETAINING RINGS

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-10	17,50	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
ES-10	d2	ring shear Newtons 5.270 (safety factor =3)
d1 mm 10.00	mm 9.50	
	Toll. d2	groove yield Newtons 1.220 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm +/-0,05	
RING IN THE UNSTRESSED STATE	c	
d3	mm 0.74	
mm 9.40	Toll. c	
Toll. d3	mm +0,080	
mm -0,25		
b		
mm 0.76		
Toll. b		
mm +.08/-0,13		
s		
mm 0.64		
Toll. s		
mm +/-0,05		

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