

SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: FHE-0050



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

Heavy duty
series
FHE - for bores
(in inches)



description	Price Euro x100	% Price Change	Package
FHE-0343	360,00	+ 20%	50

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0343	d2 inch. 3.575 mm 90.81	ring shear Newtons 179.797 L.B.S. 40,422
d1 mm 87.30	Toll. d2 inch. +0,013 mm +0,330	(safety factor =3)
d1 inch 3.437	c inch. 0.124 mm 3.15	groove yield Newtons 74.562 L.B.S. 16,763
	Toll. c inch. +0,007 mm +0,180	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 3.609 mm 91.67		
Toll. d3 inch. +0,035 mm +0,89		
b inch. 0.248 mm 6.30		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.115 mm 2.92		
Toll. s inch. +/-0,003 mm +/-0,08		
Weight Kg/1000 34.58		

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