

SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: HS-37

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

**HS - for shafts
(in inches)**


description	Price Euro x100	% Price Change		Package
		1	2	
HS-175	130,00	+ 20%	-	100

DESCRIPTION	
HS-175	
d1 mm	44.45
d1 inch	1.750

RING IN THE UNSTRESSED STATE	
d3	inch. 1.677 mm 42.60
Toll. d3	inch. -0,024 mm -0,61
b	inch. 0.038 mm 0.97
Toll. b	inch. +/-0,002 mm +/-0,05
s	inch. 0.187 mm 4.75
Toll. s	inch. +/-0,005 mm +/-0,13
Weight Kg/1000	4.88

GROOVE	
d2	inch. 1.712 mm 43.48
Toll. d2	inch. +/-0,005 mm +/- 0,13
c	inch. 0.193 mm 4.90
Toll. c	inch. +0,004 mm +0,100

THRUST CAPACITY	
groove yield	Newtons 10.453 L.B.S. 2,350
(based on a groove material yield strength of 310/mm and a safety factor of 2)	

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