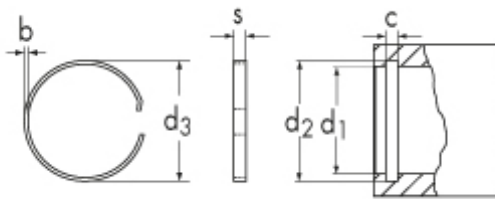


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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

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

**HH - for bores
(in inches)**


description	Price Euro x100	% Price Change		Package
		1	2	
HH-90	45,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
HH-90	d2 inch. 0.930 mm 23.62	groove yield Newtons 3.416 L.B.S. 768
d1 mm 23.01	Toll. d2 inch. +/-0,003 mm +/-0,08	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 0.906	c inch. 0.093 mm 2.36	
RING IN THE UNSTRESSED STATE	Toll. c inch. +0,003 mm +0,080	
d3 inch. 0.948 mm 24.08		
Toll. d3 inch. +0,018 mm +0,46		
b inch. 0.024 mm 0.61		
Toll. b inch. +/-0,0015 mm +/-0,04		
s inch. 0.088 mm 2.24		
Toll. s inch. +/-0,004 mm +/-0,10		
Weight Kg/1000 0.80		

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. All rights reserved. No part of this web site may be reproduced in any form without express permission.

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