

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-121	59,00	+ 20%	-	250

DESCRIPTION	
HS-121	
d1 mm	30.94
d1 inch	1.218

RING IN THE UNSTRESSED STATE	
d3	inch. 1.164 mm 29.57
Toll. d3	inch. -0,02 mm -0,51
b	inch. 0.030 mm 0.76
Toll. b	inch. +/-0,002 mm +/-0,05
s	inch. 0.118 mm 3.00
Toll. s	inch. +/-0,004 mm +/-0,10
Weight Kg/1000	1.69

GROOVE	
d2	inch. 1.188 mm 30.18
Toll. d2	inch. +/-0,004 mm +/- 0,10
c	inch. 0.123 mm 3.12
Toll. c	inch. +0,004 mm +0,100

THRUST CAPACITY	
groove yield	Newtons 5.742 L.B.S. 1,291
(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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