

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
HS-181	130,00	1 + 20%	2 -	100

DESCRIPTION	
HS-181	
d1 mm	46.02
d1 inch	1.812

RING IN THE UNSTRESSED STATE	
d3	inch. 1.739 mm 44.17
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	5.06

GROOVE	
d2	inch. 1.775 mm 45.09
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 10.826 L.B.S. 2,434
(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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