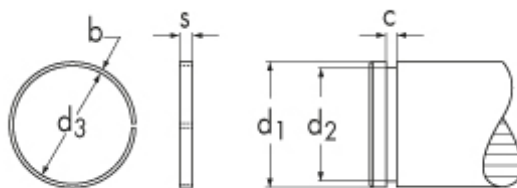


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-193	140,00	1 + 20%	2 -	50

DESCRIPTION	GROOVE	THRUST CAPACITY
HS-193	d2 inch. 1.900 mm 48.26	groove yield Newtons 11.578 L.B.S. 2,603
d1 mm 49.23	Toll. d2 inch. +/-0,005 mm +/- 0,13	(based on a groove material yield strength of 310/mm and a safety factor of 2)
d1 inch 1.938	c inch. 0.193 mm 4.90	
	Toll. c inch. +0,004 mm +0,100	
RING IN THE UNSTRESSED STATE		
d3 inch. 1.861 mm 47.27		
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 5.41		

Technical informations are indicative and can be updated.

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