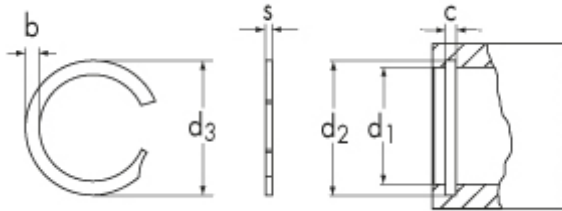


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped
Example of designation: FHE-0050

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

Heavy duty
series
FHE - for bores
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
FHE-0087	90,00	+ 20%	-	500

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0087	d2 inch. 0.915 mm 23.24	ring shear Newtons 18.094 L.B.S. 4,068
d1 mm 22.23	Toll. d2 inch. +0,005 mm +0,130	(safety factor =3)
d1 inch 0.875	c inch. 0.043 mm 1.09	groove yield Newtons 5.502 L.B.S. 1,237
	Toll. c inch. +0,006 mm +0,150	(based on a groove material yield strength of 310/mm and a safety factor of 2)
RING IN THE UNSTRESSED STATE		
d3 inch. 0.924 mm 23.47		
Toll. d3 inch. +0,013 mm +0,33		
b inch. 0.075 mm 1.91		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.037 mm 0.94		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 0.77		

Technical informations are indicative and can be updated.

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