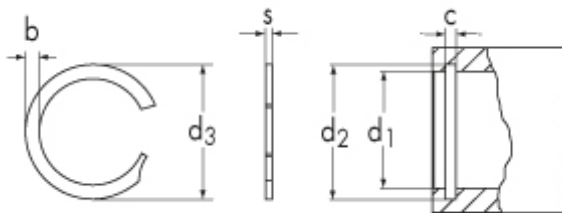


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

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-0181	98,00	+ 20%	-	250

DESCRIPTION	GROOVE	THRUST CAPACITY
FHE-0181	d2 inch. 1.924 mm 48.87	ring shear Newtons 63.984 L.B.S. 14,385
d1 mm 46.02	Toll. d2 inch. +0,010 mm +0,250	(safety factor =3)
d1 inch 1.812	c inch. 0.073 mm 1.85	groove yield Newtons 31.906 L.B.S. 7,173
	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. 1.942 mm 49.33		
Toll. d3 inch. +0,020 mm +0,51		
b inch. 0.158 mm 4.01		
Toll. b inch. +/-0,004 mm +/-0,10		
s inch. 0.067 mm 1.70		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 6.66		

Technical informations are indicative and can be updated.

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