GANDINI

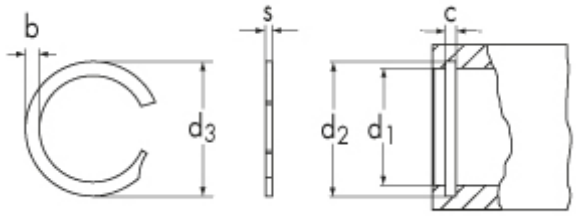
Wednesday, May 15, 2024

SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: FHE-0050



Heavy duty series
FHE - for bores (in inches)

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

description	Price Euro x100	% Price Change 1	% Price Change 2	Package
FHE-0225	**160,00**	+ 20%	-	100

DESCRIPTION	
FHE-0225	
d1 mm	57.15
d1 inch	2.250

RING IN THE UNSTRESSED STATE	
d3	inch. 2.389 mm 60.68
Toll. d3	inch. +0,025 mm +0,64
b	inch. 0.200 mm 5.08
Toll. b	inch. +/-0,005 mm +/-0,13
s	inch. 0.076 mm 1.93
Toll. s	inch. +/-0,003 mm +/-0,08
Weight Kg/1000	11.51

GROOVE	
d2	inch. 2.368 mm 60.15
Toll. d2	inch. +0,012 mm +0,300
c	inch. 0.085 mm 2.16
Toll. c	inch. +0,006 mm +0,150

THRUST CAPACITY	
ring shear	Newtons 86.024 L.B.S. 19,340
(safety factor =3)	
groove yeld	Newtons 41.740 L.B.S. 9,384
(based on a groove material yeld strength of 310/mm and a safety factor of 2)	

Technical informations are indicative and can be updated.
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