GANDINI

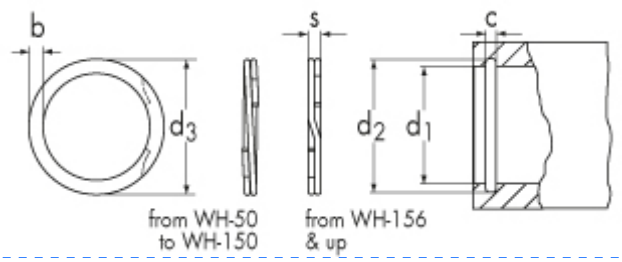
Friday, May 17, 2024

SMALLEY® SPIRAL RETAINING RINGS

SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped

Example of designation: WH-50



Medium duty series
WH - 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
WH-137	**26,00**	+ 20%	-	250

DESCRIPTION	
WH-137	
d1 mm	34.93
d1 inch	1.375

RING IN THE UNSTRESSED STATE	
d3	inch. 1.442 mm 36.63
Toll. d3	inch. +0,015 mm +0,38
b	inch. 0.095 mm 2.41
Toll. b	inch. +0,003/-0,005 mm +0,08/-0,13
s	inch. 0.043 mm 1.09
Toll. s	inch. +/-0,002 mm +/-0,05
Weight Kg/1000	2.13

GROOVE	
d2	inch. 1.427 mm 36.25
Toll. d2	inch. +/-0,004 mm +/-0,1
c	inch. 0.048 mm 1.22
Toll. c	inch. +0,004 mm +0,100

THRUST CAPACITY	
ring shear	Newtons 37.986 L.B.S. 8,540
(safety factor =3)	
groove yeld	Newtons 11.253 L.B.S. 2,530
(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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