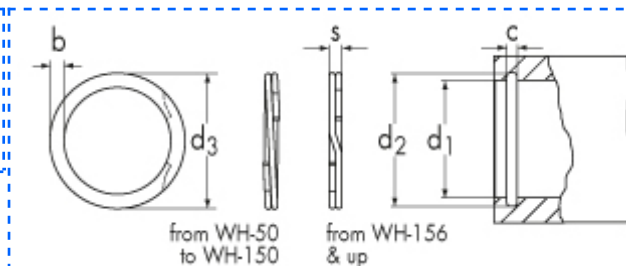


SMALLEY® SPIRAL RETAINING RINGS
SAE 1060-75 Carbon Steel

surface treatment:
Oil dipped
Example of designation: WH-50

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

Medium duty
series
WH - for bores
(in inches)


description	Price Euro x100	% Price Change		Package
		1	2	
WH-181	50,00	+ 20%	-	100

DESCRIPTION	
WH-181	
d1 mm	46.05
d1 inch	1.813

RING IN THE UNSTRESSED STATE	
d3	inch. 1.894 mm 48.11
Toll. d3	inch. +0,020 mm +0,51
b	inch. 0.118 mm 3.00
Toll. b	inch. +0,003/-0,005 mm +0,08/-0,13
s	inch. 0.049 mm 1.24
Toll. s	inch. +/-0,003 mm +/-0,08
Weight Kg/1000	3.97

GROOVE	
d2	inch. 1.875 mm 47.63
Toll. d2	inch. +/-0,005 mm +/-0,13
c	inch. 0.056 mm 1.42
Toll. c	inch. +0,004 mm +0,100

THRUST CAPACITY	
ring shear	Newtons 52.131 L.B.S. 11,720 (safety factor =3)
groove yield	Newtons 17.659 L.B.S. 3,970 (based on a groove material yield strength of 310/mm and a safety factor of 2)

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350