

GENERAL DUTY Series 107 Ground Straps



107-133 Five available materials • configurable soldered lugs

GENERAL DUTY GROUND STRAPS, SOLDERED LUGS

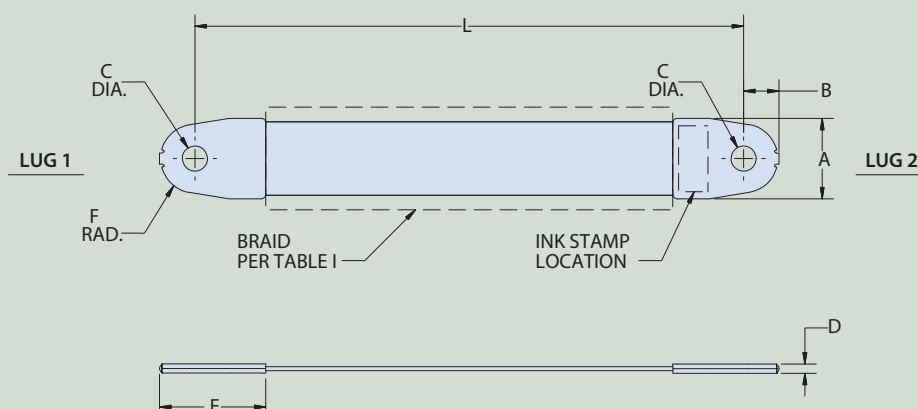


How To Order						
Sample Part Number	107-133	A	1000	E	H	-10 S
Product Series	General-duty ground strap, soldered lugs					
Braid Material Code	See Table I					
Size Code	See Table II					
Lug 1 Hole	See Table III (If specifying 2 different sizes, specify smaller hole as Lug 1)					
Lug 2 Hole	See Table III					
Length	In 1 inch increments. Measured when part is relaxed.					
Insulation	S = Insulated Sleeve Omit for none					

Table I: Braid Material	
Code	Braid Material
A	Copper / Tin Plated
B	Copper / Silver Plated
C	Copper / Nickel Plated
D	Stainless Steel
E	Nickel 200

Table II: Size Code / Dimensions						
Size Code	A	B	D	E	F	Available Lug Hole Codes
250	0.37 (9.4)	0.16 (4.1)	0.100 (2.5)	0.52 (4.0)	0.156	A
500	0.69 (17.5)	0.33 (8.4)	0.100 (2.5)	1.04 (8.0)	0.313	B – G
781	0.75 (19.1)	0.33 (8.4)	0.100 (2.5)	1.04 (8.0)	0.313	D – G
1000	0.88 (22.4)	0.39 (9.9)	0.100 (2.5)	1.17 (9.5)	0.375	E – H
1500	1.01 (25.7)	0.46 (11.7)	0.100 (2.5)	1.29 (11.1)	0.438	E – I
2000	1.29 (32.8)	0.61 (15.5)	0.100 (2.5)	1.61 (15.1)	0.594	F – K

Table III: Lug Hole Size Codes		
Lug 1 & 2 Hole Size Code	C Dia.	Stud Size (Ref.)
A	.114 / .122 (2.9 / 3.1)	#4
B	.142 / .152 (3.6 / 3.9)	#6
C	.168 / .178 (4.3 / 4.5)	#8
D	.193 / .203 (4.9 / 5.2)	#10
E	.260 / .275 (6.6 / 7.0)	1/4
F	.323 / .338 (8.2 / 8.6)	5/16
G	.385 / .400 (9.8 / 10.2)	3/8
H	.448 / .463 (11.4 / 11.8)	7/16
I	.510 / .525 (13.0 / 13.3)	1/2
J	.573 / .588 (14.6 / 14.9)	9/16
K	.635 / .650 (16.1 / 16.5)	5/8



MATERIAL/FINISH

Lugs: Copper/Electroless Nickel plate

Sleeving: Viton M23053/13, Sumitomo FE3 or SM60. Meets outgassing requirements of NASA SP-R-0022A.

Solder: 97 Tin / 3 Copper