

# STANDARD-DUTY A-A-59569 Ground Straps



## 107-086 Nickel-Plated Copper Braided Strap for Submarine Applications

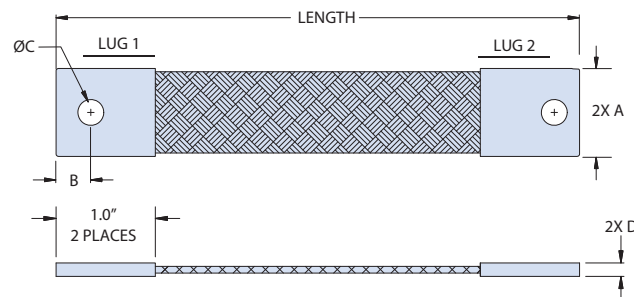


HOW TO ORDER				
Sample Part Number	107-086	-7	A	C
Product Series	Nickel-plated copper ground strap for Submarine applications			
Length Code	3 – 36, See Dimensions Table			
Lug 1 Hole	A – G, See Table. If two different sized lug holes are required, specify smaller lug hole in this location.			
Lug 2 Hole	A – G, See Table			

### GROUND STRAP FEATURES

- Materials and design in accordance with Commercial Item Description A-A-59569 for grounding bonds
- Low-profile nickel-plated copper lugs with configurable mounting hole size options
- Nickel-plated copper braid material conforms to ASTM B355

### LUG HOLE SIZE CODES / DIMENSIONS



LUG HOLE SIZE CODES		
Hole Size Code	Ø C	Stud Size (Ref.)
A	.120/.128 (.305/.325)	#4
B	.147/.152 (.373/.386)	#6
C	.172/.180 (.437/.457)	#8
D	.199/.204 (5.05/5.18)	#10
E	.257/.266 (6.53/6.76)	1/4
F	.323/.328 (8.20/8.33)	5/16
G	.386/.391 (9.80/9.93)	3/8

Length Code	A ±.050		B ±.020		D ±.030		L ±.125		Max Lug Code
	In.	mm	In.	mm	In.	mm	In.	mm	
3	.640	16.26	.218	5.54	.150	3.81	3.000	76.20	D
4	.960	24.38	.312	7.92	.090	2.29	4.000	101.60	G
5	1.000	25.40	.312	7.92	.170	4.32	5.000	127.00	G
6	1.000	25.40	.312	7.92	.170	4.32	6.000	152.40	G
7	1.000	25.40	.312	7.92	.170	4.32	7.000	177.80	G
8	1.000	25.40	.500	12.70	.180	4.57	8.000	203.20	G
12	1.000	25.40	.500	12.70	.180	4.57	12.000	304.80	G
16	1.000	25.40	.500	12.70	.180	4.57	16.000	406.40	G
24	1.000	25.40	.500	12.70	.180	4.57	24.000	609.60	G
36	1.000	25.40	.500	12.70	.180	4.57	36.000	914.40	G

### MATERIAL/FINISH

- Braid - copper / nickel plate IAW A-A-59569F
- Lugs - copper / nickel plate per AMS-QQ-N-290

### NOTES

- Lug hole sizes may differ from each other. Smaller lug hole diameter specified in "Lug 1" location in the part number. (Not applicable for RA right-angle lug configurations). Lug holes IAW AS7928
- Ground Straps identified with Glenair name, P/N, and date code, space permitting