



**WILLIAMS METALS
AND WELDING ALLOYS INC.**

www.wmwa.net

1-877-499-1544

Call us today!

sales@wmwa.net

Aluminum Seamless Bus Pipe & Conductors

Williams Metals specializes in meeting utility requirements & specifications.

6061-T6, 6063-T6 OR 6101-T6 Aluminum Bus Pipe & Conductors

SCHEDULE 40

INCHES	O.D.	I.D.	WALL	WT/FT #
1/2	.840	.622	.109	.294
3/4	1.050	.824	.113	.391
1	1.315	1.049	.133	.581
1-1/4	1.660	1.380	.140	.786
1-1/2	1.900	1.610	.145	.940
2	2.375	2.067	.154	1.264
2-1/2	2.875	2.469	.203	2.004
3	3.500	3.068	.216	2.621
3-1/2	4.000	3.548	.226	3.151
4	4.500	4.026	.237	3.733
5	5.563	5.047	.258	5.057
6	6.625	6.065	.280	6.564
8	8.625	7.981	.322	9.878

SCHEDULE 80

INCHES	O.D.	I.D.	WALL	WT/FT #
1/2	.840	.546	.147	.376
3/4	1.050	.742	.154	.510
1	1.315	.957	.179	.751
1-1/4	1.660	1.278	.191	1.037
1-1/2	1.900	1.500	.200	1.256
2	2.375	1.939	.218	1.737
2-1/2	2.875	2.323	.276	2.650
3	3.500	2.900	.300	3.547
3-1/2	4.000	3.364	.318	4.326
4	4.500	3.826	.337	5.183
5	5.563	4.813	.375	7.188
6	6.625	5.761	.432	9.884
8	8.625	7.625	.500	15.010

Stock lengths 20 LFT up to 40 LFT. May order lengths up to 50 LFT. Beveling services are available.

Applications

Substations
Electrical Utilities
Generating Stations
Switching Structures

Electrical Conductivity —At 20° C

57-58%	6101-T61
53-55%	6063-T6
42-43%	6061-T6

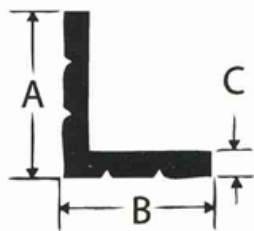
Specifications

Alloy	ASTM	Federal
6101	B 317	QQ-B-825
6063	B 241	
6061	B 241	



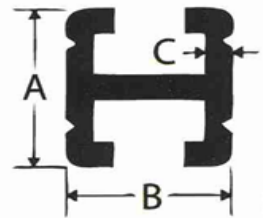
Universal Angle Bus Conductor

A	B	C	WT/FT #
3.250	3.25	.250	1.839
3.500	3.50	.250	1.986
4.00	4.00	.250	2.268
4.00	4.00	.375	3.354
4.50	4.50	.375	3.727
5.00	5.00	.375	4.324



Integral Web Bus Conductor

A	B	C	WT/FT #
4	4	.312	5.276
6	4	.375	8.11
6	5	.375	8.881
6	6	.550	13.241
7	7	.500	15.034
8	8	.500	18.105



Available with or without ventilation holes.

Aluminum Bus Bar

Full round, radius and square edges in stock.

12 foot lengths.

Limited stock in 20 foot lengths.

1/8" thru 1.25" thick, 1" thru 12" wide

*Tin Plated also available

• Birmingham, AL • Concord, NC • Garrettsville, OH • Mansfield, OH • Pittsburgh, PA • St. Louis, MO • Wayne, PA Corporate

