



**WILLIAMS METALS
AND WELDING ALLOYS INC.**

www.wmwa.net

1-877-499-1544
Call us today!
sales@wmwa.net

Specializing in Bus Conductor for Substations

Aluminum Bus Pipe—Seamless & Structural

6101, 6061, 6063
ASTM B241, B317 & B429
Stock Lengths: 20', 30', 40'
Stock Sizes Thru 8" Diameter
ANSI Schedule 40 & 80 Pipe
Beveling services available
Full line of inventory available for immediate shipment
Other special sizes and lengths produced to order



Aluminum Bus Bar

6101-T61, T63 & T65
ASTM B317
Full Round, Square, & Radius Edges available
Bare and Electro Tin Brite & Dull Finishes
Fabrication to customer drawing specifications for aluminum and copper bus bar

Universal Angle Bus Conductor (UABC) & Integral Web Bus Conductor (IWBC)

We also stock:

Copper

Bronze

Brass

Welding Filler Metals

Packaging per customer's specifications

Materials can be quoted delivered to your job site, material yard, or warehouse

Machined to print services available

- Birmingham, AL 800-633-4830
- Concord, NC 800-882-4464
- Garrettsville, OH 800-842-3762
- Mansfield, OH 888-522-5061
- Pittsburgh, PA 877-435-6543
- St. Louis, MO 314-738-0815
- Wayne, PA Corporate 888-783-3500





Copper

C101, C102, C103, C107, C110, C116, C122, C145, C147, C172, C17510, C18150, C182, C706, C715

Rod * Bar * Plate * Strip * Sheet * Pipe * Coil * Extruded Shapes * *Machined to Print Services Available*

Brass

C210, C220, C230, C260, C272, C353, C360, C385, C464, C485

Coil * Rod * Bar * Plate * Pipe * Sheet

Bronze

C314, C510, C544, C630, C655, C673, C954, C959, C863, C89835,
C932 (SAE 660), C936 (Modified SAE 64), SAE 841, SAE 863

Rod * Bar * Plate * Continuous Cast Tube * Centrifugal Cast Tube * Sand Casting

Aluminum

6061, 6063, 6101

Pipe * Angles * UABC* Bar * Rod

BAR & ROD PRODUCTS

Copper	Sizes Available
101, 110, 145, 147 Round	1/8" thru 8"
110, 107, 116 Square	1/4" thru 3"
110 Rectangular Bus	1/16" thru 2" thick, 1/2" thru 12" wide
<i>Square, Full Round, Radius *Silver Plated *Tin Plated 12 foot and 20 foot lengths</i>	
Class III Round C17510	.50" thru 5.5"
Class II Round 18150, 182	5/16" thru 4"

Brass	Sizes Available
360	
Round	1/4" thru 10"
Hex	3/16" thru 2.5"
Flat Bar	1/16" thru 2.5" thick, 1/4" thru 6" wide
464 Round	1/4" thru 6"
544 Round	3/16" thru 6"

Aluminum	Sizes Available
6101, 6061, 6063 Rectangle Bar	1/8" thru 1"
T61, 63, 65	
<i>Square, Full Round, Radius, *Tin Plated</i>	
6101, 6061, 6063 Round	.250" and Up

TUBE PRODUCTS

260	1/8" OD thru 3" OD
272	1/16" OD thru 4.25" OD
330	1/16" OD thru 4.25" OD

PIPE PRODUCTS

Copper	Sizes Available
102, 110, 715 Schedule 40 and 80 20 and 40 foot lengths	.250" thru 10"
Aluminum	Sizes Available
6063, 6061, 6101 Schedule 40 and 80	.250" thru 12"

SHEET & PLATE PRODUCTS

Copper	Sizes Available
101, 102, 103, 110, 706	.016" thru 6"
Brass	Sizes Available
210, 220	.020" thru .625"
260	.020" thru .750"
464	.250" thru 2"

COIL & STRIP PRODUCTS

Copper	Sizes Available
110	.005" thru .125"
Brass	Sizes Available
220, 230, 260	.010" thru .125"
All Tempers	

Welding Filler Metals

Stainless Steel Solid, Metal Cored Wires/Electrodes
AWS A5.4, A5.9

Stainless Steel Flux Cored Wires
AWS A5.22

Aluminum Wires/Electrodes
AWS A5.3, A5.10

Mild & Low Alloy Steel Flux Cored Wires
AWS A5.13

Carbon, Mild & Low Alloy Steel Solid, Metal Cored Wires/Electrodes
AWS A5.17, A5.18, A5.23, A5.1, A5.5

Copper & Copper Alloy Wire/Electrodes
AWS A5.6, A5.7, A5.27

Titanium & Titanium Alloy Filler Metals
AWS A5.16

Nickel Alloy Wires/Electrodes
AWS A5.11, A5.14, A5.15

Silver Brazing Filler Metals
AWS A5.8

Cobalt Alloys
AWS A5.13