

Corporate  
Wayne, PA  
888-783-3500



**Williams Metals**  
and Welding Alloys, Inc.

Mansfield, OH  
888-522-5061

REGISTERED TO ISO 9001:2000

Pittsburgh, PA  
877-435-6543

Concord, NC  
800-882-4464

Birmingham, AL  
800-633-4830

Houston, TX  
866-231-9353

Garrettsville, OH  
800-842-3762

[www.wmwa.net](http://www.wmwa.net)

FRACTIONS			DECIMALS			MILLIMETERS		
	$\frac{1}{64}$	.0156	0.396		$\frac{33}{64}$	.5156	13.096	
	$\frac{1}{32}$	.0312	0.793		$\frac{17}{32}$	.5312	13.493	
	$\frac{3}{64}$	.0468	1.190		$\frac{35}{64}$	.5468	13.890	
$\frac{1}{16}$	$\frac{5}{64}$	.0625	1.587		$\frac{37}{64}$	.5625	14.287	
	$\frac{7}{64}$	.0781	1.984		$\frac{19}{32}$	.5781	14.684	
	$\frac{9}{64}$	.0937	2.381		$\frac{39}{64}$	.5937	15.081	
$\frac{1}{8}$	$\frac{11}{64}$	.1093	2.778		$\frac{41}{64}$	.6093	15.478	
	$\frac{13}{64}$	.125	3.175		$\frac{43}{64}$	.625	15.875	
	$\frac{15}{64}$	.1406	3.571		$\frac{45}{64}$	.6406	16.271	
	$\frac{17}{64}$	.1562	3.968		$\frac{21}{32}$	.6562	16.668	
$\frac{3}{16}$	$\frac{19}{64}$	.1718	4.365		$\frac{47}{64}$	.6718	17.065	
	$\frac{21}{64}$	.1875	4.762		$\frac{49}{64}$	.6875	17.462	
	$\frac{23}{64}$	.2031	5.159		$\frac{51}{64}$	.7031	17.859	
	$\frac{25}{64}$	.2187	5.556		$\frac{23}{32}$	.7187	18.256	
	$\frac{27}{64}$	.2343	5.953		$\frac{47}{64}$	.7343	18.653	
$\frac{1}{4}$	$\frac{29}{64}$	.250	6.350		$\frac{49}{64}$	.750	19.050	
	$\frac{31}{64}$	.2656	6.746		$\frac{51}{64}$	.7656	19.446	
	$\frac{33}{64}$	.2812	7.143		$\frac{25}{32}$	.7812	19.843	
	$\frac{35}{64}$	.2968	7.540		$\frac{53}{64}$	.7968	20.240	
$\frac{5}{16}$	$\frac{37}{64}$	.3125	7.937		$\frac{55}{64}$	.8125	20.637	
	$\frac{39}{64}$	.3281	8.334		$\frac{57}{64}$	.8281	21.034	
	$\frac{41}{64}$	.3437	8.731		$\frac{27}{32}$	.8437	21.431	
	$\frac{43}{64}$	.3593	9.128		$\frac{59}{64}$	.8593	21.828	
	$\frac{45}{64}$	.375	9.525		$\frac{61}{64}$	.875	22.225	
$\frac{3}{8}$	$\frac{47}{64}$	.3906	9.921		$\frac{63}{64}$	.8906	22.621	
	$\frac{49}{64}$	.4062	10.318		$\frac{29}{32}$	.9062	23.018	
	$\frac{51}{64}$	.4218	10.715		$\frac{61}{64}$	.9218	23.415	
	$\frac{53}{64}$	.4375	11.112		$\frac{63}{64}$	.9375	23.812	
$\frac{7}{16}$	$\frac{55}{64}$	.4531	11.509		$\frac{15}{16}$	.9531	24.209	
	$\frac{57}{64}$	.4687	11.906		$\frac{31}{32}$	.9687	24.606	
	$\frac{59}{64}$	.4843	12.303		$\frac{63}{64}$	.9843	25.003	
$\frac{1}{2}$	$\frac{61}{64}$	.500	12.700		$\frac{1}{2}$	1.000	25.400	

Copper • Brass • Bronze • Aluminum • Welding Filler Metals  
Sheet • Plate • Rod • Bar • Pipe • Tube • Extrusions



# Williams Metals and Welding Alloys, Inc.

**Aluminum** 1100, 1350, 3003, 5052, 6061, 6063, 6101  
Coil \* Rod \* Bar \* Plate \* Pipe \* Angles \* UABC

**Brass** C220, C230, C260, C272, C353, C360, C385, C464, C485, C510  
Coil \* Rod \* Bar \* Plate \* Pipe \* Sheet

**Bronze** C630, 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

**Copper** C101, C102, C110, C122, C180, C172, C17510  
Coil \* Rod \* Bar \* Plate \* Strip \* Sheet \* Pipe

## BAR & ROD PRODUCTS

<i>Copper</i>	<i>Sizes Available</i>
110 Round	1/8" thru 6"
110 Square	1/4" thru 3"
110 Rectangular Bus	1/16" thru 2"
<i>Square, Full Round, Radius</i>	<i>* Silver Plated * Tin Plated</i>
Class III Round 17510	.50" thru 5.5"
Class II Round 182	5/16" thru 4"
145 Round	1/4" thru 4"
<b>Brass</b>	
360 Round	1/4" thru 10"
Hex	3/16" thru 2.5"
Flat bar	1/16" thru 2.5"
464 Round	1/4" thru 6"
544 Round	3/16" thru 6"
<b>Aluminum</b>	
<i>Sizes Available</i>	
6101, 6061 Rectangle Bar	1/8" thru 1"
T61, 63, 65	
Square, Full Round, Radius	
Tin Plated	
6101, 6061, 7075 Round	.250" and up

## COIL & STRIP PRODUCTS

<i>Copper</i>	<i>Sizes Available</i>
110	.010" thru .125"
<b>Brass</b>	
220, 230, 260	.010" thru .125"
<b>Aluminum</b>	
<i>Sizes Available</i>	
1100, 1350	.010" thru .100"
<b>SHEET &amp; PLATE PRODUCTS</b>	
<i>Copper</i>	
<i>Sizes Available</i>	
110	.016" thru 5"
<b>Brass</b>	
220	.016" thru .625"
260	.016" thru .250"
464	.375" thru 2"

## PIPE PRODUCTS

<i>Copper</i>	<i>Sizes Available</i>
102,110	.250" thru 8"
Schedule 40 and 80	
<b>Aluminum</b>	
<i>Sizes Available</i>	
6063, 6061	.250" thru 12"
Schedule 40 and 80	
20, 30, and 40 foot lengths	

## Welding Filler Metals

Stainless Steel Wires/ Electrodes  
AWS A5.4, A5.9

Stainless Steel Flux Cored Electrodes  
AWS A5.22

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

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

Carbon, Mild & Low Alloy Steel 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