



Welcome to **Triangle Alloy[®]**



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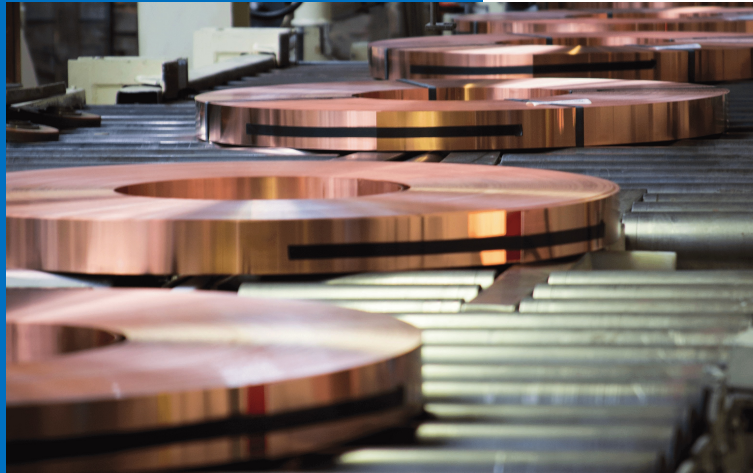
Our slogan, "Alloys for Innovation," reflects our belief in the power of innovation and technology leadership to create value for our customers while making a positive impact on the environment and society.



About Triangle Alloy[®]

Triangle Alloy[®] was founded in 2010. We provide high quality Copper and Copper Alloy Strips which including: Copper, Bronze, Beryllium Copper, High Performance Alloys, Nickel Silver, Brass, etc. We supply our products to various industries, such as: electronic, semi-conductive, etc., with good and stable quality world-widely.

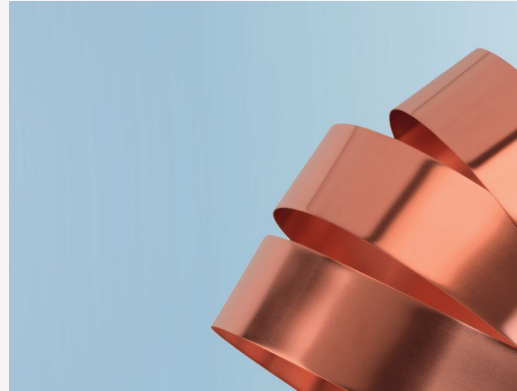
What We Do



At Triangle Alloy, our goal is to establish ourselves as a leading force in the alloy industry. We strive to deliver cutting-edge solutions while embodying the principles of sustainability. Our objective is not only to achieve business success but also to set a new standard for responsible and ethical practices within our industry.

Triangle Alloy is dedicated to innovation, sustainability, and building a better future for all!

Vision



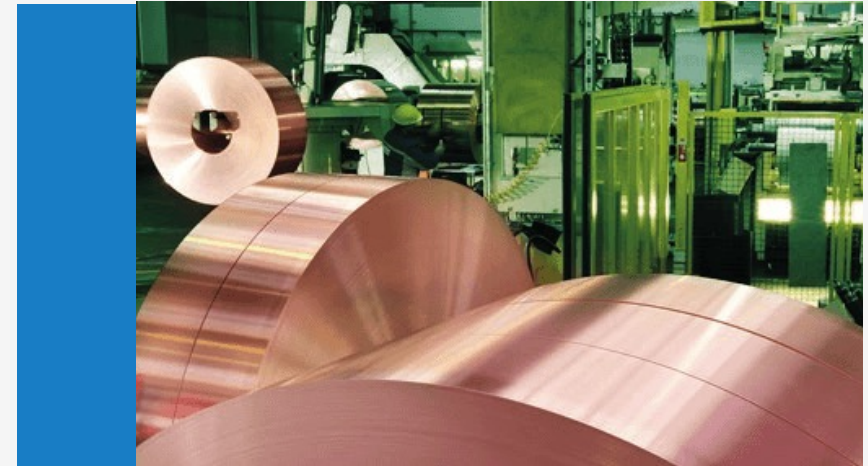
A ↓

Pioneering Sustainable
Alloy Manufacturing

B ↓

Leading Global Change in Alloy
Industry Sustainability

Triangle Alloy's vision is to elevate alloy technology to new heights and become a global leader in sustainable development. We strive to be an industry benchmark, leading the alloy manufacturing industry towards more environmentally friendly and efficient practices.



Our History

15 Years of Essential Metal Production for Progress

2010

Established with a focus on quality and service excellence in copper alloy industry.

2013

Implemented cutting-edge technologies to enhance productivity and quality.

2016

Ventured globally, forging partnerships and reaching new clients.

2019

Embraced eco-friendly practices, reducing environmental footprint significantly.

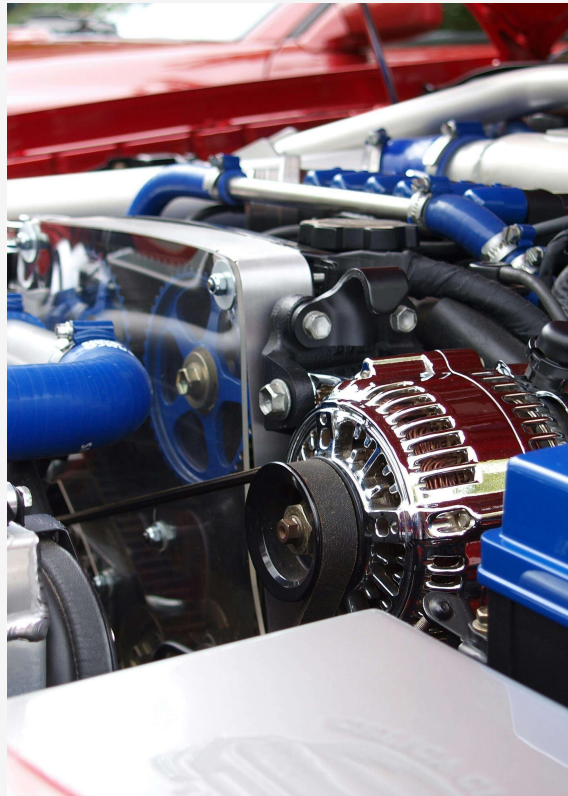
2022

Elevated service, quality, and efficiency, earning unparalleled customer trust.



Main Application

^ **Make
Doing
Business
Easier**



01

Copper Application: Electrical, Terminal, Vapor chamber, copper tape for wire and cable shielding, air cushion, water tank cover, power transformer bus-bar, badge, pot art , etc.

02

Brass Application: Stretching processing, Connector, Terminal, art, buttons, horn locks.

03

Phosphor Bronze Application: Mobile phones, NB connectors, recording heads, terminal materials, slides, switching components, telecommunications components, etc..

04

Beryllium Copper Application: Pressure sensor bellows, Burn-in and test socket contacts, Computer processor socket contacts, Electromagnetic shielding gaskets, etc.

05

High Performance Alloy Application: Automotive: Fuel Injectors, Electrical Connectors. Electrical: Circuit Breaker, Components, Contact Springs, Lead Frames, Electrical Connectors, Cable Warp, etc. Springs: Clamps, Plug Contacts, Fuse Clips, Terminal



Meet The Team



Ring
Founder



Zack
Sales Director



Lexi
Marketing Director



Kate
Purchasing Manager



Our Partner

Copper and Copper Alloy for Leading Brands



BOSCH

OMRON

BORGWARNER

CATL

Amphenol



LG Electronics



DENSO

• **A P T I V** •

HITACHI



Our Services

Triangle Alloy is a professional comprehensive supplier. We not only provide raw materials of copper and copper alloys, but also provide more services.

01

Precision Slitting

- Thickness: 0.03-5.0 mm
- Width: 3-620 mm

05

Stamping

- Material thickness: 0.04-4.0mm
- Blanking tolerance: ± 0.003 mm min

04

Electron Beam Welding

- We can weld two materials of the same thickness and different thicknesses.

03

Precision Tooling

- We can provide on-demand customized services for high speed progressive toolings.

02

Surface Treatment

- Reflow Tin, Hot Dip Tin, Bright Tin, Matte Tin.
- Selective Plating
- Gold plating, Silver plating, etc.

About Surface Treatment



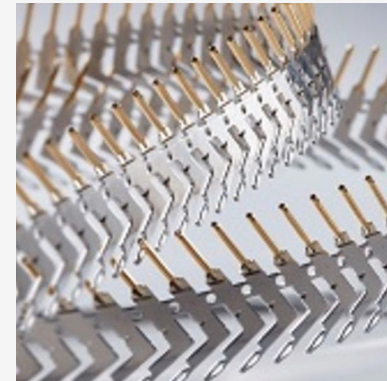
Learn more about our
company's plating services

A+

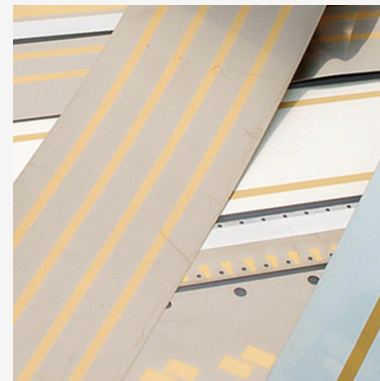
The Best Service



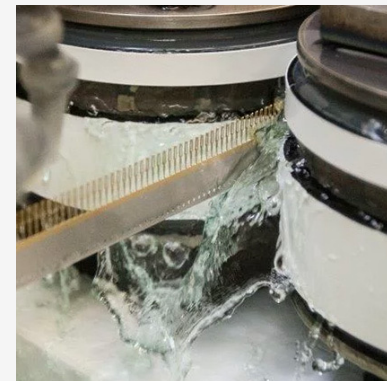
Hot Dip Tin



Reflow Tin



**Selective
Plating**



Other Plating

User Testimonials



Kristy Brooks
Marketing Director



I highly recommend this honest seller! Was a pleasure doing business with, from beginning to end.



Jason Mark
Purchasing Manager



I am very happy with the beryllium copper from the seller and I will be repurchasing it again soon.



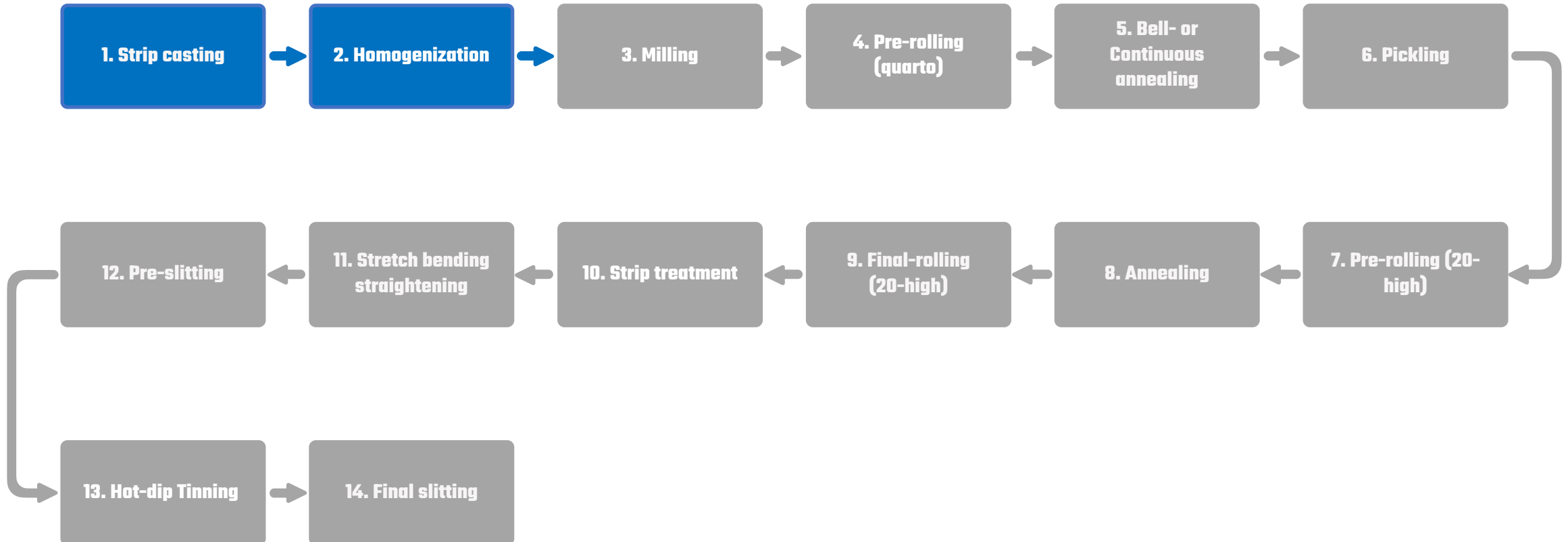
Barbara Simonds
Senior Buyer



The packaging in the wooden box is perfect, the quality is impeccable, and the most important thing is that it is in stock every time.



Production Process

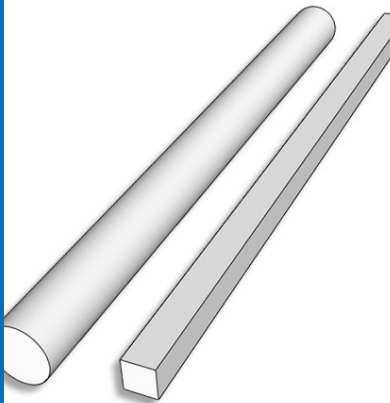




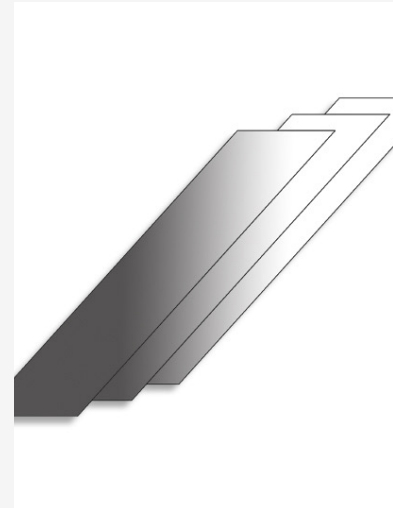
Explore Our Product Forms



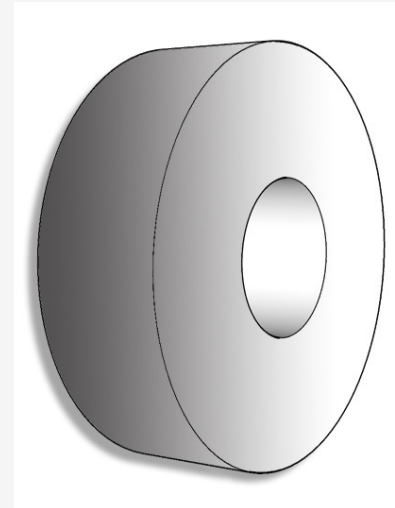
Copper Rod



Copper Sheet



Copper Strip





Rolled Product Copper Alloy Guide

DIN		EN		JIN	ASTM	ASTM Spec No.
Material Code	No.	Material Code	No.	JIS No.	UNS No.	
<i>Copper</i>						
E-Cu58	2.0065	Cu-ETP	CW004A	C1100	C11000	B152
OFE-Cu	/	Cu-OFE	CW009A	C1011	C10100	B152
OF-Cu	2.0040	Cu-OF	CW008A	C1020	C10200	B152
SE-Cu57	2.0070	Cu-HCP	CW021A	C1030	C10300	B152
SE-Cu58	2.0070	Cu-PHC	CW020A	C1030	C10300	B152
SF-Cu	2.0090	Cu-DHP	CW024A	C1220	C12200	B152
<i>Bronze</i>						
CuSn4	2.1016	CuSn4	CW450K	C5111	C51100	B103
CuSn5	/	CuSn5	CW451K	C5102	C51000	B103
CuSn6	2.1020	CuSn6	CW452K	C5191	C51900	B103
CuSn8	2.1030	CuSn8	CW453K	C5212	C52100	B103
<i>High Performance Alloy</i>						
CuFe0.1P	/	CuFe0.1P	/	C1921	C19210	B465
CuFe2P	2.1310	CuFe2P	CW107C	C1940	C19400	B465

Rolled Product Copper Alloy Guide

DIN		EN		JIN	ASTM	ASTM Spec No.
Material Code	No.	Material Code	No.	JIS No.	UNS No.	
CuSn0.15	/	CuSn0.15	CW117C	C1441	C14415	B152
CuZr	2.1580	CuZr	CW120C	C1510	C15100	B747
CuNi1Si	/	CuNi1Si	CW109C	C1901	C19010	B422
CuNi2Si	/	CuNi2Si	CW111C	/	C70260	B422
CuNi3SiMg	/	CuNi3SiMg	/	/	C70250	B422
CuNi1Co1Si	/	/	/	/	C70350	B422
CuCrZr	2.1293	CuCr1Zr	CW106C	/	C18150/C18400	/
CuCrSiTi	/	CuCrSiTi	/	/	C18070	/
CuCrAgFeTiSi	/	CuCrAgFeTiSi	/	/	C18080	B936
CuSn2Ni0.3P	/	CuSn2Ni0.3P	/	MF202*	C50710	/
CuSn2Fe0.1P	/	CuSn2Fe0.1P	/	KLF5**	C50715	/
CuNi1Sn1P	/	CuNi1Sn1P	/	NB109***	C19025	B422
CuSn1.2Ni0.8P0.07	/	CuSn1.2Ni0.8P0.07	/	CAC5**	C19040	/
<i>Beryllium Copper</i>						
CuBe2	2.1247	CuBe2	CW101C	C1720	C17200 / Alloy25	B194



Rolled Product Copper Alloy Guide

DIN		EN		JIN	ASTM	ASTM Spec No.
Material Code	No.	Material Code	No.	JIS No.	UNS No.	
/	/	/	/	/	C17410 / Alloy174	B768
CuNi2Be	2.0850	CuNi2Be	CW110C	C1751	C17510	B534
Nickel Silver						
CuNi18Zn20	2.0740	CuNi18Zn20	CW409J	C7521	C75200	B122
CuNi18Zn27	2.0742	CuNi18Zn27	CW410J	C7701	C77000	B122
Brass						
CuZn30	2.0265	CuZn30	CW505L	C2600	C26000	B36
CuZn33	2.028	CuZn33	CW506L	C2680	C26800	B36
CuZn37	2.0321	CuZn37	CW508L	C2720	C27200	B36
CuZn9Sn3	/	CuSn3Zn9	CW454K	C4250	C42500	B888
<i>*is a trademark licensed by Furukawa</i>						
<i>**is a trademark licensed by Kobelco</i>						
<i>***is a trademark licensed by Dowa</i>						

CONTACT US



WE' LL GET BACK TO YOU IN 8 HOURS. PROMISED.

Need help with Copper & copper alloy or our products? Reach out to TRIANGLEALLOY team via phone or email. We're here to assist!



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:

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