

Copper & Stainless Steel Brochure

www.insighttz.com

White Copper

01

Stainless Steel

02

Carbon Steel

03

Manganese Copper

04



Taizhou Insight

sales@insighttz.com

**Sourcing the Finest,
Just for You!**

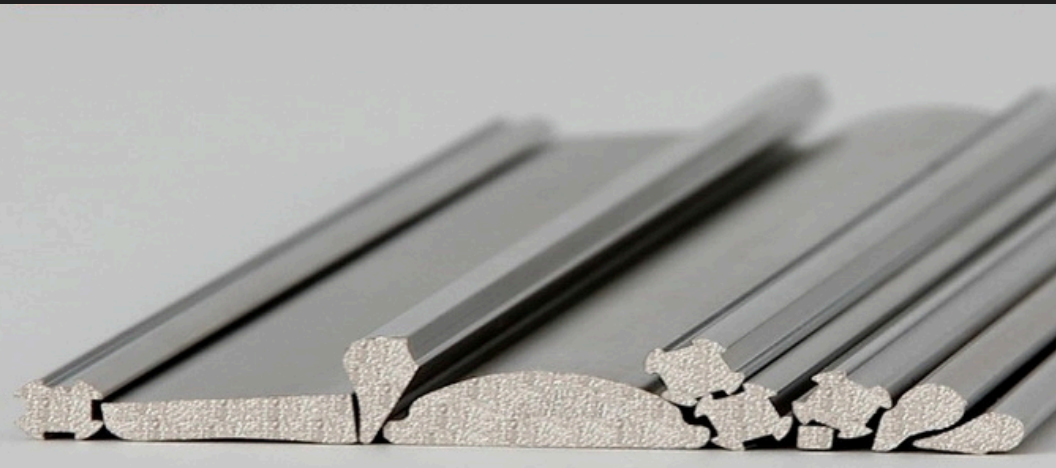
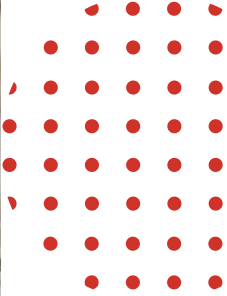
Empowering businesses by connecting them with reliable manufacturers, ensuring product quality, and fostering long-term partnerships. We strive to provide unparalleled service, from initial consultation to final delivery, ensuring our clients' success.

-Mark Picken

CEO

Copper & Stainless Steel Product Line

Welcome to our state-of-the-art cold drawing production facility, where precision meets excellence in the manufacturing of copper and stainless steel products. With advanced technology and a commitment to quality, we specialize in producing high-strength, precision-engineered profiles that meet the most demanding industry standards. Our facility is equipped to handle a wide range of sizes and custom shapes, delivering products with superior dimensional accuracy and enhanced mechanical properties. Whether for automotive, construction, or industrial applications, our cold-drawn copper and stainless steel products are designed to exceed your expectations.



Cold Drawing

Cold drawing is a metalworking process used to produce precision tubes, rods, wires, and other profiles with enhanced mechanical properties and tighter dimensional tolerances. The process involves pulling a metal workpiece through a die to reduce its cross-sectional area, shape it, and improve its surface finish—all without heating the material above its recrystallization temperature (hence "cold").

Benefits

Enhanced Mechanical Properties: Cold drawing increases the tensile strength and hardness of the metal due to work hardening.

Tighter Dimensional Tolerances: The process allows for precise control over the final dimensions, making it suitable for high-precision applications.

Improved Surface Finish: Cold drawing provides a smoother surface finish compared to hot working processes.

Custom Shapes: The process can produce complex profiles, not just round or square sections.

sales@insighttz.com

