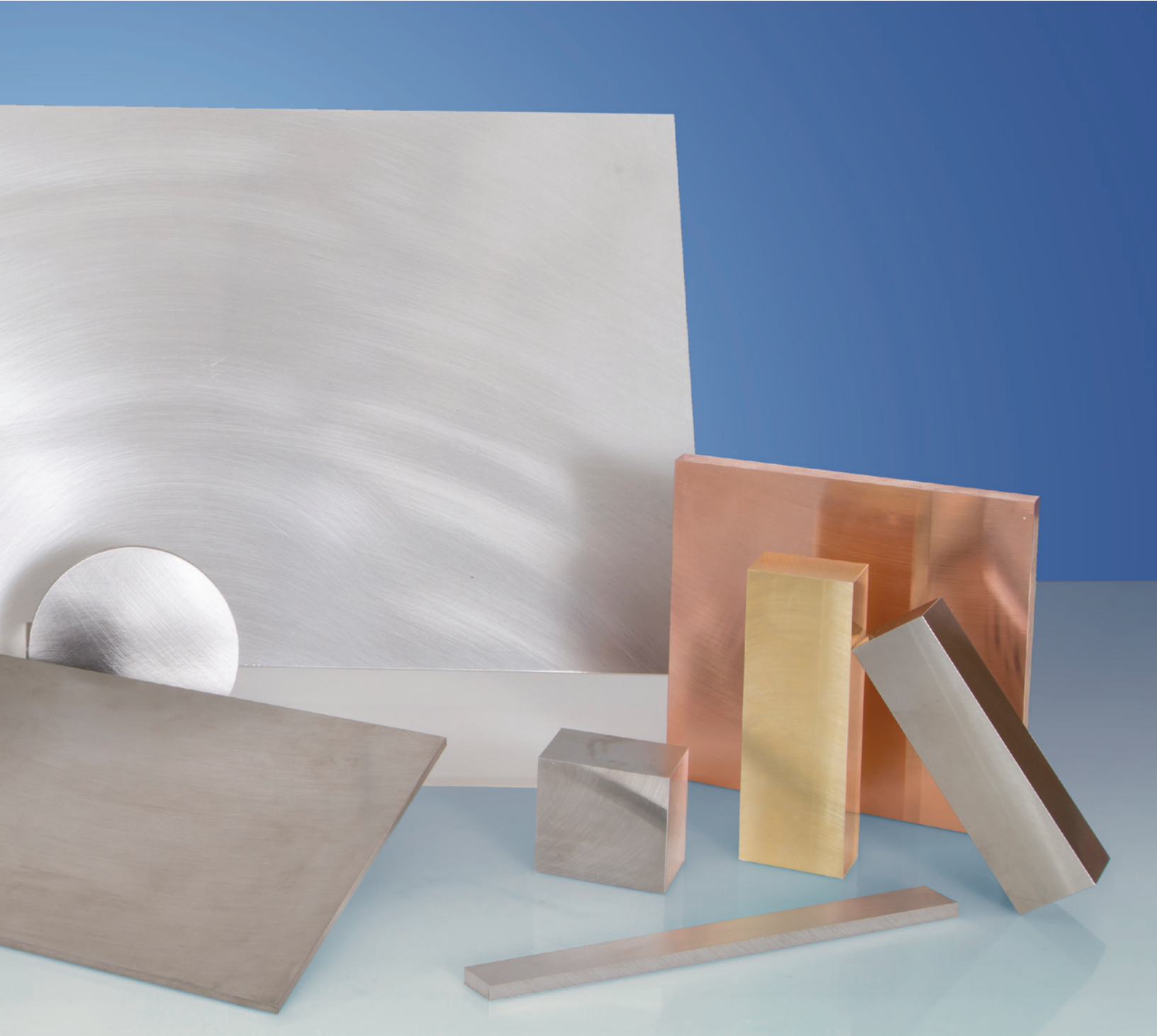


Machine-Ready Blanks



Machine-Ready Production (MRP) Guaranteed

Every Machine-Ready Blank shipped is guaranteed by TCI to be Machine-Ready for Production (MRP), which means it has been inspected and warranted to specifications, deburred, cleaned, packaged and ready for finish machining. Machine-Ready Blanks are consistent blank-to-blank making them perfect for CNC load-and-go applications.

From Receiving Dock to CNC Machine

Reduce prep and setup time with Machine-Ready Blanks. No sawing, grinding, or milling necessary. Machine-Ready Blanks are ready to go directly from your receiving dock to your CNC machining centers.

Flat, Ground Blanks Reduce Part Movement

When flat material is required, TCI Machine-Ready Blanks are ground or duplex milled from two sides at the same time, which relieves material stress, reducing part movement during the final CNC machining process.

For added productivity machining flat material, ask about our custom vacuum workholding solutions.

Close Tolerance, High Quality

Machine-Ready Blanks are produced to tolerances as close as $\pm .0005$ " dimensionally and .002" flatness, squareness and parallelism. Each blank is inspected, deburred, cleaned and individually packaged; ready to load directly into your CNC machining center upon arrival.

TCI Precision Metals

Founded in 1956, TCI Precision Metals is a third generation, family-owned, value-added metal services company producing close tolerance Machine-Ready Blanks from aluminum, stainless steel and other alloys. TCI offers fast delivery nationwide from its 105,000 square foot facility in Gardena, California.

Capabilities

- Precision Sawing
- Water Jet Cutting
- Duplex Milling
- Double-Disc Grinding
- Blanchard Grinding
- Flattening & Straightening

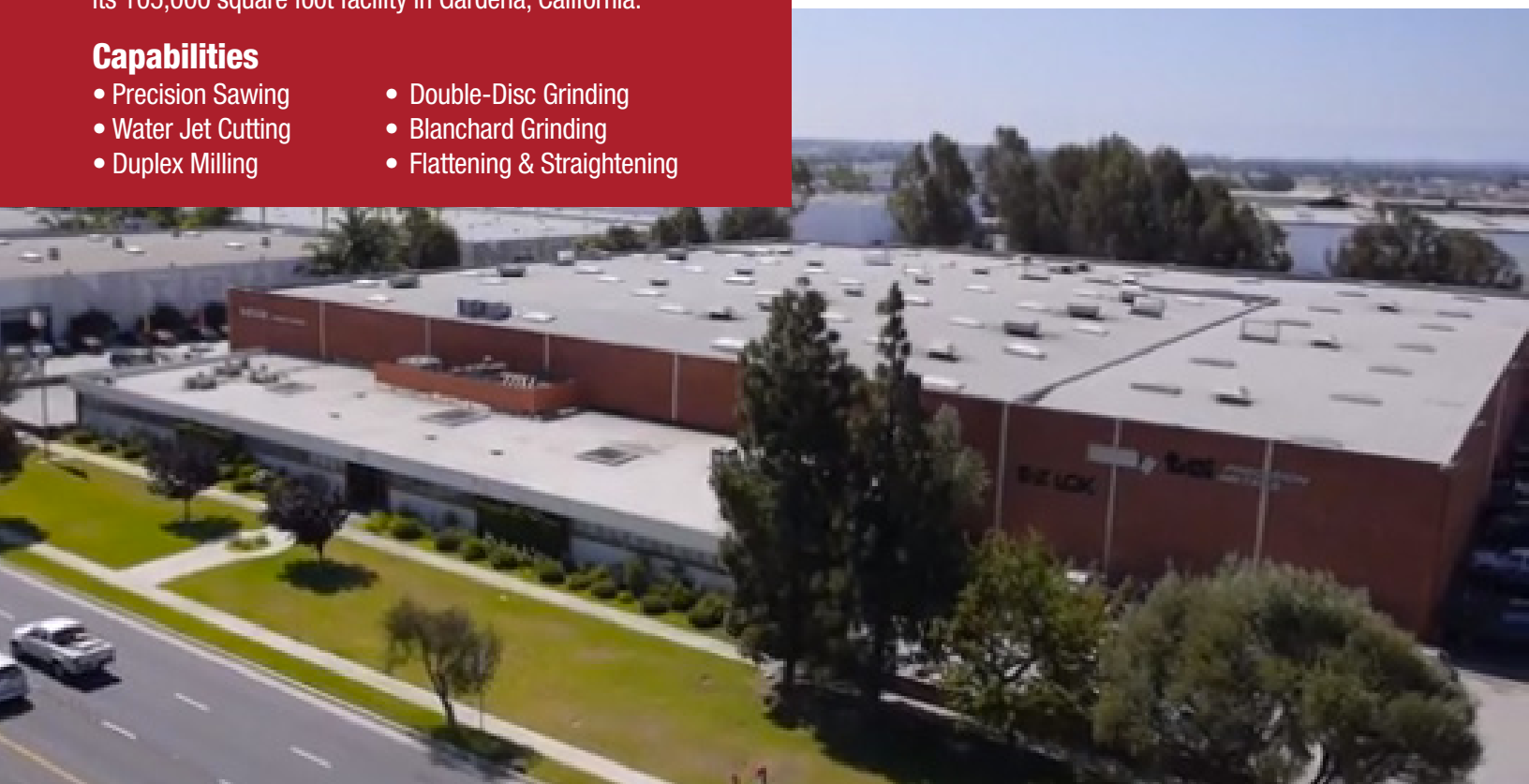


Save On:

- ⌚ **Material Prep Time**
- ⌚ **Set Up Time**
- ⌚ **Cycle Time**



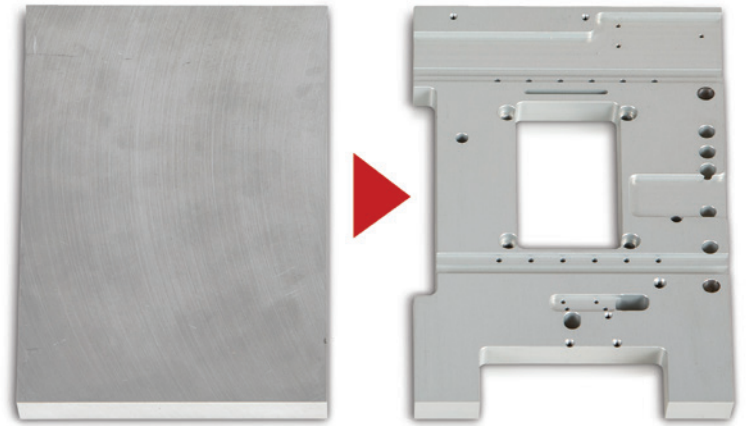
ISO 9001 & AS9100



Precision Machine-Ready Blanks

Machine-Ready Blanks eliminate material prep and reduce setup time so your operators and machines get to the high-value work of finish machining, faster. Blanks are available in various configurations, but are typically, square, rectangular or round stock milled to close tolerances.

- Made-to-order custom blanks, based on customer specifications, from one to thousands, ships all at once or just-in-time
- Ready-made standard size blanks available online, and through authorized distributors, ships same day or next day
- Just-in-time inventory management available



Machine-Ready Blanks are custom made to your net specifications

Flat Blanks are stress relieved to reduce part movement during CNC machining

Each Blank is deburred, clean and individually packaged for shipping

As close as +/- .0005" dimensionally and .002" flatness, squareness and parallelism



Order from one to thousands with quick turnaround

Wide Range of Materials

TCI is a value-added metal services provider with over 500,000 pounds of inventory available for quick turn-around on customer requirements, including 6061, 2024 and 7075 aluminum plate and sheet, 304 and 316 stainless steel plate and several other alloys. A complete list is available at www.tciprecision.com/machine-ready-blanks/materials.

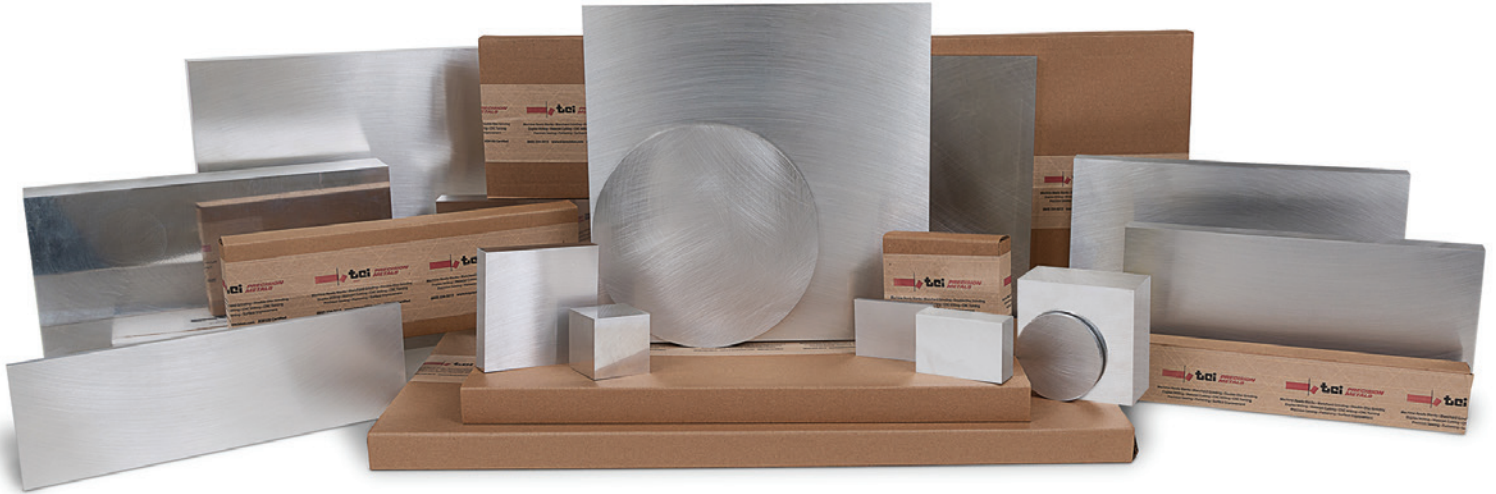
Customer-Supplied Stock

We welcome customer-furnished materials. Supply us with your aluminum, stainless steel plate or other materials, we'll take care of the sawing, grinding and milling to your specifications.

Materials Processed

- | | |
|-------------------|-----------------------------------|
| • Aluminum | • Tool Steels |
| • Stainless Steel | • Plastic |
| • Brass | • High Temp & Nickel-Based Alloys |
| • Titanium | • More... |
| • Copper | |
| • Carbon Steels | |

Standard Machine-Ready Blanks



Standard Machine-Ready Blanks are ready-made, pre-machined materials produced square, flat, and parallel, making them ready for finish machining, and eliminating the need for in-house material prep. Standard Blanks are available in low quantities in our online shop and through authorized TCI distributors in 1,700 pre-configured dimension and alloy combinations, ready to ship same day or next day.

- 1,700 dimension and alloy combinations
- Ships same day or next day

Order Online at shop.tciprecision.com

Custom Machine-Ready Blanks

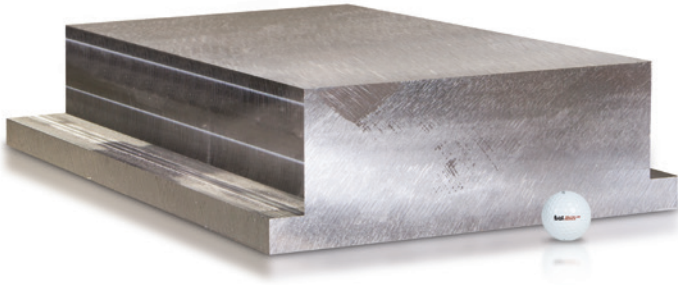


Custom Machine-Ready Blanks are made-to-order pre-machined materials produced square, flat, and parallel, making them ready for finish machining, and eliminating the need for in-house material prep. Machine-Ready Blanks are excellent for production machining applications and can be supplied all at once or in batch, just-in-time, to match production scheduling.

- Eliminate material prep
- Reduce set up time
- Shorten cycle time by 25%
- Order one to thousands

Request a Quote Online at www.tciprecision.com/rfq

Feature-Added Blanks



Feature-added Blanks are milled to the same tight tolerances as custom Blanks, but include one or more added features. A typical added feature might be milling all six sides of a rectangular Machine-Ready Blank with opposing steps, hogging out material or roughing the part to further reduce the time required for finish machining in house.

- **Added features such as holes, pockets and chamfers**
- **Hogouts**
- **Roughing**
- **Reduce finish machining time**

Vise Jaws

TCI specializes in producing aluminum and carbon steel vise jaws. We can custom produce vise jaws in many other materials upon request.

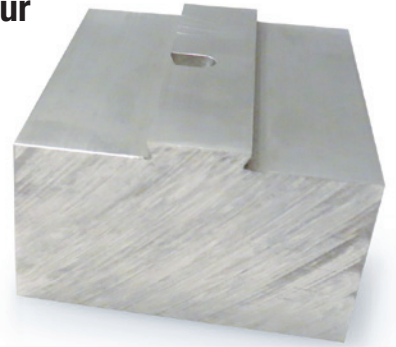
- **Aluminum or Carbon Steel**
- **Multiple sizes available**



Dovetail Blanks

Dovetail Machine-Ready Blanks are produced to customer specifications and can be ordered in quantities from one to thousands with quick turnaround. Each Blank includes a precision Dovetail feature to match the brand and model of the Dovetail workholding fixture to be used. Perfect for 4- and 5-axis work, Dovetail Machine-Ready Blanks eliminate material prep, reduce setup time and shorten cycle time, chip-to-chip.

- **Made-to-order**
- **Arrives with custom dovetail in place**
- **Ready to load into your dovetail vise**

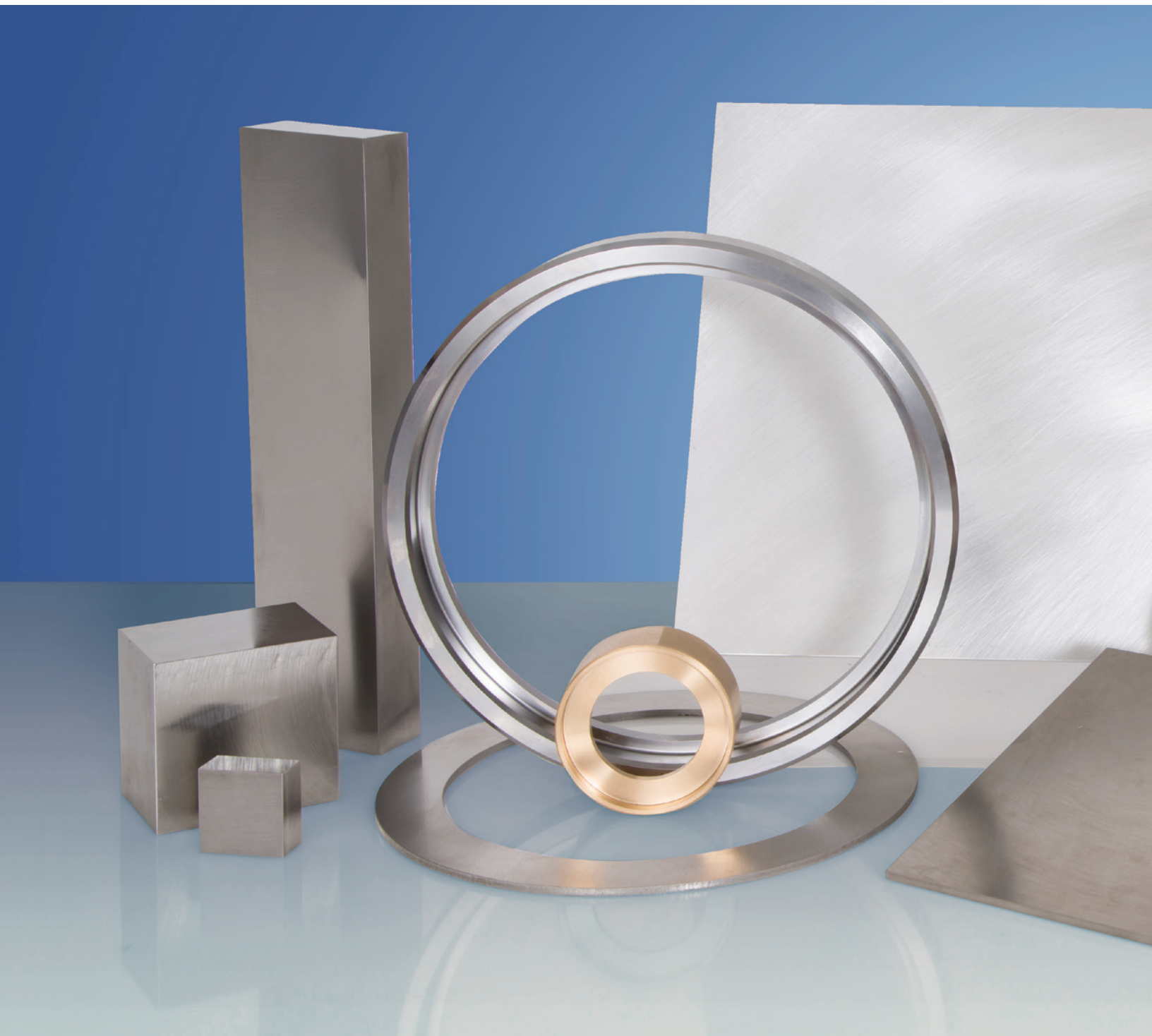


Machine-Ready Manifold Blanks



Machine-Ready Manifold Blanks are precision made, in any material, to match the outside dimensions of your finish manifold and are ready to load directly into your CNC machining center for porting.

- **Eliminate material prep**
- **Eliminate squaring**
- **Reduce set up time**
- **Reduce cycle time**



Order Today

Call a materials specialist at TCI Precision Metals to discuss your next job.



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www.tciprecision.com • sales@tciprecision.com