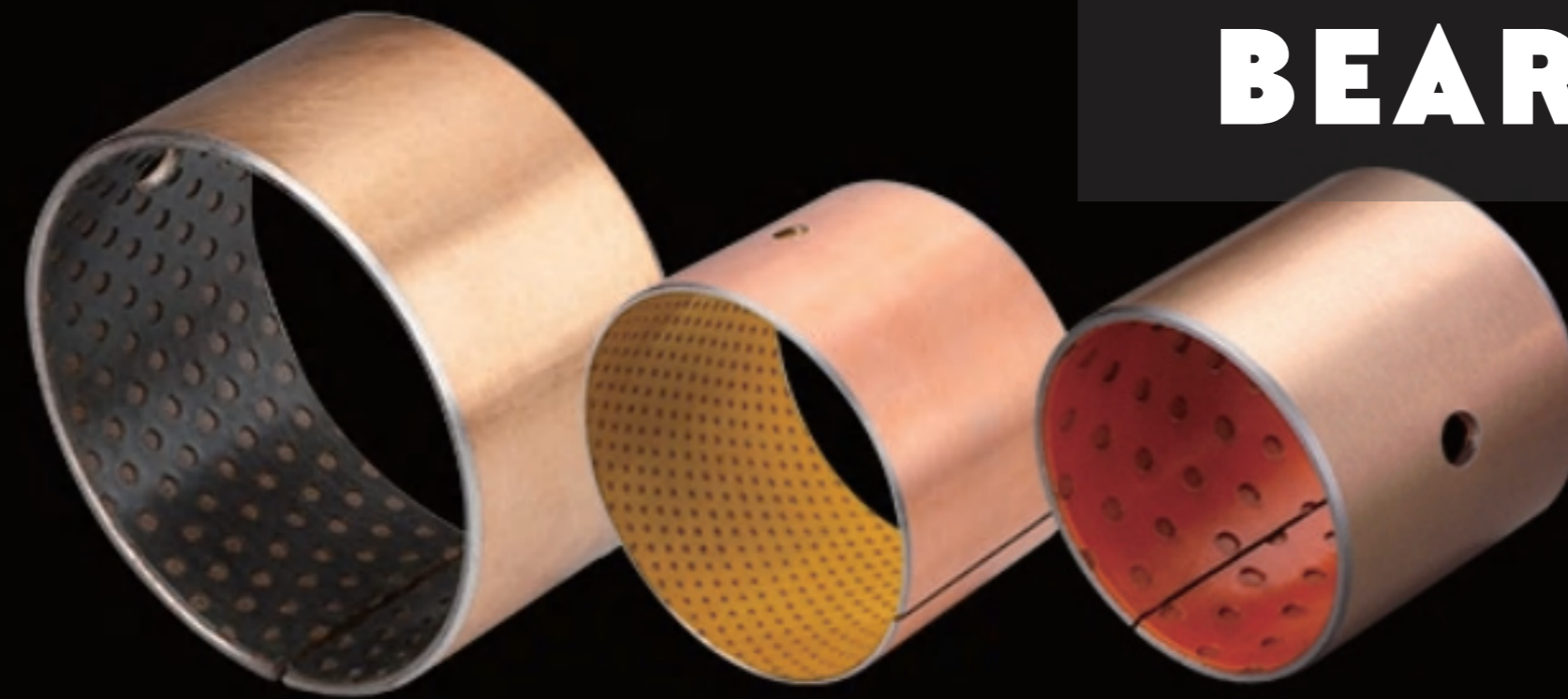


# SLIDING BEARING

material & strips

made in china

# SELF-LUBRICATING BEARINGS



HIGH PERFORMANCE BEARING SOLUTIONS

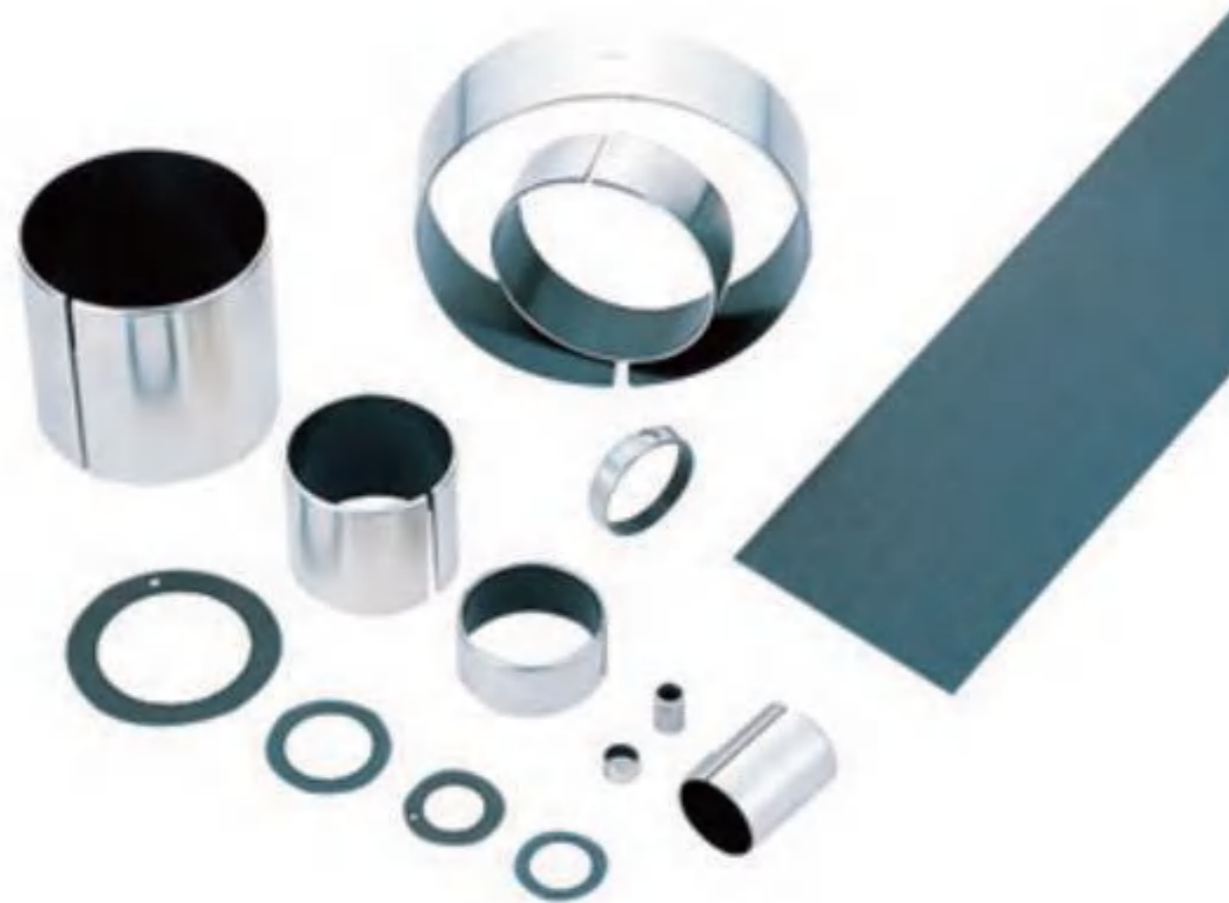
# Metal-Polymer Self-lubricating Bushing Solutions

## HIGH PERFORMANCE BEARING SOLUTION

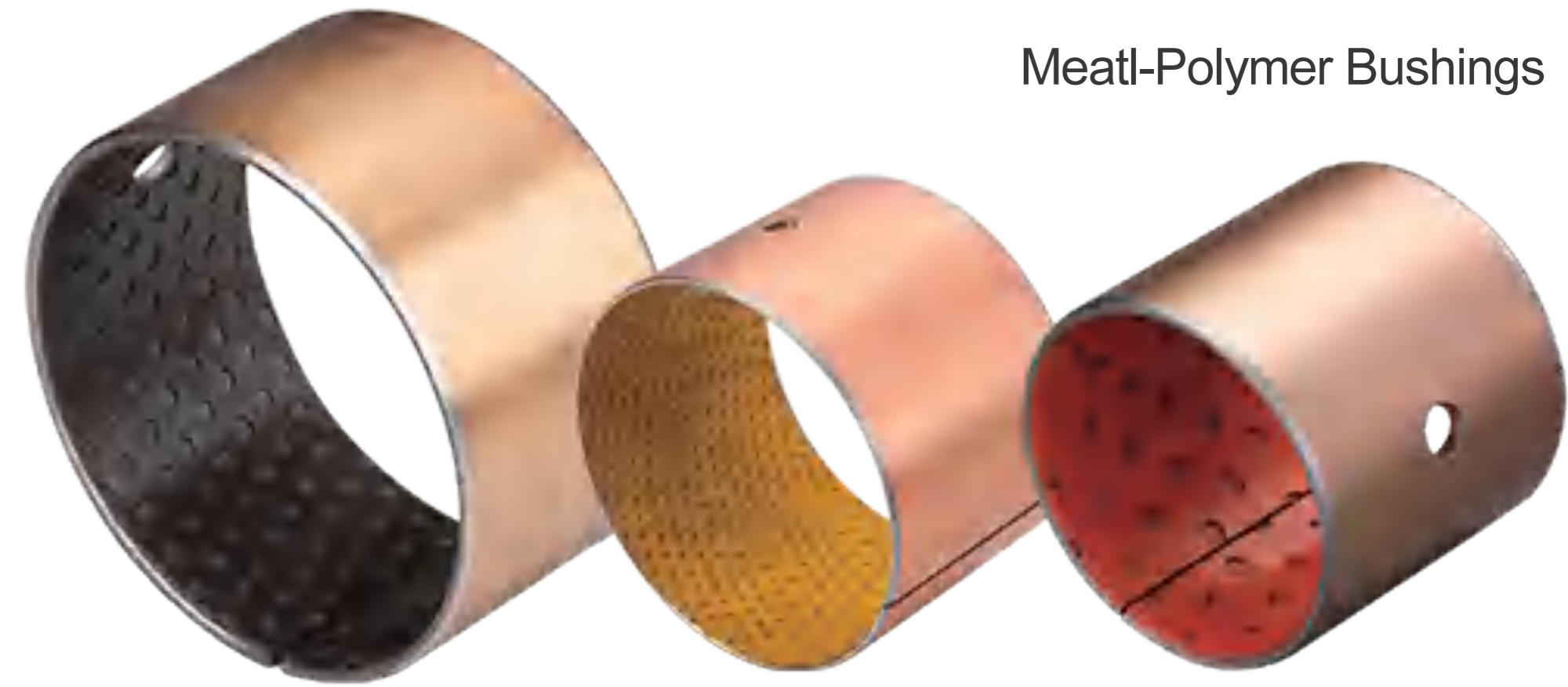
### -Polymer Coatings

The excellent low friction and high wear resistance performance of metal-polymer bushings make them ideal for hundreds of applications in numerous and diverse industries around the world.

The superior performance of metal polymer plain bushings lies in their unique composite structure: Impregnated anti-friction overlay enriched with PTFE and fillers or extruded thermoplastic tape Porous sintered bronze interlayer for high wear resistance Steel or bronze backing for high mechanical strength



## Metal-Polymer Bushings



COMPOSITE BUSHING STRUCTURE : PTFE-BASED BEARINGS AND THERMOPLASTIC BEARINGS

china manufacturer of plain bearings, offer a wide range of metal polymer bearings with PTFE/POM coating.

metal polymer bearings, composite bearing, bushing, PTFE/POM bearings

## Metal Polymer Composite Bushing - PTFE / POM

This environmentally friendly, lead-free, self-lubricating metal-polymer bearing requires no additional lubricant. It combines a low-friction polytetrafluoroethylene (PTFE) bearing surface with the strength and dimensional stability of a metal backing. Bearings less than 10mm in diameter can be produced with 0.5mm wall thickness.

### RANGE OF APPLICATION

hydraulic cylinders, cranes and construction machinery, all sorts of production machinery, pumps and medical devices



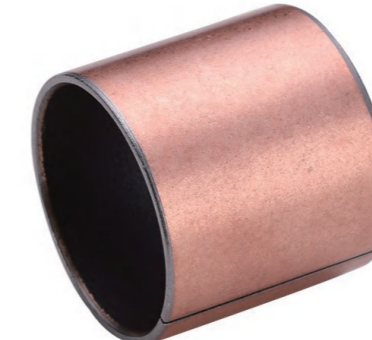
### Metal-Polymer Anti-Friction Plain Bearings

**AVAILABILITY** Bearing forms available in standard dimensions  
Cylindrical bushes  
Flanged bushes  
Thrust washers  
Flanged washers  
Sliding plates



### Metal-Polymer Plain Bearings

**Grease Lubricated**  
Metric bearings and imperial bushings made to order: standard bushing forms in special dimensions, half-bushings, special shapes obtained by stamping, bearings with locating notches, lubricant holes and machined grooves, customized bushing designs



### Metal-Polymer Low Friction Plain Bearings

**STRUCTURE & COMPOSITION**  
Metal-Polymer Composite Bushing  
Material: Steel back + Porous Bronze Sinter + PTFE + Fillers



## MATERIALS

Support material CuZn25Al5

Sliding layer Solid lubricant surface:

app. 25-30% Other commonly used

bronze alloys: C86300, C86200, C93200

## AVAILABILITY

Bearing forms made to order:

cylindrical bushes, flanged

bushes, thrust washers, sliding

plates, half-bearings, axial and

radial segment rings, self-aligning

spherical bearings, spherical plain

bearings, special shapes,

customized bearing designs

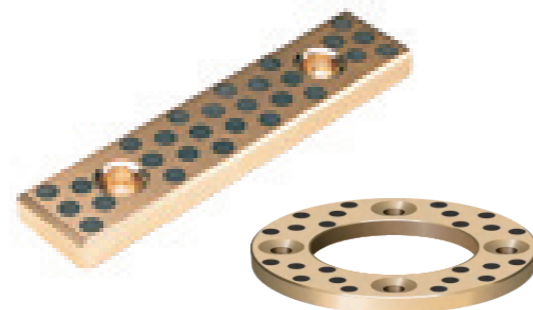
## BRONZE BEARINGS

Thick Walled Bronze Bushing &

Bearings

CYLINDRICAL BEARINGS WITH

GROOVES/ GRAPHITE



# *wiipplus*

## Solid bushing, bronze with lubricant plugs embedded

### Maintenance-free

Characteristics– Maintenance-free (self-lubricating)

– Suitable for heavy load application

s– Withstands extreme temperatures

– Long life span

RANGE OF APPLICATION

NCranes, mining machines, construction machinery, off-shore & marine applications, steel

plant, hydro power & hydro mechanical

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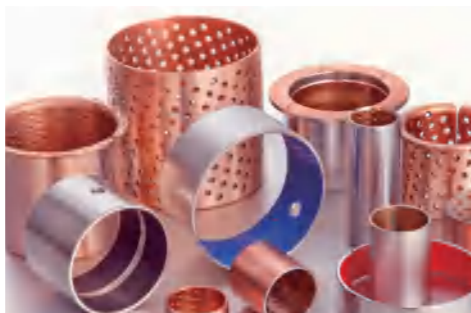
### Wrapped Bronze Bearings

MATERIALS Support  
material: CuSn8P (DIN 17662)  
alternative CuSn6P available



### RANGE OF APPLICATION

Agriculture machinery, truck cranes & construction machinery, suitable for impact loads



### MAINTENANCE

Characteristics— High load capacity— Works well in dirty environments— Wide temperature range— Easy to assemble— Grease pockets as lubrication reservoirs



### Slide bearings

We have a large selection of plain and flanged bearings for various applications.

## CUSN8/CUSN6 BRONZE BUSHINGS

### WRAPPED BUSHING

Bronze CuSn8, DIN 1494 / ISO 3547, Low-maintenance

### Characteristics

- Extra high load capacity
- Good lubrication properties
- Wide temperature range
- Easy to assemble



# METAL BUSHINGS MADE IN CHINA



## PLUG-GRAPHITE

### GRAPHITE PLUGGED CAST BRONZE

Self Lubricated for Higher Temperatures and Heavier Loads  
Shapes & forms Guide bushings, clamps, half bearings, wear plates, washers, guide plates etc.



## FLANGED BRONZE BUSH

### CUSTOM MANUFACTURING

Self lubricating flange bearings in extra durable bronze.  
Areas of use Hardware and steel fabrication, stamping dies, tooling components for the automotive industry, sheet pressing etc.



## CUSTOM BUSHING

### BRONZE BUSHINGS

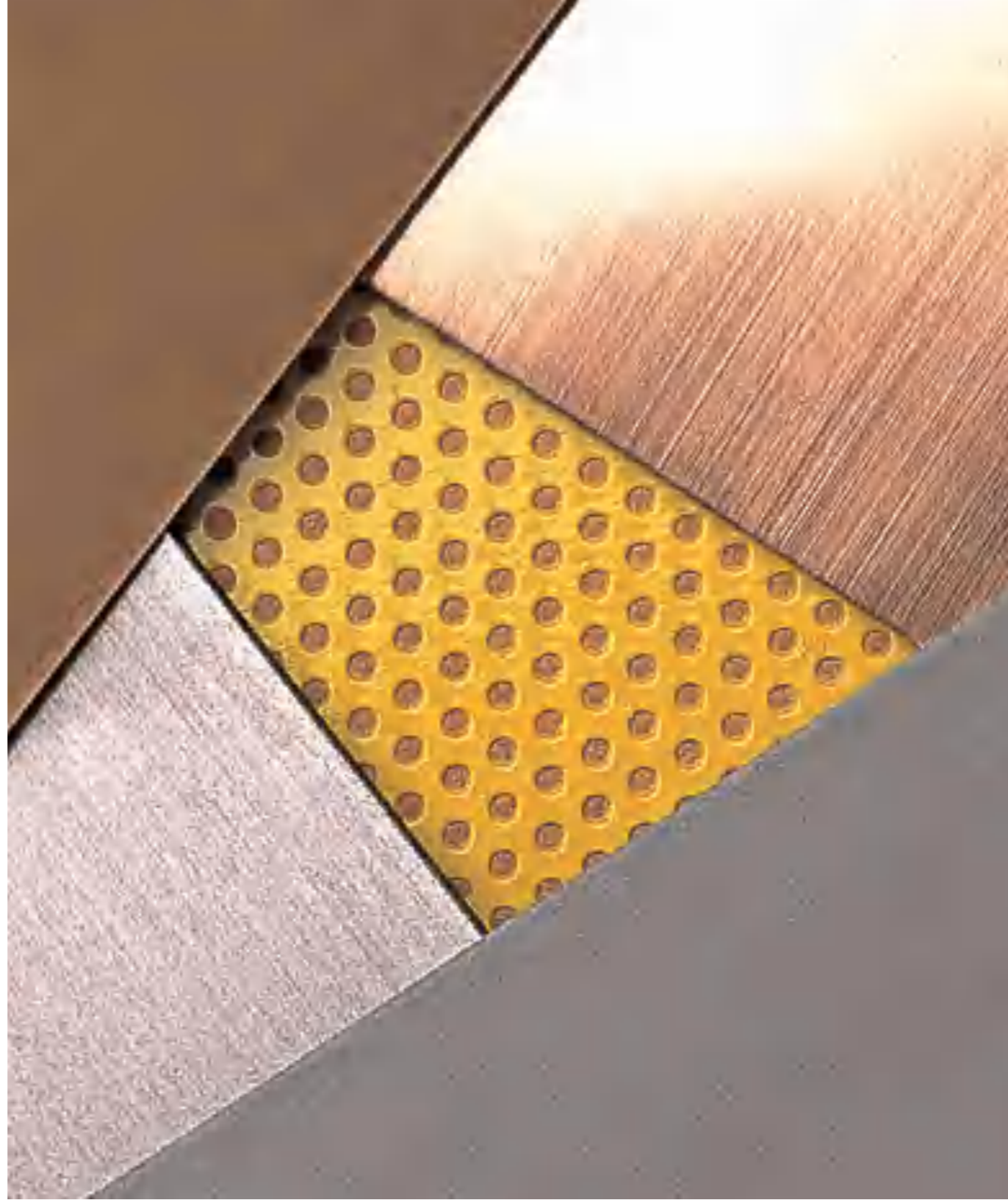
We are supplying premium bushings to mining operations. With quality and precision, you can also find our alloy and bronze bushings with the same toughness and engineered characteristics you would expect. With exceptional fit and durability on bronze groove custom bushings, expect to achieve unprecedented hours on your machine.



## MATERIAL/STRIP

Tribological Coatings

Providing design freedom for more efficient tribological surface solutions



## POLYMER COATINGS BUSHING MATERIAL

PLAIN BEARING TECHNOLOGIES

Tribological Polymer Coatings for Advanced Surface Engineering

The Tribological Solution Provider for Industrial Progress, Regardless of Shape or Material

The Highest Standards in Quality



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## CUSTOM & BUSHING MANUFACTURING

**Oil & Grease Groove Bronze  
Bushings  
Bearing Material**

- 1.) Choose your Groove Style
- 2.) Choose your Bushing Size

## OIL GROOVE CYLINDRICAL BEARINGS WITH GROOVES





# Engineered Products for Every Industry!

BEARING MATERIAL  
MADE-TO-ORDER FROM CHINA  
TIFFANY@VIIPLUS.COM



Areas of use Forest machinery, pump housing parts, cylinder bearings, shipping & container industry etc.

Shapes & forms Cylindrical bearings, flange bearings



Characteristics-  
Suitable for high loads- Multiple areas of use (universal bearing)  
- Long life  
- Wide temperature range



If you need help in selecting the best metal bushing for your particular application, please remember that design engineering and application assistance are available from VIIPLUS part of our value-added services designed to make your job easier.