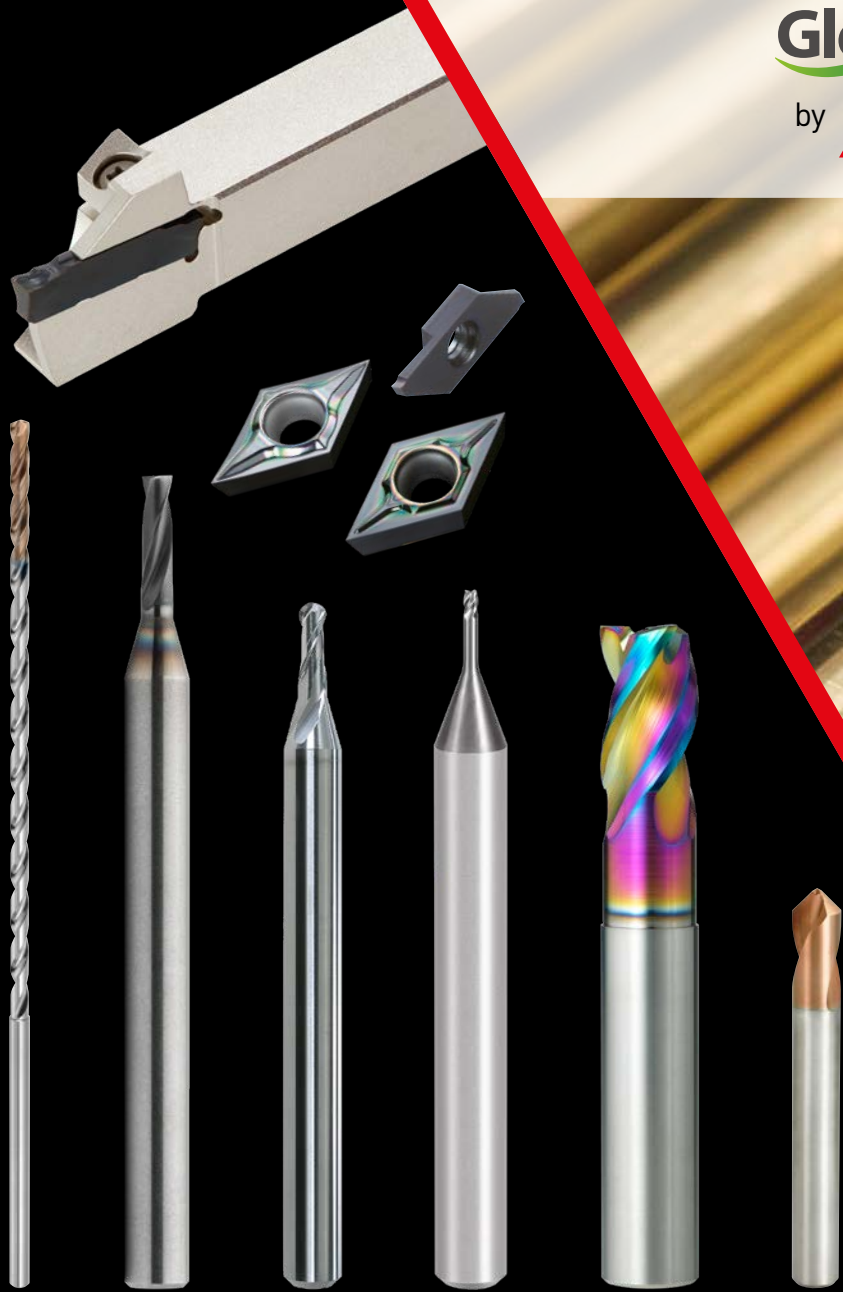


PERFECT COMBINATION

of lead (Pb) free brass and
dedicated cutting tools

GloBrass **ECO BRASS**[®]

by  **MITSUBISHI MATERIALS**



TOOLS:

DIA  **EDGE**

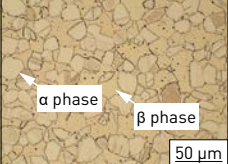
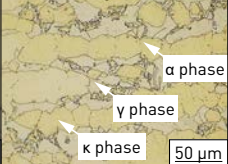
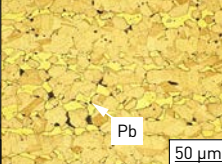

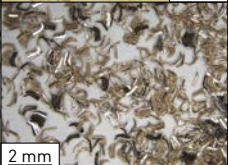

LEAD-FREE BRASS WITH EXCELLENT MACHINABILITY

MACHINABILITY



Lead-free brass alloys have been recognized as difficult to machine due to their poor chip-breakability. GloBrass and ECOBRASS make a huge step towards by improved chip breaking performance and increase the process safety and reliability of production machining.

MECHANISM OF THE MACHINABILITY

	GloBrass CuZn36Si1P/CW726	Eco Brass CuZn21Si3P/CW724R	Lead-containing brass CuZn39Pb3/CW614N
Metal structure			
Chips			

ADDED VALUE



Eco-friendly and good for cost

GloBrass is characterised by an excellent cost effectiveness and good electrical conductivity. ECO BRASS is characterised by an excellent corrosion resistance and has already achieved more than 400.000 tons of sales globally.



DIVERSE APPLICATIONS



Electric components

For electrical connectors due to its better electrical conductivity and good machinability. Conforms to RoHS and ELV directives.



Automotive components

Due to its better electrical and thermal conductivity with sufficient corrosion resistance, it can be used for a variety of automotive parts such as electrical connectors and temperature sensors. Conforms to RoHS and ELV directive.



Sanitary wares

For sanitary applications, including drinking water installations. As it is lead (Pb) -free brass, there is no leaching of lead, which is harmful to the human body. It also has excellent forgeability and machinability, which is necessary for complex parts.

Applications

- Coaxial RF Connector
- Adapter
- Terminal



Applications

- Temperature sensor
- On-board connector



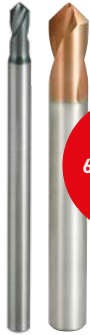
Applications

- Sanitary joint
- Faucet
- Housing



CUTTING SOLUTIONS

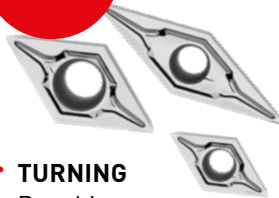
APPLICATION EXAMPLES



60° - 145°

**CHAMFER
DRILLING / MILLING**

Sharp
Cutting Edge



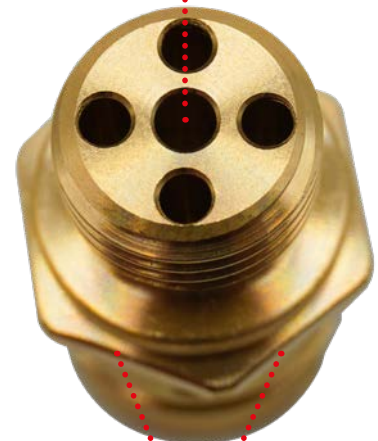
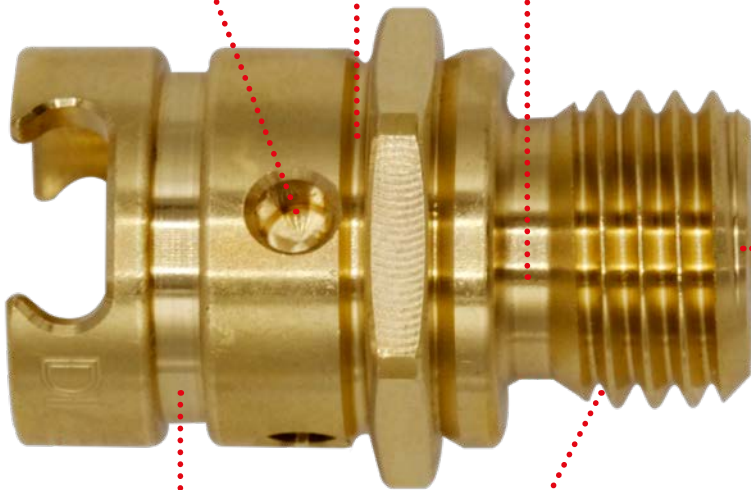
TURNING

Roughing
Finishing
Copying and Profiling



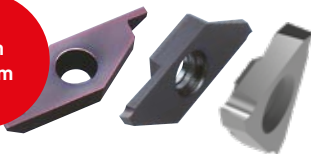
With
internal
coolant

**SMALL AND DEEP
HOLE DRILLING**



SHALLOW GROOVING

From
0.3 mm



THREADING

Shank sizes
from
7 x 7 mm



CUT OFF

Large
choice of
holder
types



HEXAGONAL MILLING

DLC-
Coating also
available



Interested in more...



www.mhg-mediastore.net

CONTACT FOR MATERIAL REQUESTS

GLOBAL

MITSUBISHI MATERIALS CORPORATION
Advanced Product Company
Environment Product Sales Group
Email: pb-free-brass@mmchg.de



Copper & Copper Alloy Business
Eco-friendly copper products

CONTACT FOR TOOLING REQUESTS

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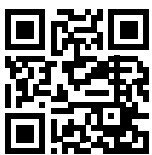
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