

Copper alloy sheets and plates





Product variants

	Sheets in standard format		Sheets in extra wide format		Hot rolled plates
	These sheets are cut to length from cold rolled strip material in various tempers.		For selected alloys, sheets can be supplied in extra wide format, which is produced by additional cross rolling. The material can be produced in various tempers.		These plates are produced by hot rolling. In this condition machining brass is particularly suitable for large-volume machining applications.
Alloys	Gilding brass, brass, machining brass, bronze, nickel-silver, high performance alloys		Gilding brass, brass, machining brass, bronze, nickel-silver		Gilding brass, brass, machining brass, bronze, nickel-silver, high performance alloys
Max. length	3,000 mm		5,500 mm	5,500 mm	6,000 mm
Max. width	800 mm		1,250 mm	1,600 mm	825 mm
Thickness	0.3–3 mm		1–10 mm	2–6 mm	10–170 mm

Other special alloys and formats are available on request. Please feel free to contact our sales department.

Standard surfaces

- Rolled surface
- Milled surface
- Polished surface
- Brushed surface
- Surface coating with foil in 50 µm thickness

Properties

The standard DIN EN 1652 „Copper and copper alloys - Plates, sheets, strips, strips and circular blanks for general use“ describes the following properties:

- Definition of sheet, plate and circular blanks,
- Chemical composition,
- Mechanical properties,
- Tolerances for thickness, width and length,
- Tolerances for the diameter of circular blanks.

The properties of sheets in standard and extra wide format as well as hot rolled plates correspond to standard DIN EN 1652.

Special quality grades

Engraving quality grade

This quality grade has particularly good flatness and low tension. This prevents distortion after mechanical processing. In addition, sawed edges ensure optimum conditions for further processes.

Available as: Hot rolled plates, sheets in standard and extra wide formats

Circular blank quality grade

The material is manufactured with a special focus on surface quality. These sheets are mainly offered in the form of circular blanks. Usually these discs are used for the production of drum cymbals or gongs.

Available as: Standard format sheets or cut as a circular blank in thicknesses from 0.3 mm – 2.5 mm and diameters between 200 and 1,200 mm.

Architectural sheet quality grade

For decorative applications, surface quality and flatness must be perfect. Our architectural sheet quality meets these requirements. We will be happy to assist you right from the planning phase. Further information can be found on our website.

Available as: Standard and extra wide format sheets

Caul plate quality grade

Caul plates are used as forming material for the production of very thin plastic components such as rear windows in the automotive industry or ski goggle windows. Since the surface roughness of the sheets is transferred to these components, specially polished surface qualities are offered for this purpose.

Available as: Standard and extra wide format sheets



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Wieland-Werke AG | Graf-Arco-Straße 36 | 89079 Ulm | Germany
info@wieland.com | www.wieland.com