

ZOLLERN

Solid metals. Fine solutions.

Casting and Forging

Forging
Production
overview

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ZOLLERN-worldwide



ZOLLERN-Products



ZOLLERN

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Dimensions

(not always possible in combination)

// Round bar



Diameter Ø 28 - 450 mm

length max. 12.000 mm

// Square



Lateral length max. 400 mm

length max. 4.000 mm

// Rectangle



Width max. 1.100 mm

Height min. 20 mm

length max. 12.000 mm

// Bush



Outer diameter max. 550 mm

Wall thickness min. 35 mm

length max. 1.500 mm

// Ring



Outer diameter 1.600 mm

On request up to Ø 2.500 mm

Height max. 750 mm

Weight max. 3.000 kg

// Disc



Outer diameter max. 1.600 mm

Weight max. 3.000 kg

// Drop forged part



max. 20 kg

Production overview

- Foundry
- Drop forging
- Testing & analysis
- Heat treatment
- Hydraulic forging press
- Mechanical properties testing
- NDT - PT, UT, VT
- Ring mill
- Mechanical machining

Alloys

(exemplary)

	ZOLLERN	BS, other	DEF-STAN; EN	ASTM
Cu	OF-Cu	C110	CW009A	C10100
	SE-Cu	C103	CW021A	C10300
CuCr1Zr CuCr1	CCZr	CC102	CW106C	C18150
	CC Zr 04	-	CW105C	C18200
Cu-Al	EBZ-DGS	CA104	02-833/ 02-879	-
	C63000	-	-	C63000
	C63200	-	-	C63200
	EBZ-HF	BS2B23	CW307G	-
CuZn	CuZn39Sn1	CZ112	CW719R	C46400
CuNi	NB 10	CN102	02-779/ 02-879	C70600
	NB 30	CN107	02-780/ 02-879	C71500
	NB 1	2.1504	-	-
	NB 5	-	02-835	C72420
	CuNi2Si	-	CW111C	C18000 C64700
	NSB 5	BS3B 25 D.T.D. 197 A	-	-

Standards: EN 12420, ASTM, BS, DEF STAN, WL