FORMING. FINISHING. REFINING.

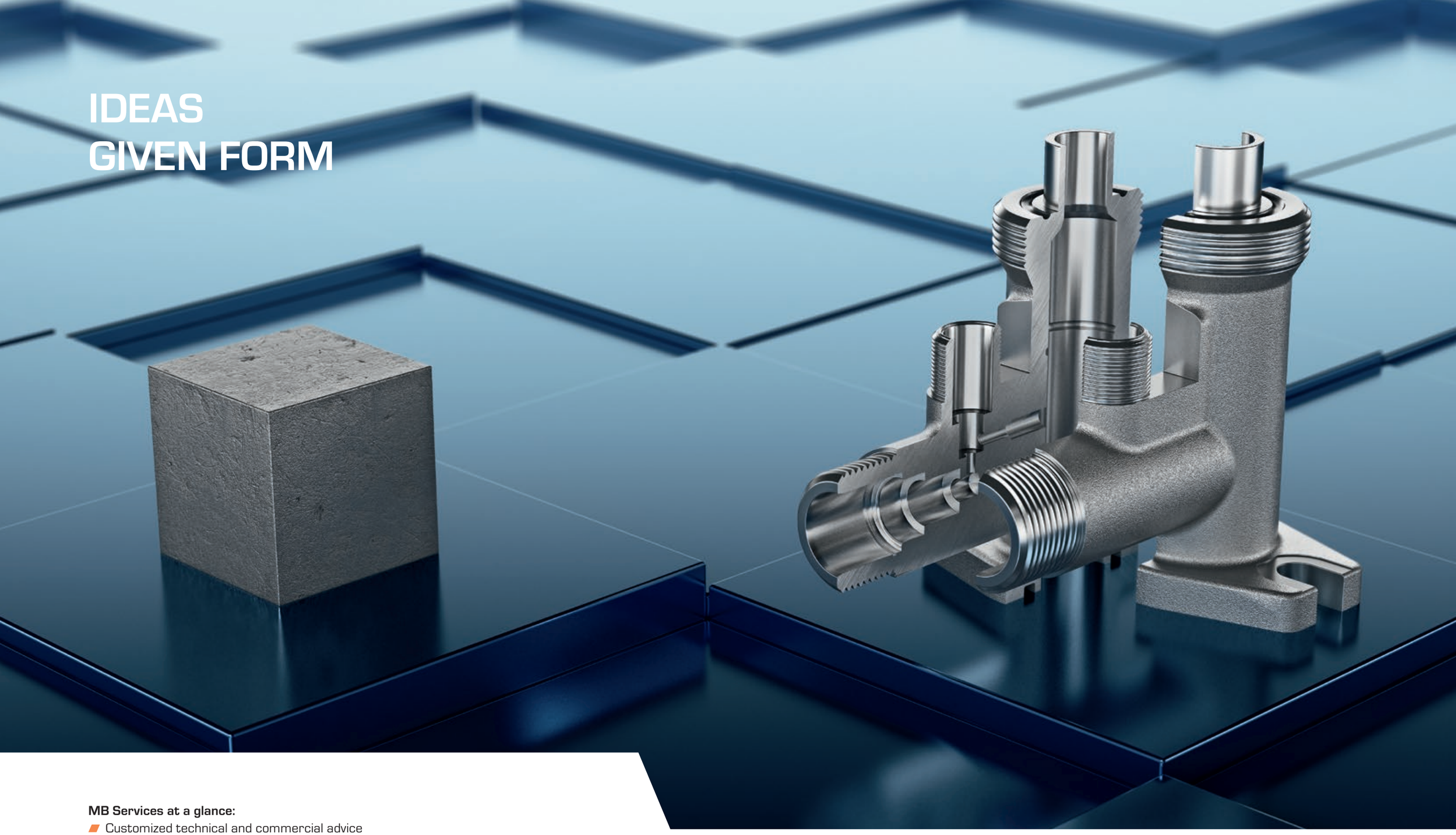
CUSTOMIZED QUALITY FROM MB.

Forming. Finishing. Refining. Since 1954, MB Metallpresswerk Baumgartner has been developing and manufacturing tailor-made, branch-specific workpieces for a wide range of applications.
In addition to standard production through the forging, casting, turning, and milling of parts, we specialize in the production of custom components. To provide each of our customers with the ideally formed solution, we rely on a strong development base and decades of experience.
At our plant in Speyer, we work with our customers to realize everything, from the first CAD model to the finished product, all from a single source right from the start.

FOR THE MOST RIGOROUS REQUIREMENTS.

Precision from the beginning onwards. Each of our products features the highest MB quality. To this end, from the initial design to the manufacture of tools to the extensive production services – including forging, heat treatment, CNC-production, surface finishing, and final assembly – we rely on a comprehensive, DIN ISO 9001 certified QM system. Continuous production monitoring and analysis as well as compliance with all regulations, such as the RoHS/REACH provision, complete our MB quality process – for a product of the highest value with proven MB quality.

IDEAS
GIVEN FORM



MB Services at a glance:

- Customized technical and commercial advice
- Verification and specification of ideal production technology
- Customized offer development and project planning
- Personal support from our MB experts – in-house and at your location
- Detailed technological and design plans for the product
- Comprehensive quality assurance, from planning stages to production and delivery
- In-house tool-making for the highest quality from the very beginning
- Production of prototypes, samples, and series
- Customized packaging and delivery concepts

Flexibility in series. For the optimum implementation of each individual component, we rely on a rock-solid foundation: decades of accumulated know-how, modern technologies, and continuous development. To do so, we carry out everything from prototyping to serial production from a single source and under one roof. We see the validation of our consistent entrepreneurial strategy in the many long-term partnerships – with small businesses and large groups – that have been established in the years since our company was founded.

METAL WITH ADDED VALUE.

Complexity in optimum MB product quality.
In addition to the processing of standard materials, our area of expertise is alloys that are especially difficult to forge. The realization of complex geometries and the targeted modification of physical material properties – for example, through the use of partial surface hardening or special heat treatment processes – are our specialties. To get the most out of light, nonferrous, and precious metals for our MB products, we develop and implement complex processes. This results in reliable products, with impressive precision and longevity.

EXTRACT FROM OUR PRODUCT RANGE

Material	Industry
Copper	Catenary line construction, Medium voltage
Brass	Gas fittings, Mechanical engineering, Control valves, Catenary line Construction, Heating technology, Conveying systems
Aluminium	Mechanical engineering, Special-purpose vehicles, Transport sector, Catenary line construction, Electrical industry, Medical technology
Bronze	Mechanical engineering, Conveying systems, Pumps
Steel	Mechanical engineering and construction, Industry in general
High-grade steel	Food industry, Filling technology, Special applications
Titanium	Medical technology, Special applications

QUALITY AT A GLANCE

1 Bolt

2 Nozzle

3 Disconnector

13 T-fitting

14 Elbow fitting

15 Clamp

4 Clamp holder

5 Monitor support

6 Cant dog

16 Funnel

17 Single clamp

18 Lever

7 Frame lever

8 Co-connector

9 Housing

10 Clamping element

11 Contact holder, Unmachined part

12 Impeller

No.	Description	Alloy	Weight (gram)	Size (mm)
1	Bolt	EN-CW004A-Cu-ETP	2.700	Ø 56 x 180
2	Nozzle	CW617N-CuZn40Pb2	3.210	117 x 80
3	Disconnector	EN-CW004A-Cu-ETP	3.600	Ø 56 x 210
4	Clamp holder	EN AW-6082 [Al Si1MgMn], EN-CW111C-CuNi2Si	425	90 x 90
5	Monitor support	EN AW-6082 [Al Si1MgMn]	360	80 x 80
6	Cant dog	EN AW-6082 [Al Si1MgMn]	280	140 x 150
7	Frame lever	EN AW-6082 [Al Si1MgMn]	850	210 x 75
8	Co-connector	EN-CW004A-Cu-ETP	3.500	Ø 110 x 120
9	Housing	EN AW-6082 [Al Si1MgMn]	395	120 x 130
10	Clamping element	EN-CW004A-Cu-ETP	470	110 x 65
11	Contact holder, unmachined part	EN AW-6005A [AlMgSi0,7]	2.700	195 x 95
12	Impeller	CW617N-CuZn40Pb2	535	Ø 110 x 35
13	T-fitting	EN AW-2014 [Al Cu4SiMg]	30	50 x 35
14	Elbow-fitting	EN AW-2014 [Al Cu4SiMg]	25	30 x 35
15	Clamp	EN-CW004A-Cu-ETP	400	110 x 90
16	Funnel	EN AW-6082 [Al Si1MgMn]	415	95 x 110
17	Single clamp	EN-CW111C-CuNi2Si	350	160 x 35
18	Lever	42CrMo4	2.240	110 x 220

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