

E-MOBILITY



Attractive electromobility fundamentally requires new ideas and technologies, as the switch to the electric motor and the battery lead to far-reaching changes.

If you want to see your E-Mobility product development in the field of technical plastic solutions into reality, then contact us.

MÜHLBEYER GmbH develops individual solutions that are tailored to the special requirements of the customer and special component geometries.

Your challenges are:

- Media density from plastic metal connections
- Plug connector and loading systems of loading stations
- Plug connector in the car (Board Charger, Control etc.)
- Stators in the area of Electronics cooling, heat flows in the E-car etc.
- Sealing with plastic solutions (interface battery, copper tracks, etc.)

We analyze:

- the injection molding material (Strength, temperature, media, tribology, material price)
- the injection-molded construction (draft angles, sink marks, ribbing, tolerance evaluation, separation burr, position of the injection point, wall thicknesses, weld lines)
- the tool technology (technology 1K, 2K, tool life, short cycle time)
- the injection process (technology 1K, 2K, specifications such as machine skills, process capability)
- the assembly processes

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**YOU THINK ABOUT SHAPES
AND COMPONENTS
WE ABOUT YOUR PROCESSES**

Here are some examples that we have already realized for our customers:

Charging connectors Inlet Type



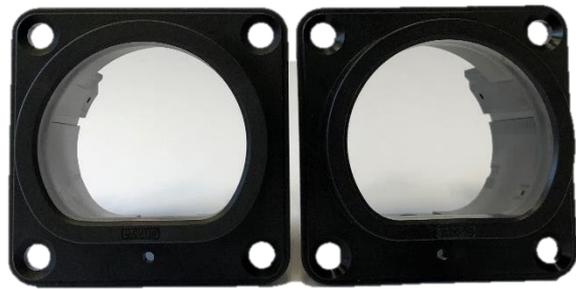
CONTACT Face



COVER



ADAP TER-FLANCH



FLANCH



Plain bearing E-BIKE 16-fach



Plug receptacle for E-MOBILITY 2pole pins