

MORE THAN A TOOLMAKER

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TOOLS FOR  
BIPOLAR PLATES



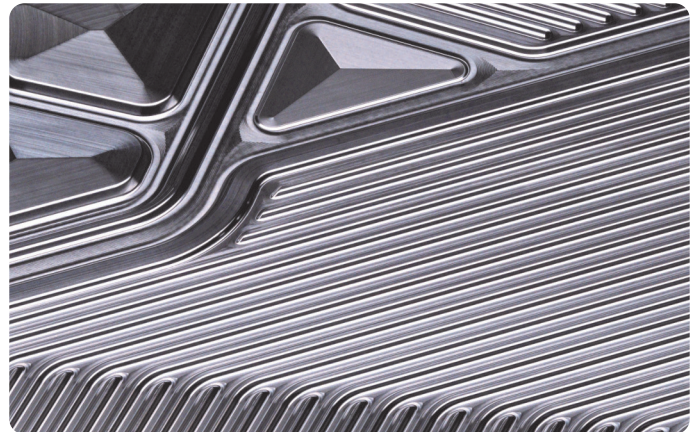
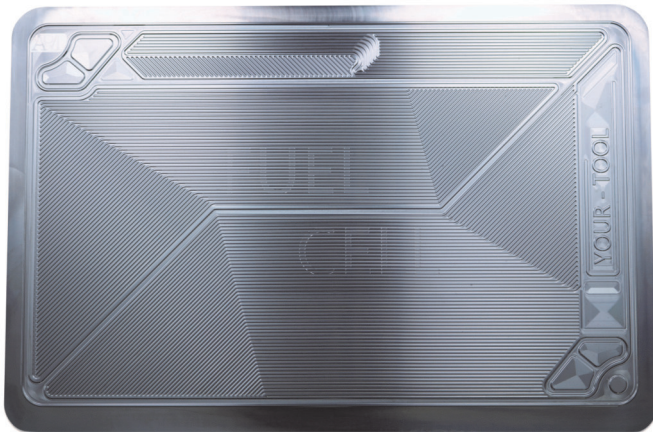
# EMBOSSING TOOLS FOR BIPOLAR PLATES

Progress always begins with high standards.

We have set ourselves the goal of becoming the market leader for embossing tools used in the production of bipolar plates. Together with our customers we develop and improve our tools for bipolar plates to perfection.

To ensure this, Your Tool has invested massively in the most up to date equipment for high-precision manufacturing and measuring equipment in recent years. Hydrogen fuel cells are an environmentally friendly future technology and an alternative to fossil combustion engines for drive systems that run on renewable energy.

The longer service life and quality of our embossing tools guarantee that customers can produce bipolar plates of the highest quality that satisfies their demands. By using the most modern, high-precision milling centers, together with our years of know-how, we are able to achieve an unprecedented quality in the field of hard milling. Therefore the embossing of bipolar plates with perfect plate flatness, highest contour accuracy and surface quality is possible.



## Technical Tolerances and Hard Milling Specifications

- **Tolerances**
  - Contour accuracy < +/- 5 µm
  - Flatness < 5 µm
  - Parallelism < 5 µm
  - Ra value up to 0,035 µm
- **Material**
  - Up to 67 HRC
- **Smallest tool diameter**
  - 0,1 mm



Contact Us and Benefit From our Know-How



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