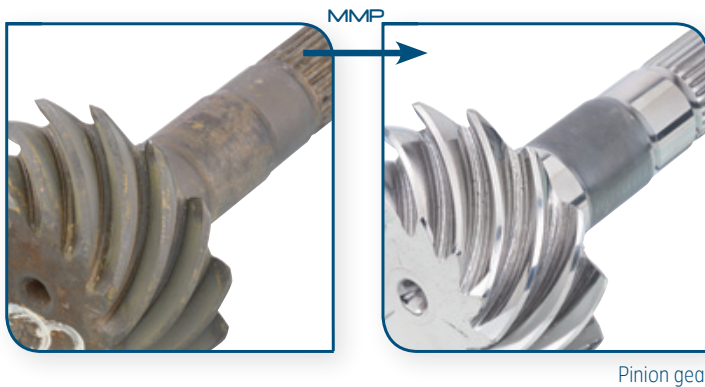




Transmissions



> Selective preservation of micro-structures



Pinion gear

The precision profiles of high performance gears require extreme control of material removal during surface finishing. The Micro Machining Process (**MMP**) uses a unique roughness filtration method that provides unprecedented control and precision of exceptionally targeted material removal, making it ideally suited to this market.

> Technical benefits of using **MMP**

- Reduced friction
- Superior surface retention of oil for improved lubrication
- Improved contact patch due to more accurate preservation of geometry

> **MMP** advantages

- Extremely low material removal
- Respect of tolerances
- Homogeneity of treatment across entire surface
- Superior accessibility to critical surfaces



> Applications

- Gears (Formula 1, Helicopters, etc.)
- High performance bearings and races



MMP



Worm gear



MMP

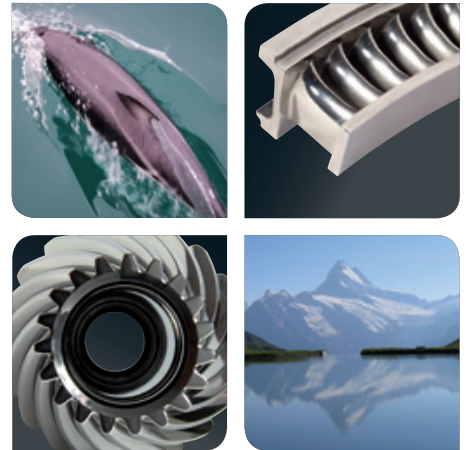


Ring gear



> A unique process worldwide

The **MMP TECHNOLOGY®** makes it possible to obtain super-finished surfaces by selective removal of successive “frequency” ranges of surface roughness. This technique enables a level of control that is not possible with traditional polishing methods.

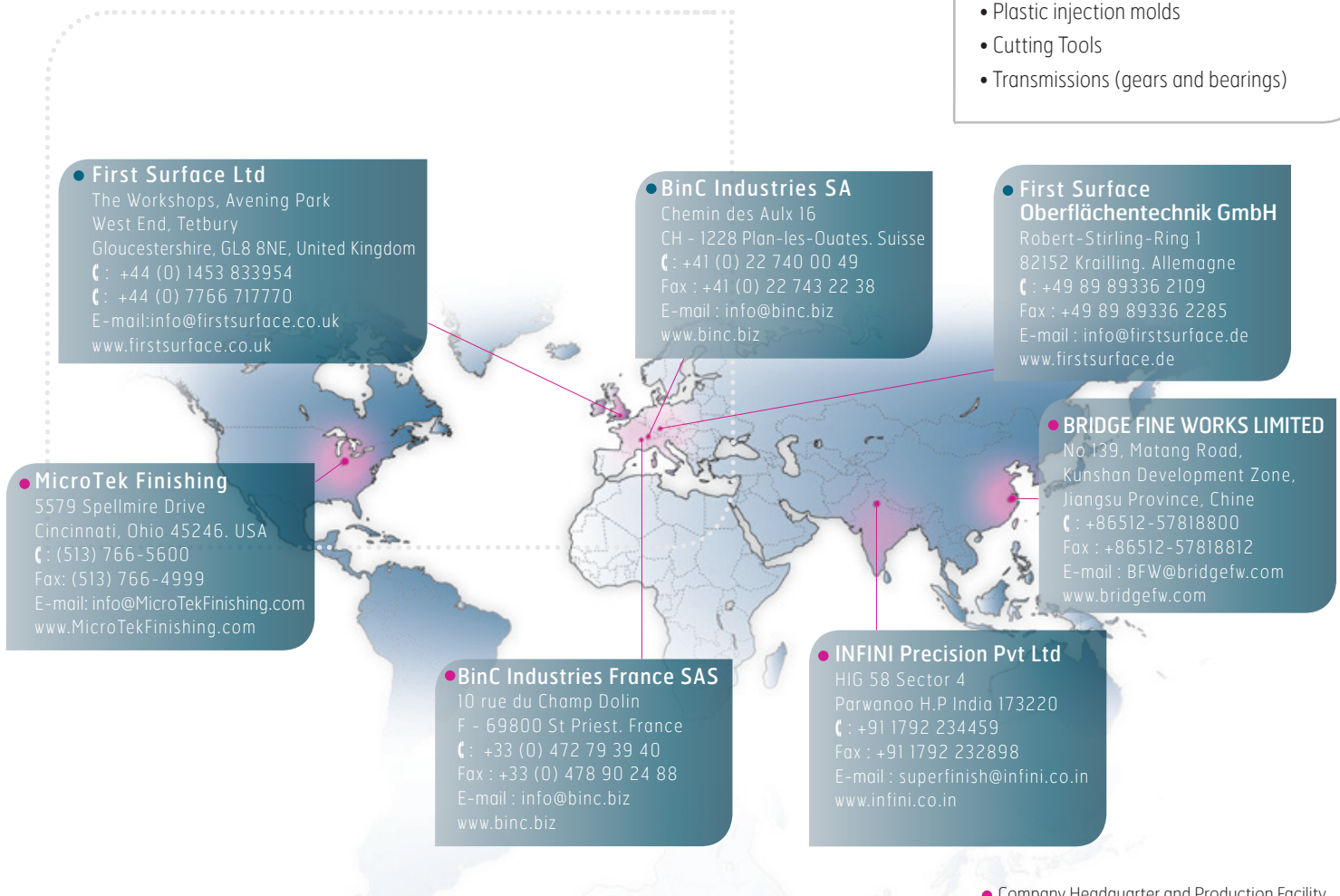


> A global expansion strategy

The **MMP TECHNOLOGY®** process is available exclusively through 7 companies located in Europe, the United States, India and China, as follows :

Seven key markets

- Aerospace
- Forging, Stamping, and Die
- Additive manufacturing
- Medical implants and instruments
- Plastic injection molds
- Cutting Tools
- Transmissions (gears and bearings)



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