

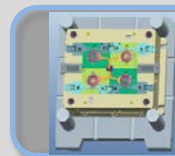
## Technology DAYS in Germany - April 10<sup>th</sup> – April 12 2018

### Die Design, Die Temperature Control, Consultation Service

#### 1.day: Geometric Die Design:



- Basic principle of metal flow
- Types of Gating Systems
- Runner Design & Flow Engineering
- Sprue Design and Part Arrangement
- Die Ventilation



Die Design

#### 2.day: Die Temperature Control and Casting Experiments:



- Basics in Die Temperature Control
- Thermal Issues in Die Design
- Calculation of Heat Exchange Area



Die Temperature Control



- Conformal Heating and Cooling Systems
- Casting Experiments with Frech´s Flexible Training Die
- Influence of Gating Systems on the Parts Quality

#### 3.day: Mathematics / Calculations, Consultation Service and Discussion



- Calculations of Casting Parameters, Locking Force and Casting Capacity
- Customers Application Review
- Consultation Service\*

*\*Please note: Send any casting parts for consultation at least 15 days before the seminar*

#### Meeting point:

FRECH Germany, Schorndorfer Straße 32  
D-73614 Schorndorf

#### Beginning of the seminar:

Tuesday April 10th, 2018, 09:00 a.m.

#### End of the seminar:

Thursday April 12th, 2018, app. 04:00. p.m.



Information

**HOTEL:** Hotel Reich an der Rems Schorndorf, single room incl. breakfast 89 €

**Cost\*\*:** Cost per person\*\* : ..... € 1.890,00 including VAT  
Additional Persons from same Company\*\* : ..... € 1.590,00 including VAT

*\*\* Please note: Cost for travelling, accommodation and other expenses to be paid by the participants*