

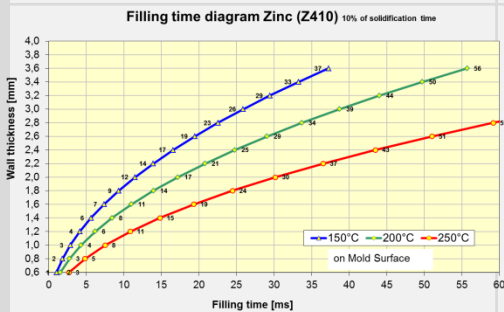
11 | Inspiration module "Short, compact, for free in 20 minutes!" "Filling time" - a key parameter

Objective of the Inspiration Module

Online trainings are still a bit unusual for many of us. With the help of this 20-minute inspiration module, which is **free of charge** for you, we will get used to the changed situation together, test our IT environment, practice handling, convince critics of online training and learn something new.

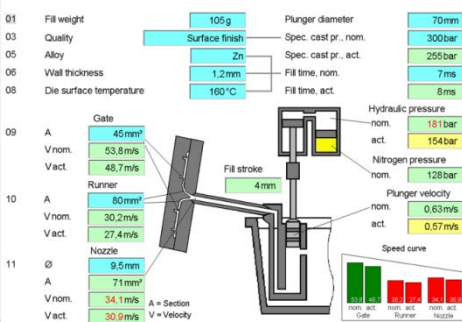
Content

The filling time is the basis for all cross-sectional designs of a die. It is indispensable for the design of any die. The filling time is also the basis for the settings of the 2nd phase. We clarify the concept, origin, dependency, determination and verification.



$$t_F = (0,1 \sim 0,15) \cdot t_E$$

C3 CASTING PARAMETER CALC. W 02.10.2018 11:27:32



- What is the filling time, what is it needed for?
- Dependencies and derivation
- Calculation
- Monitoring possibilities

O3 DATE AND TIME

- 01 Current date
- 02 Current time
- 03 Save date and time

Date:

On November 17th, 2020
at 10.00 and 15.00 o'clock Central European Time

Target group:

Operators, setters, die designers

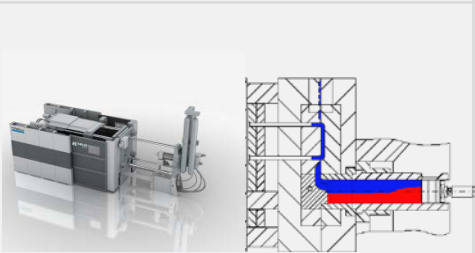
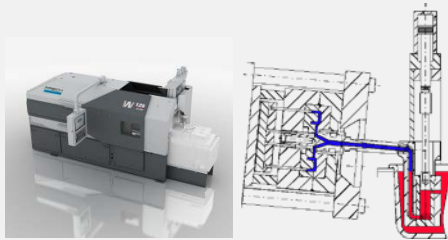
12 | Inspiration module „Short, compact, for free in 20 minutes!“
 „Diecasting with Hotchamber and Coldchamber“

Objective of the Inspiration Module

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Content

One may also ask which die casting processes exist and how they differ. We explain what is behind the name "hot chamber" or "cold chamber".



- Definition "Die Casting"
- Brief description of both procedures
- The most important distinguishing features
- A cycle explained with animations
- (better than youtube!)

03 DATE AND TIME

- 01 Current date
- 02 Current time
- 03 Save date and time

Date:

On November 3rd, 2020
 at 10.00 and 15.00 o'clock Central European Time

Target group

All who are interested in die casting
 All those involved in die casting
 Also for your customers!

13 | Inspiration module "Short, compact, for free in 20 minutes!" "Set the limit lines of the casting graphic correctly"

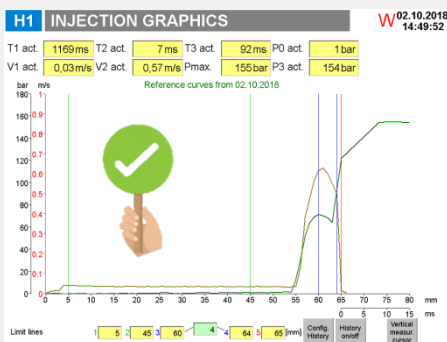
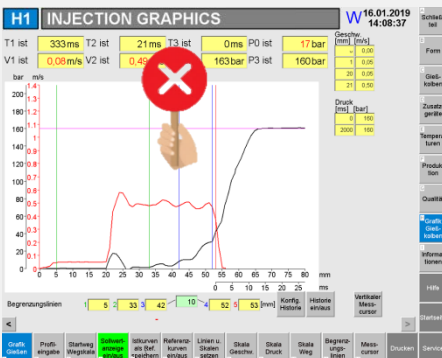
Objective of the Inspiration Module

Online trainings are still a bit unusual for many of us. With the help of this 20-minute inspiration module, which is **free of charge** for you, we will get used to the changed situation together, test our IT environment, practice handling, convince critics of online training and learn something new.

Content

Limit lines are the basis for obtaining individual and correct measured values for injection piston speed and pressure from the casting graph. For this purpose, the measuring ranges for injection piston speed of the 1st and 2nd phase and the start of final pressure measurement must be set. We explain the basic procedure for setting these ranges manually using the limit lines.

- The meaning of the 5 limit lines
- Procedure for setting the boundary lines correctly



03 | DATE AND TIME

- 01 Current date
- 02 Current time
- 03 Save date and time

Date:

On November 10th, 2020
at 10.00 and 15.00 o'clock Central European Time

Target group

Operators, setters and technicians



**14 | Inspiration Module „Short, compact, for free in 20 minutes!“
„SensilInject – Hot Chamber, explanation of the assistant“**



Objective of the Inspiration Module

Online trainings are still a bit unusual for many of us. With the help of this 20-minute inspiration module, which is **free of charge** for you, we will get used to the changed situation together, test our IT environment, practice handling, convince critics of online training and learn something new.

Content

- Short introduction to the "FRECH assistance system family".
- We show the assistant "SensilInject", which leads in dialogue with the operating personnel in logical steps from the programming of the casting parameter calculation to the creation of a casting profile and the casting graphics.
- In this short introduction you will experience the valuable support of your operating personnel through "SensilInject".



03 DATE AND TIME

- 01 Current date
- 02 Current time
- 03 Save date and time

Date:

On November 26th, 2020
at 10.00 and 15.00 o'clock Central European Time

Target group

All who are interested in assistance systems
Operators and setters for whom "SensilInject" is new

FRECH Online Inspiration Module by Frech Service

	Procedure	Preparations
1	Booking	You choose an inspiration module and contact us to coordinate dates and participants under Training@frech.com or gramm.sabine@frech.com
2	After booking	Please send us the relevant e-mail addresses of the participants who would like to attend the module.
3	30 min before the session	- We will send you a link to start the training Laptop / Desktop PC: no preparation required - Tablets / Smartphones: Download the "Zoom" application
4	Just before the session	Double-sided connection check to video, sound and camera. Please use the rooms provided for this purpose.
5	Web-Session	Performance of the 20-minute inspiration module
6	After the Session	Feedback - We always want to improve ourselves, so we are looking forward to your feedback on your booking! Gladly also under Training@frech.com or gramm.sabine@frech.com



Weitergehende Informationen

<https://zoom.us/>

Homepage of „ZOOM“ via „Support“ to „Help Center“ > „First steps“ > „Mobile devices“.



FRECH Online Inspiration Modul

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