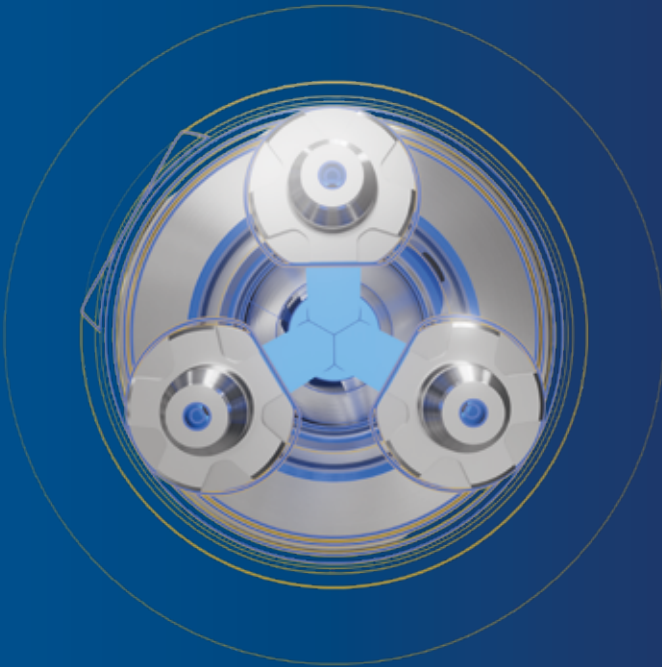


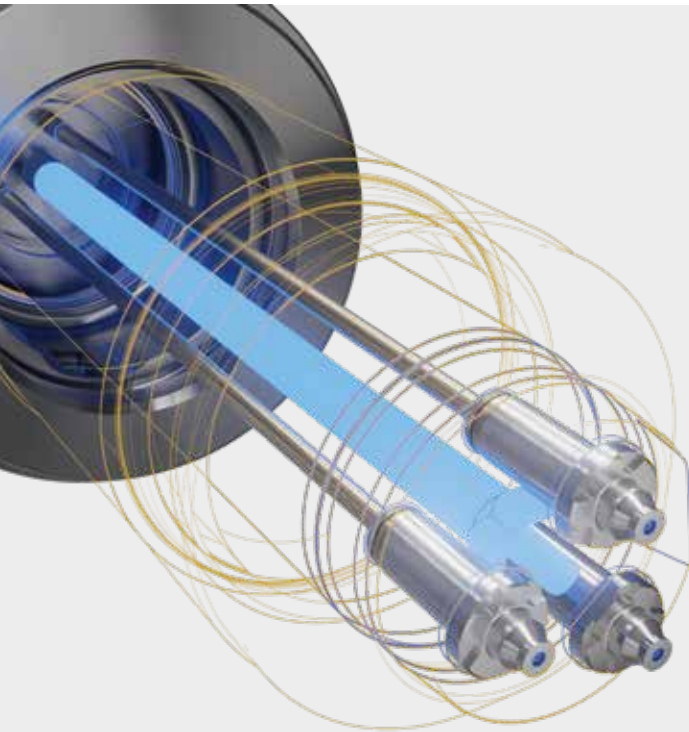
## HIGHEST PRECISION ON SMALLEST AREA WITH PRISMA NOZZLE



## Multitip gating with high gate point quality

The Prisma nozzle sets new standards in precision. Its advanced multiple connection with valve gate enables a very high injection point quality, even with the smallest pitch circle diameters. The precisely uniform opening and closing of the injection points ensures maximum precision during processing and individual adaptations to different requirements.

The PRISMA nozzle is available with two, three, four or five gating points



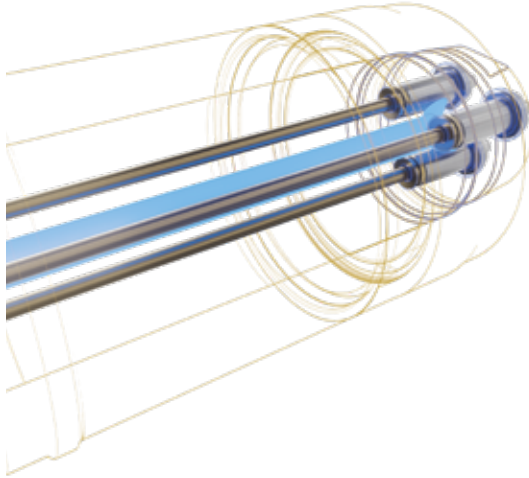
## Durability and highest quality.

Developed for a long service life and maximum precision, the PRISMA nozzle impresses with its innovative design. The replaceable needle guides made of PM steel achieve a long service life and are easy to replace when servicing is required. The needle is positioned outside the melt channel and is only heated by the plastic melt in the gate area. This nozzle design is ideal for applications with high demands on process reliability and product quality.

### Your benefits:

- Precise valve gate technology with minimal space requirements
- Precise gating points with the smallest pitch circle diameters
- Individually adaptable for different applications
- Durable construction with minimal wear
- Optimum heat distribution





## Optimum heat distribution for efficient injection moulding

The PRISMA nozzle is characterized by a very homogeneous temperature profile in the melt channel. The design with a two-part shaft in the combination of titanium alloy and tool steel results in optimum thermal separation between the tool and hot runner. The melt is not thermally damaged. Good concentricity properties can be achieved when connecting with several gating points and uniform opening of the gating points.



## Our service for you:

- Comprehensive planning advice
- Support with project planning
- Customised system for your individual requirements
- Variable pitch design
- Standardised design
- Shortest delivery time
- Highest quality



We are here for you:

T +49 6451 5008-0  
info@guenther-heisskanal.de

**GÜNTHER Heisskanaltechnik GmbH**

Industriepark Nord | Sachsenberger Strasse 1 | 35066 Frankenberg (Eder), Germany

T +49 6451 5008-0 | F +49 6451 5008-50

info@guenther-heisskanal.de | www.guenther-hotrunner.com

 **GÜNTHER**  
HOT RUNNER TECHNOLOGY