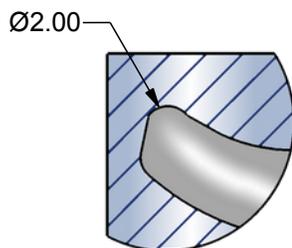
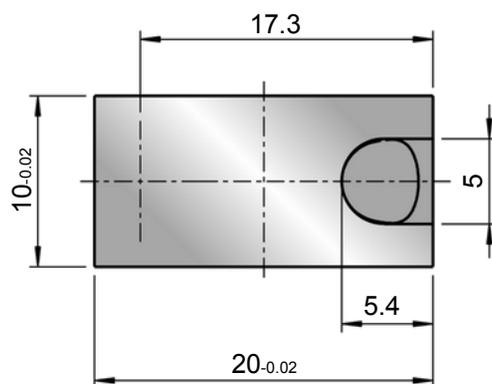
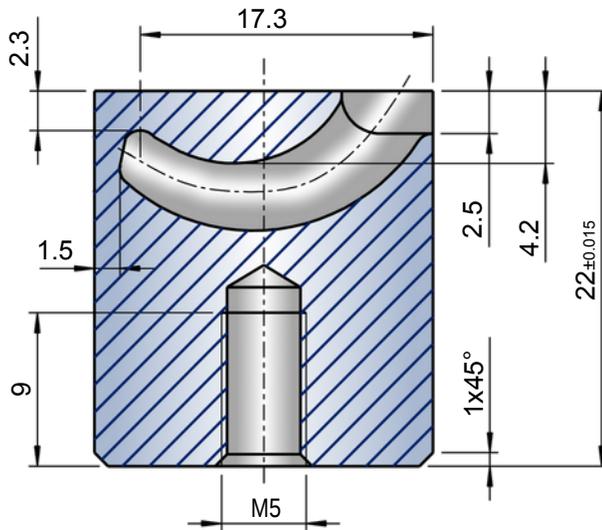


# Konturflow® - GTK



Kugelgeometrie im Anschnittbereich ermöglicht Anspritzungen an seitlich geneigten oder gewölbten Flächen.

*The spherical geometry in the gate area permits gating on inclined or curved surfaces.*

## Technische Information

Für die unterflurige Anspritzung kleiner und mittelgroßer Bauteile mit Kontur im Angießbereich.

- Maximaler Anspritzdurchmesser (Vollkreis-Kalotte) bis 1,7 mm.
- Konturierbar bis zu einer Tiefe von ca. 3 mm.
- Verwendbar für sämtliche Thermoplaste inkl. Füllstoffe bis 50 % Glasfaser.

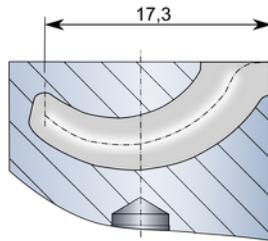
## Technical information

*For tunnel gating of small to medium-sized moldings contoured in the gate area.*

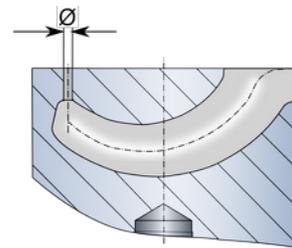
- *Maximum gate diameter (pointed tunnel) up to 1,7 mm.*
- *Contourable up to 3 mm depth.*
- *Usable for all thermoplastics including fillers up to 50 % glass fibre.*



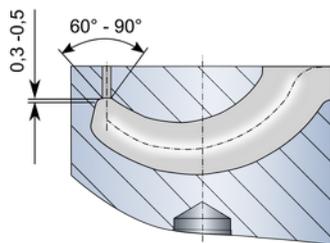
## Kalottenkonstruktion: Standard Calotte design: Standard



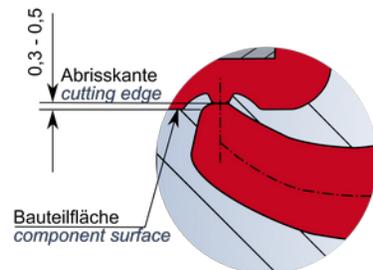
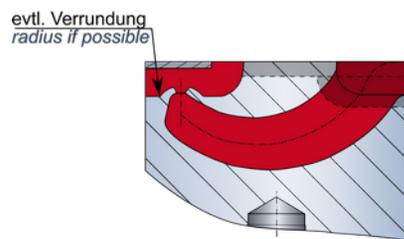
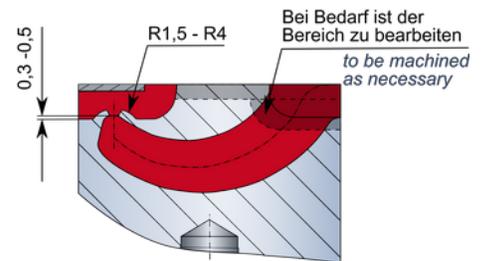
Kontur-Einsatz im Rohzustand  
Contourable insert in unfinished state



Durchmesser gemäß Tabelle festlegen  
Diameter to be defined in accordance with the table



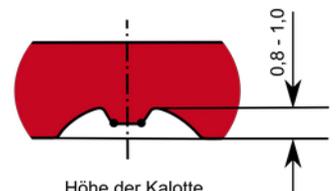
Bei Schnittpunkt Bohrung / Tunnel  
Winkel von 60° bis 90° festlegen  
Define 60 to 90 angle at bore /  
tunnel intersection point



Fertige Kalottenkonstruktion  
Finished calotte drawing



Kalotte am Artikel  
Calotte on moulded product



Höhe der Kalotte  
Height of the calotte

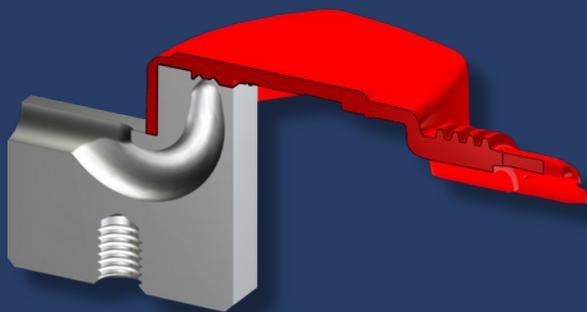
Anspritzung / Injected by:

Maxiflow<sup>®</sup> - GXK-1

Material / Material: PA66 GF25

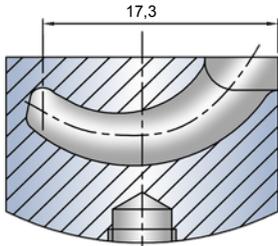
Artikelgewicht / Weight: 7,5 g  
Firma / Company:

Kindtner Werkzeugbau GmbH  
Künzelsau  
Deutschland / Germany

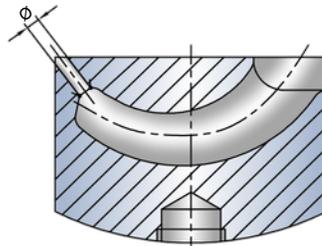


# Kalottenkonstruktion: Geneigte Fläche

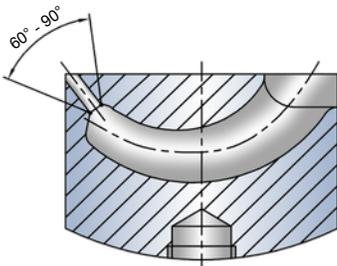
## Calotte Design: Inclined Surface



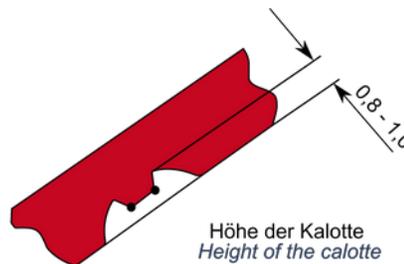
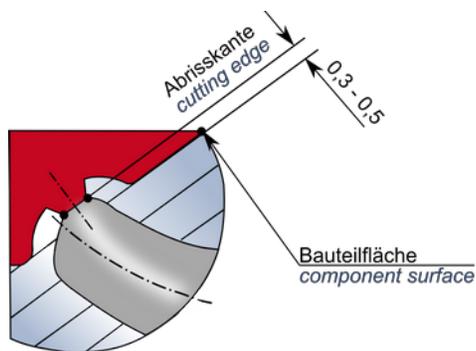
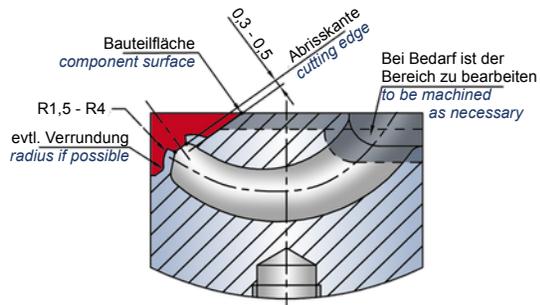
Kontur-Einsatz im Rohzustand  
Contourable insert in unfinished state



Durchmesser gemäß Tabelle festlegen  
Diameter to be defined in accordance with the table



Bei Schnittpunkt Bohrung / Tunnel  
Winkel von 60° bis 90° festlegen  
Define 60 to 90 angle at bore /  
tunnel intersection point



Anspritzung / Injected by:

**Maxiflow® - GXK-3**

Material / Material: PA66 GF35

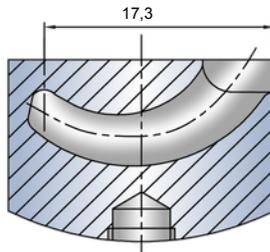
Artikelgewicht / Weight: 18,5 g  
Firma / Company:

EXAflow® Versuchswerkzeug  
Groß-Umstadt  
Deutschland / Germany

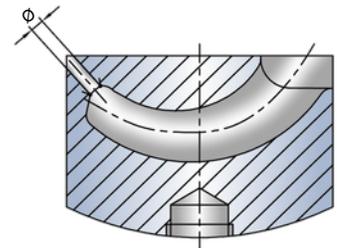




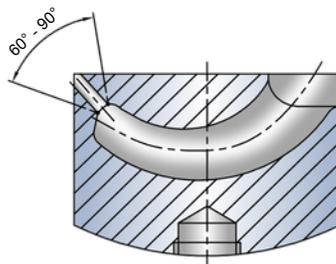
## Kalottenkonstruktion: Gewölbte Fläche Calotte Design: Curved Surface



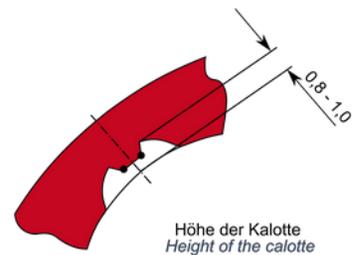
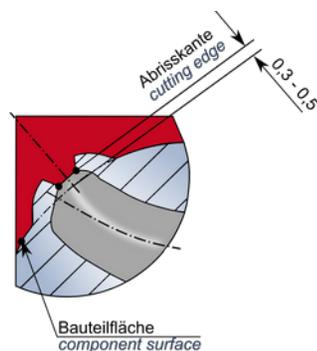
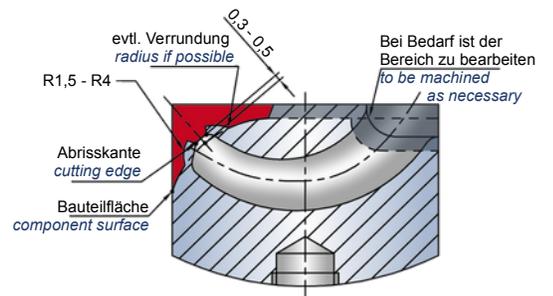
Kontur-Einsatz im Rohzustand  
Contourable insert in unfinished state



Durchmesser gemäß Tabelle festlegen  
Diameter to be defined in accordance with the table



Bei Schnittpunkt Bohrung / Tunnel  
Winkel von 60° bis 90° festlegen  
Define 60 to 90 angle at bore /  
tunnel intersection point



Höhe der Kalotte  
Height of the calotte



Anspritzung / Injected by:

**Maxiflow<sup>®</sup> - GXK-1**

Material / Material: PA66

Artikelgewicht / Weight: 110 g

Firma / Company:

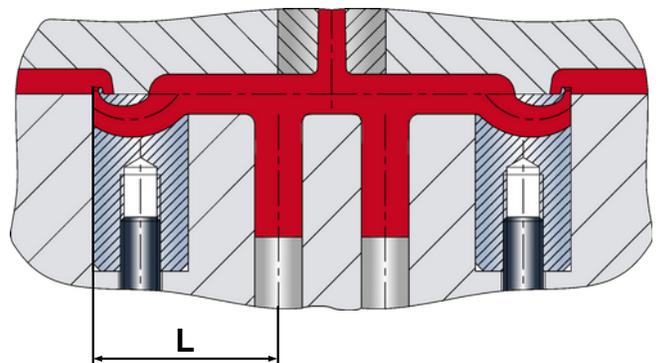
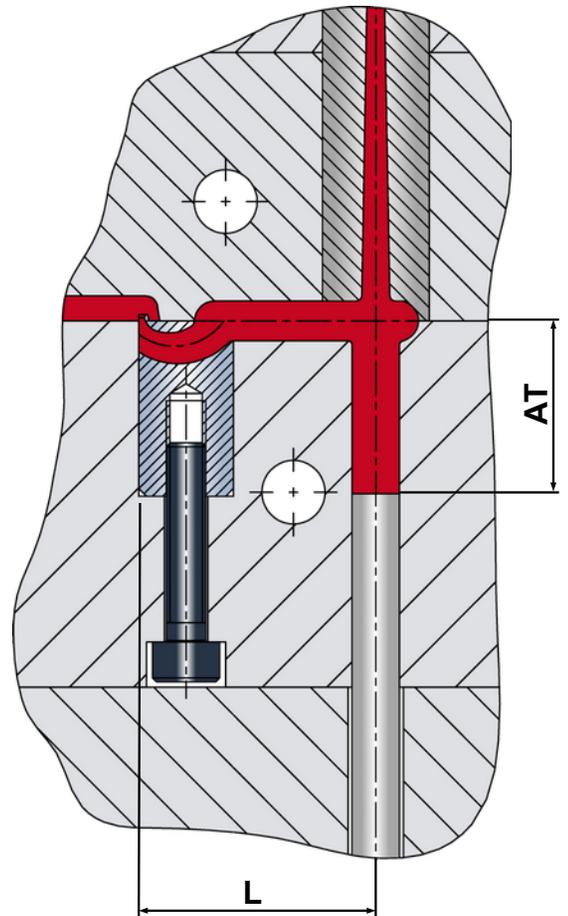
Hans Vorbach GmbH & Co. KG

Kaufbeuren

Deutschland / Germany

## Einbaumaße GTM GTR/GTE GTK Installation dimensions GTM GTR/GTE GTK

Kunststoffgruppe Plastic group	GTM	GTR/GTE	GTK
HD-PE, LD-PE, PET, PP, PA, PC, PVC. (L)	>15	>20	>25
Kanalausführung Runner design	rund round	rund round	rund round
Auswerfertiefe (AT) Ejector depth (AT)	>11	>16	>20
ABS, M ABS, ASA, PS, PC/ ABS, POM, PBT. (L)	>20	>25	>30
Kanalausführung Runner design	rund round	rund round	rund round
Auswerfertiefe (AT) Ejector depth (AT)	>14	>20	>24
Elastomere TPE, TPU, TPP, TPA. (L)	>15	>15	>20
Kanalausführung Runner design	beliebig arbitrary	beliebig arbitrary	beliebig arbitrary
Auswerfertiefe (AT) Ejector depth (AT)	>11	>11	>16
Spröde Kunststoffe (L) Brittle plastics	>25	>30	>40
Kanalausführung Runner design	halbrund half-round	halbrund half-round	halbrund half-round
Auswerfertiefe (AT) Ejector depth (AT)	>18	>24	>32



### Technische Information

Das Abstandsmaß „L“ beschreibt den von uns empfohlenen Abstand vom Anspritzpunkt bis zum Angussauswerfer.

Das Abstandsmaß „AT“ beschreibt die in Relation stehende Auswerfertiefe.

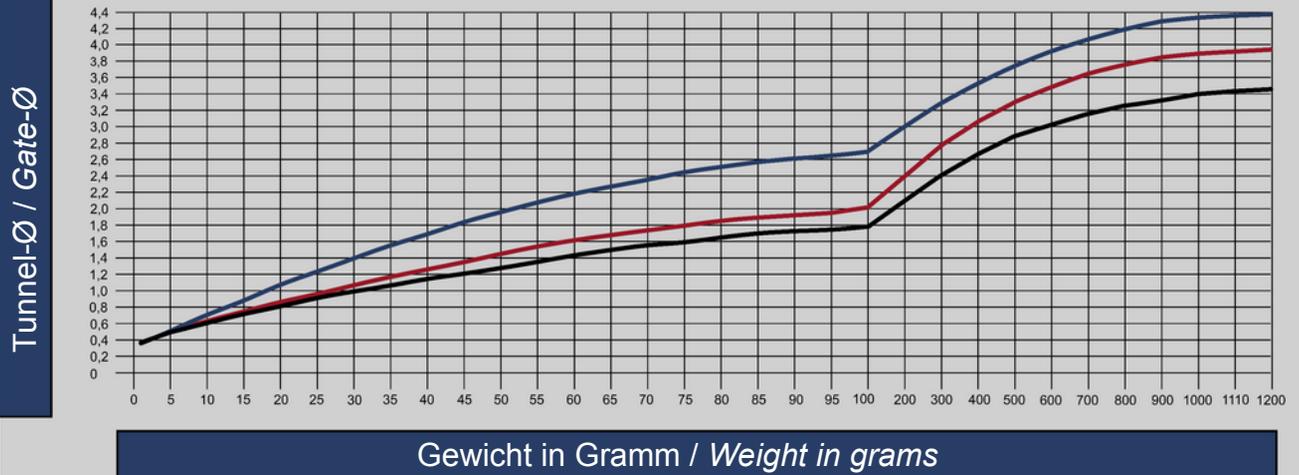
### Technical information

Recommended distances "L" from the injection point to the sprue ejector are given above for the various material groups.

The distance "AT" describes the correlated ejector depth.

**Viskositätstabelle für konturierbare Einsätze**  
*Table of viscosity for contourable Inserts*

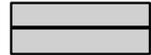
Viskositätstabelle - *Table of viscosity*



**Niedrige Viskosität**

***Low Viscosity***

(PA, PE, PC, PP, PET, PVC, PS, SB, TPA, TPE, TPU)



**Mittlere Viskosität**

***Medium Viscosity***

(ABS, ASA, PS, PC/ABS, PBT, SAN)



**Hohe Viskosität**

***High Viscosity***

(PC, PPS, PSU, POM-H, PES, PPO, PEI, PC-ABS, PC-PBT, PMMA, PVC)

