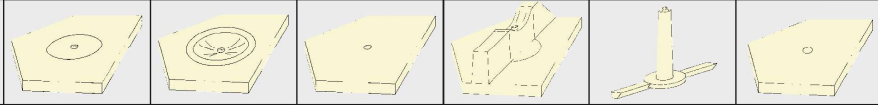
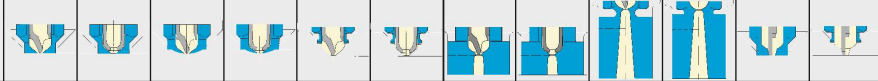


Your choice of bushing - Guide for your application!

Shape of gate vestige (Can be customized)												
	Expected gate vestige and user area.											
Type of End Cap and Tip.												
	Gate description:											
Plastic material/Trade names	IG	OG	TGD	OGD	TGI	OGI	TGX	OGX	SGTG	SGS/SGS SGOG	MP	MPT
Low Viscosity	PE-HD Vestolen	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
Medium Viscosity	PE-LD Hostalen, Lupolen	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
High Viscosity	PP Hostalen PP, Novol	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	PS Polystyrol, Vestyron	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	SB Styrolux	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	ABS Cycolac, Novodur	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	PA 12 Lauramid, Vestamid	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	PA 6 BergamidB, Duruth.B	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	PA 6.6 BergamidA, Zytel	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	PMMA Degalan, Plexiglas	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	POM-CO Hostalform, Ultraform	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	SAN Luran, Lustran	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	SEBS Evoprene, Thermofl.	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
	PBT Pocan, Ultradrur, Valox	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕
PC Lexan, Makrol, Xenoy	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PC-ABS Bayblend, Cycloxy	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PC-PBT Makroblen, Ultrabl.	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PEI Ultem	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PES UltrasonE	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PET Pet, Rynite, UltradrurA	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
POM-H Delrin	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PPE Luranyl, Resart	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
P-PS Fortron, Ryton, Tiedur	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PSU Udel, UltrasonL	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PUR/TPU Desmopan	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
PVC-Soft Corvic, Vestolit LF	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
TPE-E Hytel, Lomod	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
Flame retardment (V0)	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
Glass Fiber	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
Mineral	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
Steelpowder	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊖	⊕⊕⊕⊕	⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	⊕⊕⊕⊕	
Blowing agent	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	
Talcum powder	⊕⊕	⊕⊕⊕⊕	⊕⊕	⊕⊕⊕⊕	⊕⊕	⊕⊕⊕⊕	⊕	⊕⊕	⊕⊕	⊕⊕	⊕⊕	

How to use this guide:
 1) Using the gating-illustrations on this guide page, you can see which principal type of End Cap and Tip that can be used. Note! Several of the End Cap and Tip types can be adapted. Even "impossible" gate options are usually quite possible! Contact Us!
 2) By going down the left-hand side of the table you can select the End Cap and Tip type against plastic material.
 3) Follow the Viscosity-field for your selected plastic material over to the weight information on the right-hand side of this guide and select the series size with regard to the shot weight of your detail (Max recommended shot weight per hot bushing).
 Note! Take into consideration any additives in the plastic material.
 4) On the back of this guide page you can determine the diameter of the gate and also the expected height of the gate vestige.
 5) Email or call in your order. Please advise us of the plastic material and shot weight for your application, and any cosmetic demands it may have.

- = Not recommended; ⊕ = Good for certain applications; ⊕⊕ = Very good; ⊕⊕⊕ = Excellent!

Explanation, Gate types shortenings:
 TG Tip Gate, Point gate with tip
 TGD Tip Gate Dimple, Point gate recessed
 TGT Tip Gate Topless, Point gate seated in mould
 TGX Tip Gate eXtend, Point gate extended end cap
 OG Open Gate, Point gate with open tip
 OGD Open Gate Dimple, Point gate recessed
 OGT Open Gate Topless, Point gate seated in mould
 OGX Open Gate eXtend, Point gate extended end cap
 SGS Sprue Gate Standard, Channel gate
 SGTG Sprue Gate Tip Gate, Channel gate with tip
 SGOX Sprue Gate Open Gate, Channel gate open tip
X eXtend, extended end cap
 MP Movable Pin, Gating with a valve
 MPT Movable Pin Topless, seated in mould
 MPX Movable Pin eXtended, extended end cap