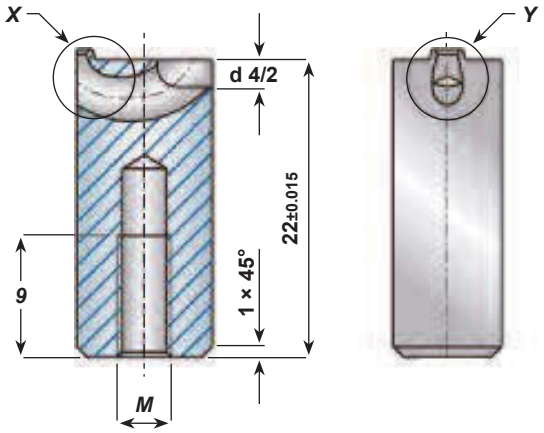
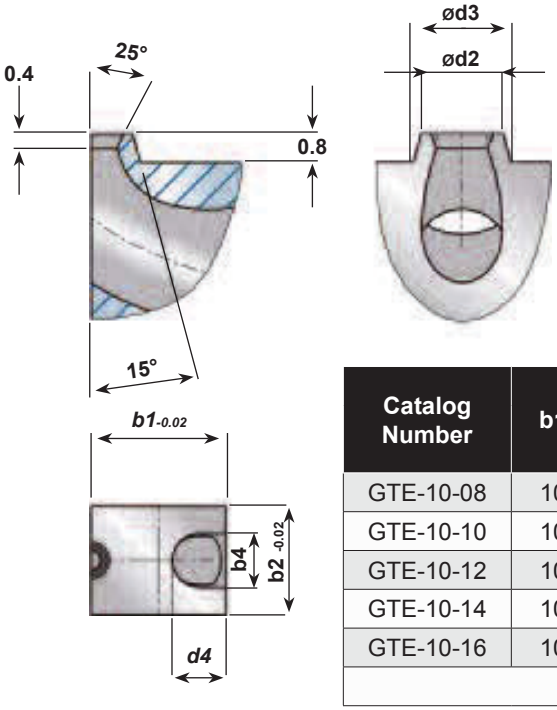
CASHEW GATE INSERTS

10mm — FOR SHOT WEIGHTS UP TO 40g





ACTUAL SIZE

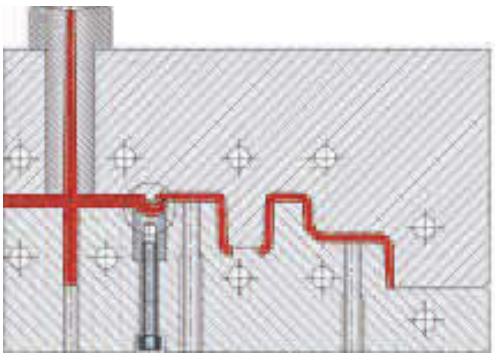
EXTERNAL VIEW

CUTAWAY VIEW

- Manufactured in a solid one-piece unit using the Metal Injection Molding (MIM) process.
- Optimal balancing of cavity filling due to the exactness of MIM.
- Hardened to 60HRC and polished.
- Ideal for thin wall parts.

Catalog Number	b1	b2	d2	d3	d4	M	Viscosity		
							high flowability	regular flowability	low flowability
GTE-10-08	10	8	0,8	2,1	4	4	8	7	5
GTE-10-10	10	8	1,0	2,3	4	4	14	12	9
GTE-10-12	10	8	1,2	2,5	4	4	20	16	10
GTE-10-14	10	8	1,4	2,7	4	4	30	23	15
GTE-10-16	10	8	1,6	2,9	4	4	40	30	20
							Weight in grams		

Installation Example



Thin Walled Parts

The raised lip (calotte) height can be reduced to a maximum of 0.4mm. This is the level of the defined stall edge. The front of the gate insert is sealed off by the cavity to the level of the parting line.

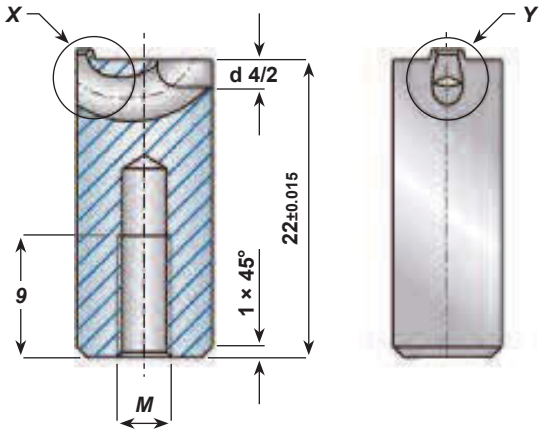
- to reduce pressure loss
- to minimize shear

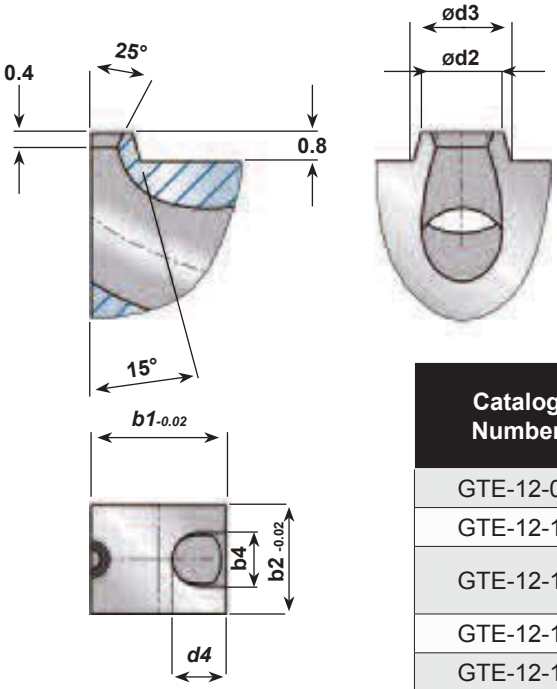
All inserts have the gate diameter ‘d2’ molded into them.

CAD files available at:
www.extraflow.com

CASHEW GATE INSERTS

12mm — FOR SHOT WEIGHTS UP TO 68g



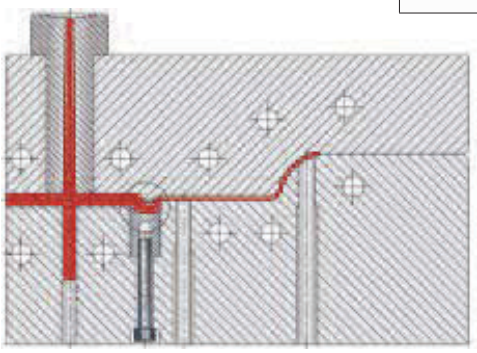


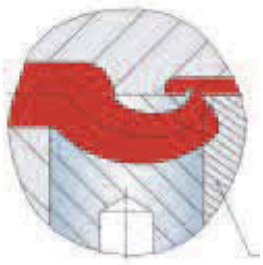
ACTUAL SIZE | EXTERNAL VIEW | CUTAWAY VIEW

- Manufactured in a solid one-piece unit using the Metal Injection Molding (MIM) process.
- Optimal balancing of cavity filling due to the exactness of MIM.
- Hardened to 60HRC and polished.
- Ideal for thin wall parts.

Catalog Number	b1	b2	d2	d3	d4	M	Viscosity		
							high flowability	regular flowability	low flowability
GTE-12-08	12	10	0,8	2,1	5	5	8	7	5
GTE-12-10	12	10	1,0	2,3	5	5	14	12	9
GTE-12-12	12	10	1,2	2,5	5	5	20	16	10
GTE-12-14	12	10	1,4	2,7	5	5	30	23	15
GTE-12-16	12	10	1,6	2,9	5	5	40	30	20
GTE-12-18	12	10	1,8	3,1	5	5	54	40	27
GTE-12-20	12	10	2,0	3,3	5	5	68	52	34
							Weight in grams		

Installation Example





All inserts have the gate diameter ‘d2’ molded into them.

Thin Walled Parts

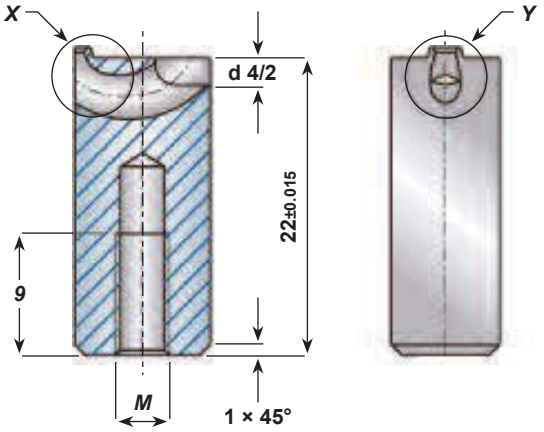
The raised lip (calotte) height can be reduced to a maximum of 0.4mm. This is the level of the defined stall edge. The front of the gate insert is sealed off by the cavity to the level of the parting line.

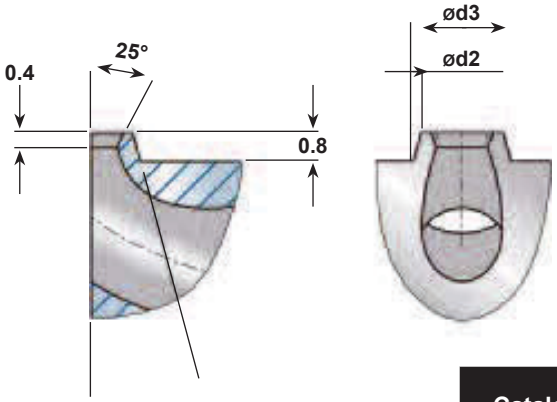
- to reduce pressure loss
- to minimize shear

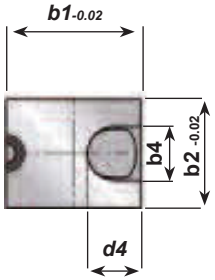
CAD files available at:
www.extraflow.com

CASHEW GATE INSERTS

14mm — FOR SHOT WEIGHTS UP TO 100g







ACTUAL SIZE

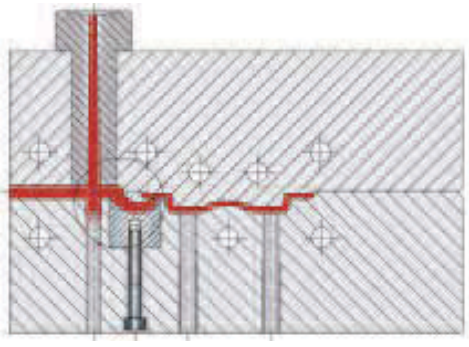
EXTERNAL VIEW

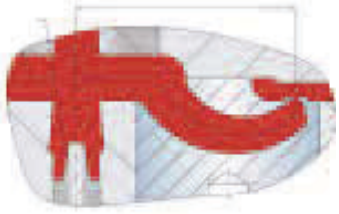
CUTAWAY VIEW

- Manufactured in a solid one-piece unit using the Metal Injection Molding (MIM) process.
- Optimal balancing of cavity filling due to the exactness of MIM.
- Hardened to 60HRC and polished.
- Ideal for thin wall parts.

Catalog Number	b1	b2	d2	d3	d4	M	Viscosity		
							high flowability	regular flowability	low flowability
GTE-14-12	14	12	1,2	2,5	6	6	20	16	10
GTE-14-14	14	12	1,4	2,7	6	6	30	23	15
GTE-14-16	14	12	1,6	2,9	6	6	40	30	20
GTE-14-18	14	12	1,8	3,1	6	6	54	40	27
GTE-14-20	14	12	2,0	3,3	6	6	68	52	34
GTE-14-22	14	12	2,2	3,5	6	6	85	65	43
GTE-14-24	14	12	2,4	3,7	6	6	100	80	50
							Weight in grams		

Installation Example





All inserts have the gate diameter ‘d2’ molded into them.

Thermoplastic Elastomers

When processing thermoplastic elastomers, please observe the following recommendations to ensure reliable de-molding.

- the distance ‘L’ should decrease with the Shore hardness value
- a centering cone should be used
- this installation example applies to elastomers in the medium Shore hardness range (up to 100 Shore A)

CAD files available at:
www.extraflow.com