



Your Full Hot Runner Solution Company

www.jtechhotrunner.com

E-mail: info@jtechhotrunner.com

4314 Beech Grove Sideroad

Caledon, Ontario

Canada L7K 0M4

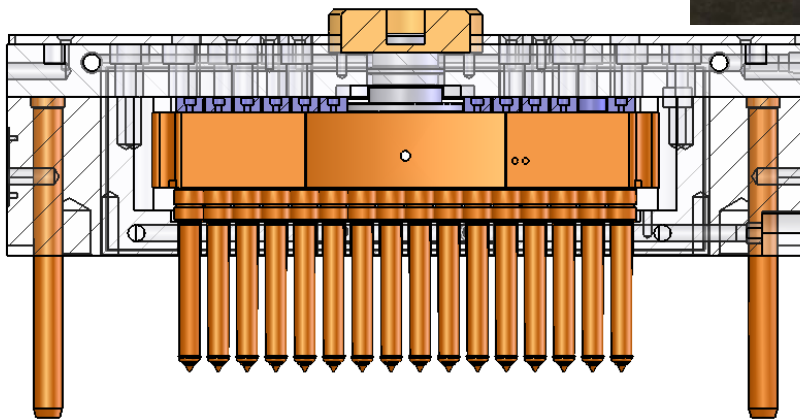
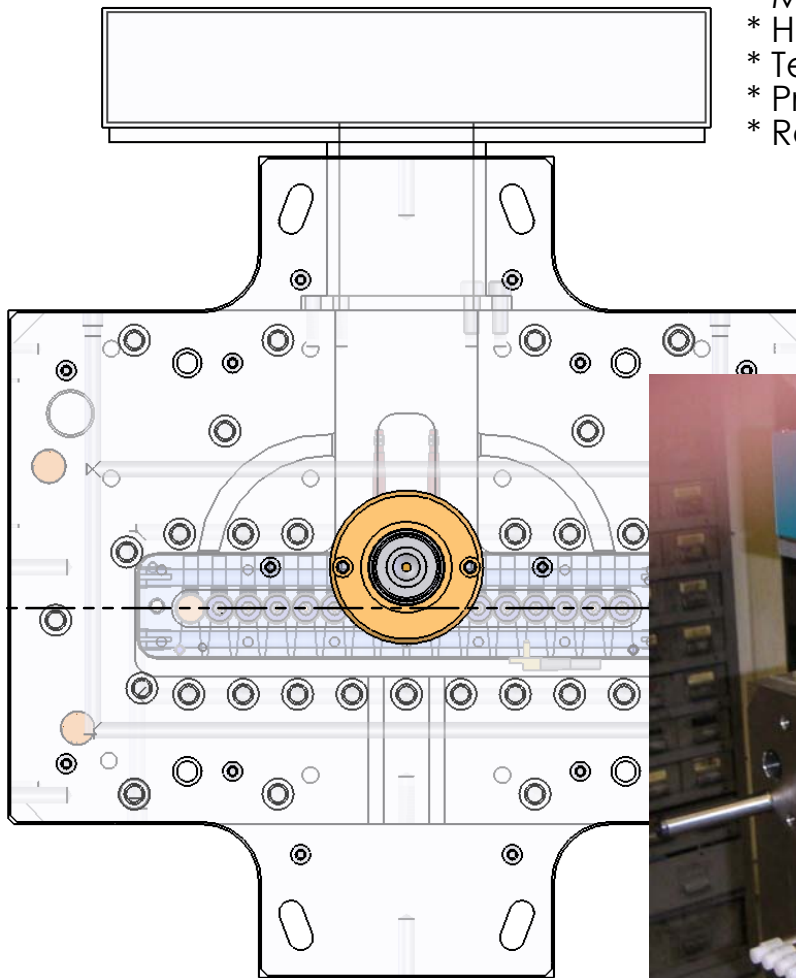
Phone: 519.927.1067

Fax. 519.927.9938

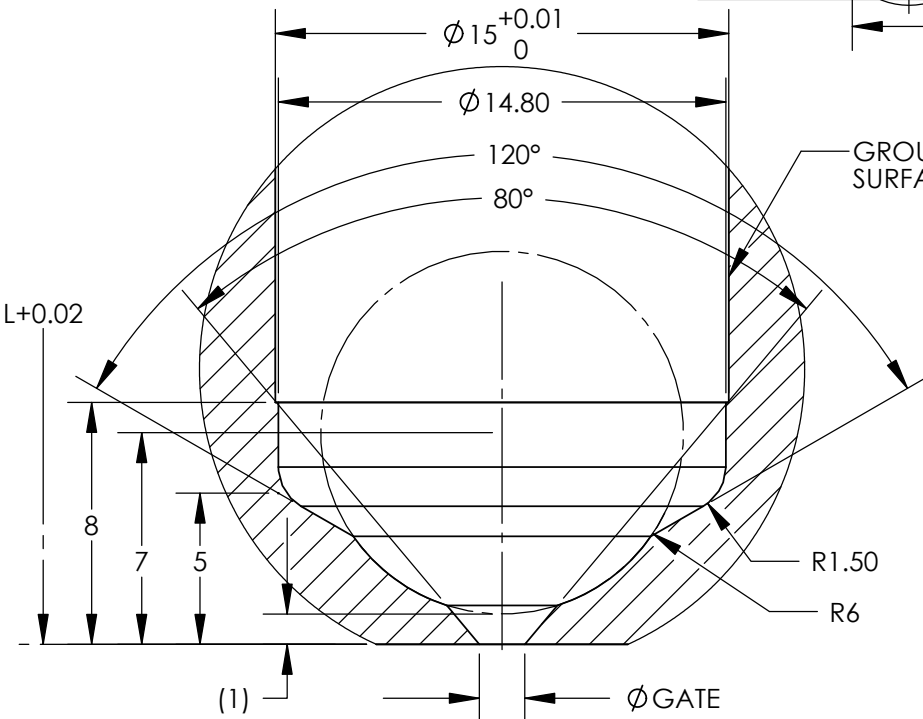
Toll Free: 1.866.267.5832

- * Custom made Hot Runner Systems
- * Hot Runner Nozzles
- * Manifolds
- * Hot Halves
- * Temperature Controllers
- * Pressure Drop Analysis
- * Repair/Services

A



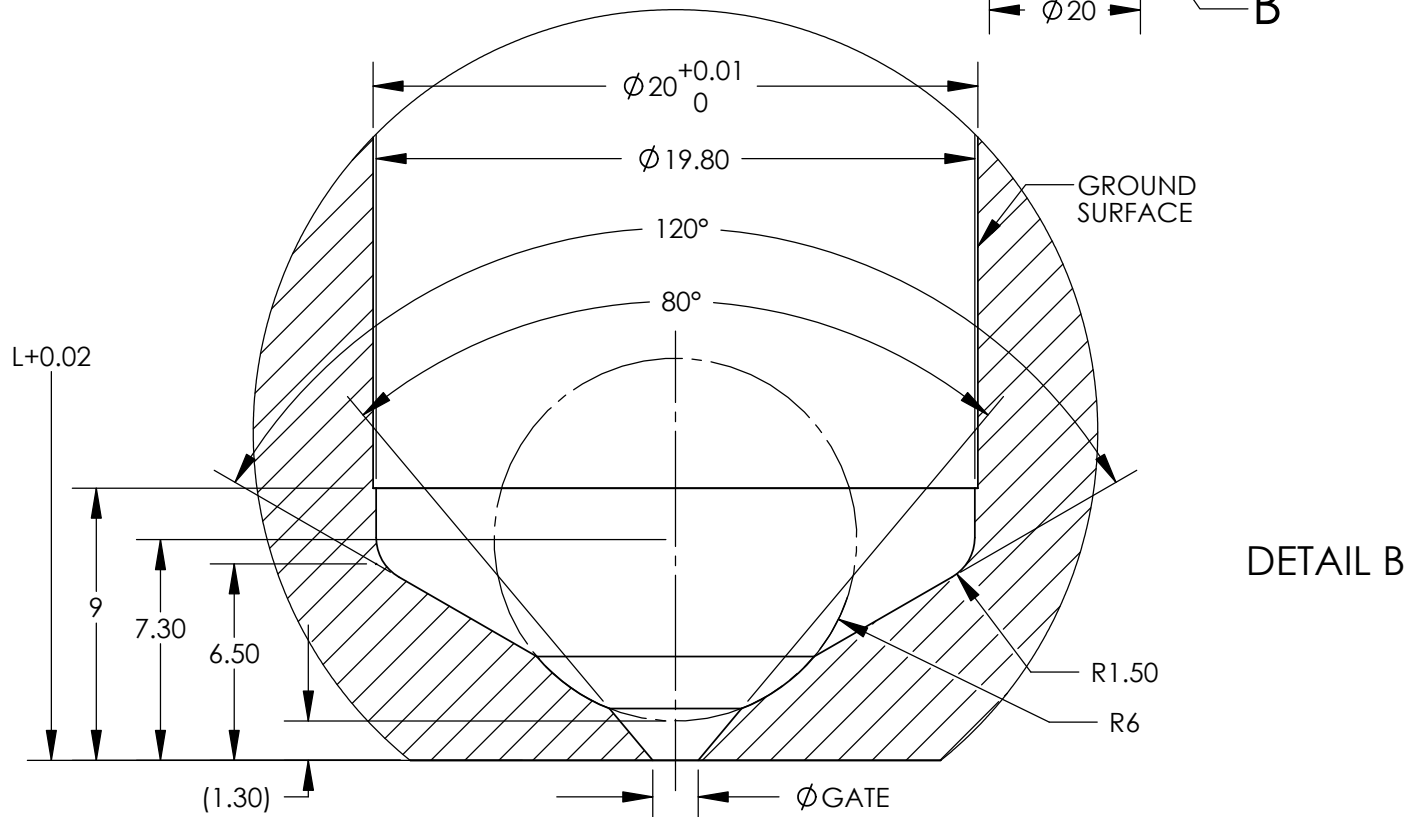
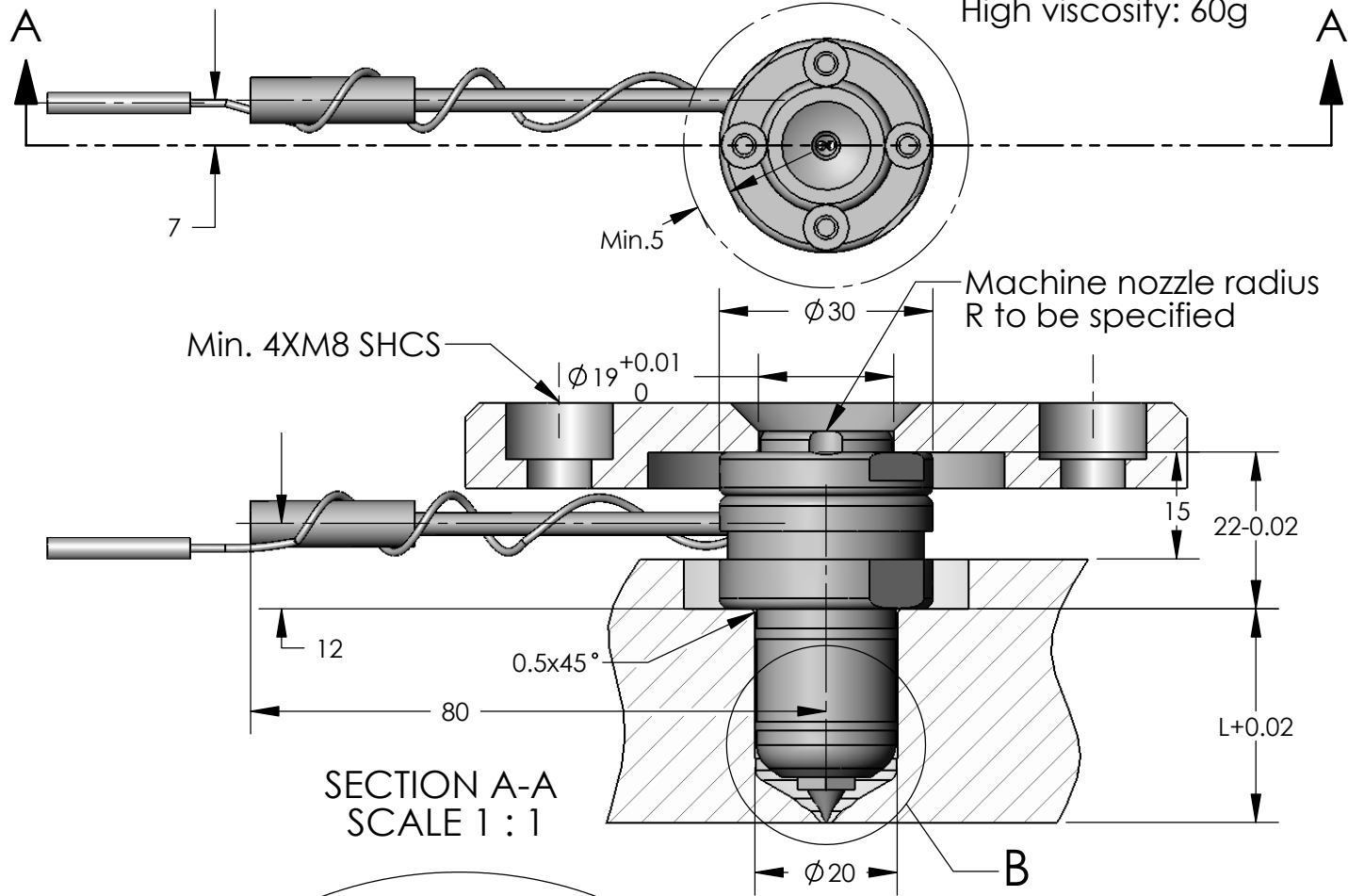
Max. shot capacity:
Low viscosity: 80g
Medium viscosity: 50g
High viscosity: 30g



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L Dimension (hot condition):
30,40 50,60 ,70... ..Max. custom length 250mm
Custom dimensions are also available

Max. shot capacity:
Low viscosity: 120g
Medium viscosity: 90g
High viscosity: 60g



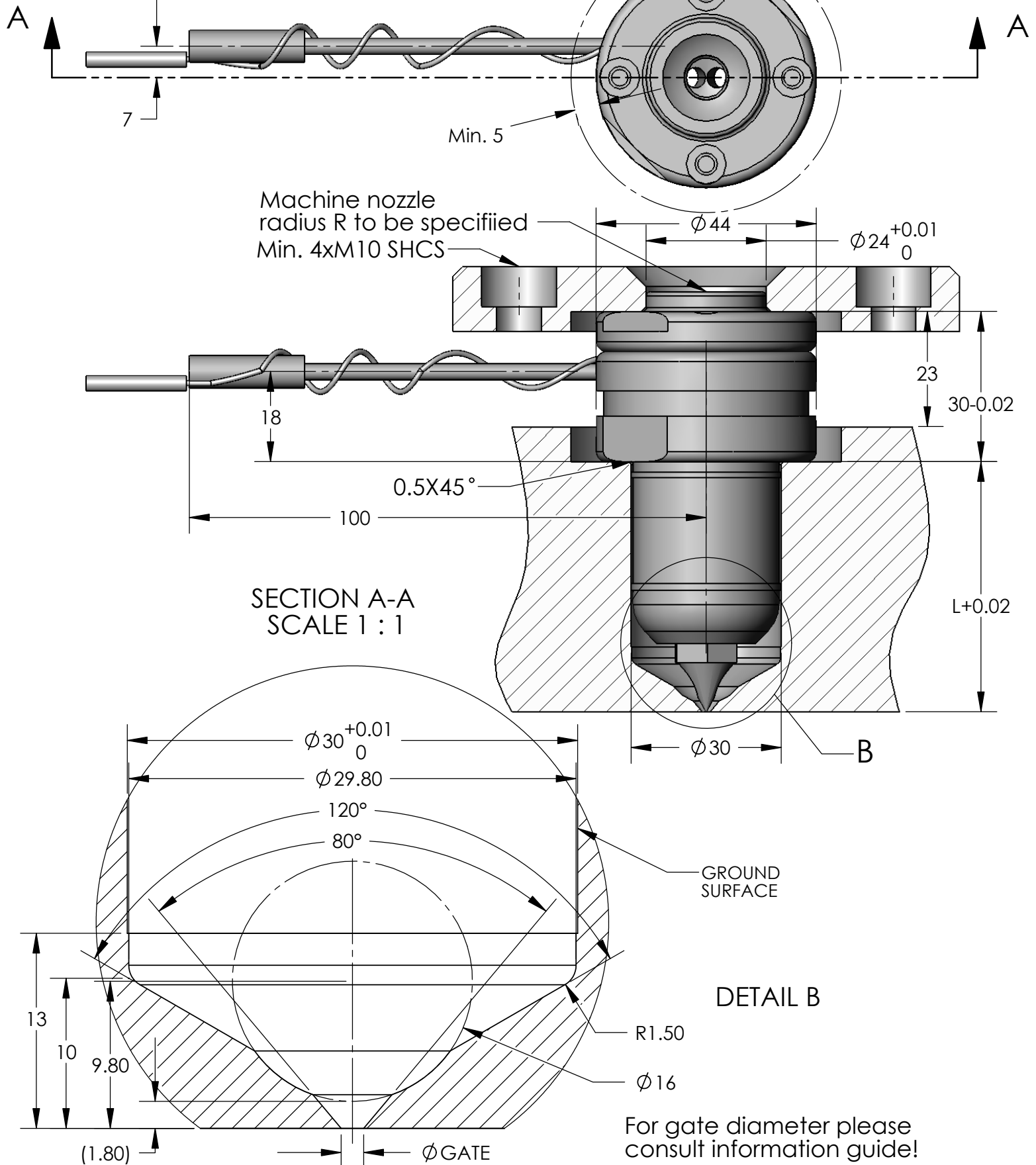
For gate diameter please consult information guide!

Max. shot capacity:
Low viscosity: 400g
Medium viscosity: 250g
High viscosity: 100g



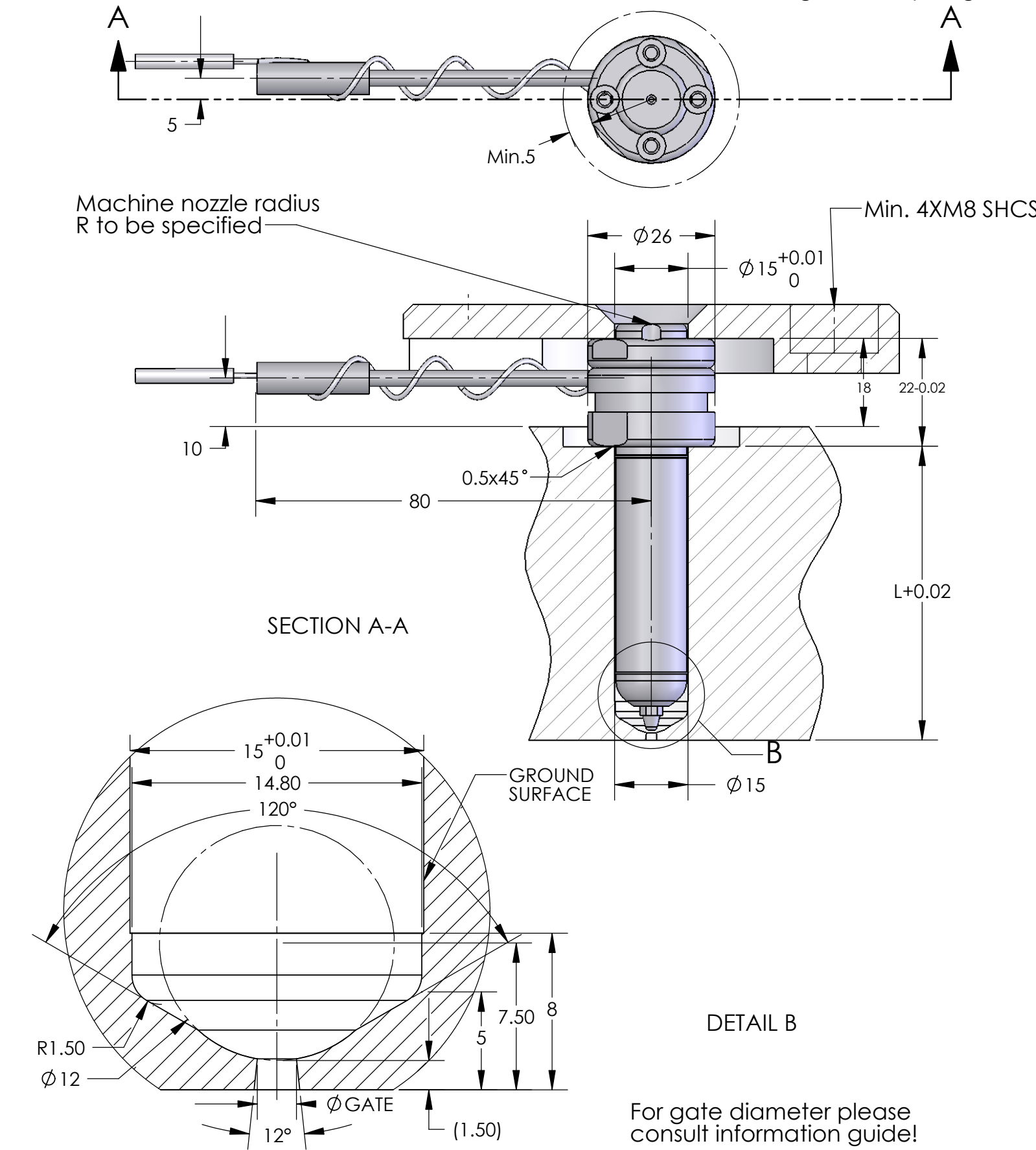
L Dimension (hot condition):
40,50,60,70,80... ..Max. custom length 750mm
Custom dimensions are also available

Max. shot capacity:
Low viscosity: 1200g
Medium viscosity: 900g
High viscosity: 500g



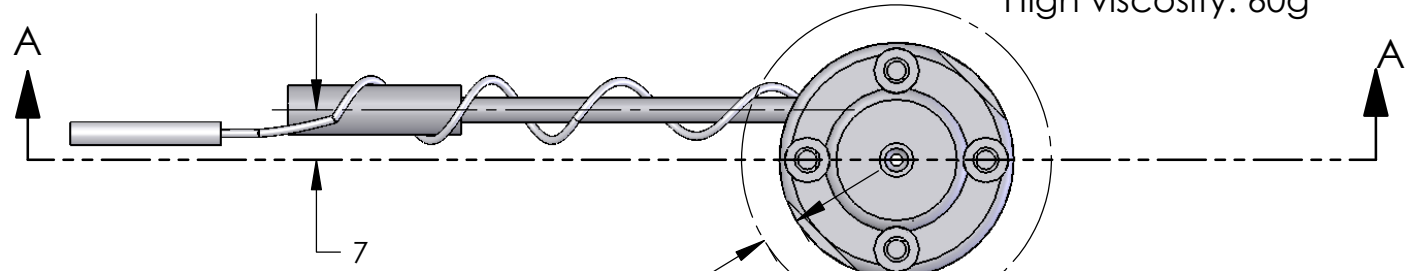
L Dimension (hot condition):
22,30,40,50... ..Max. custom length 150mm
Custom dimensions are also available

Max. shot capacity:
Low viscosity: 50g
Medium viscosity: 30g
High viscosity: 20g

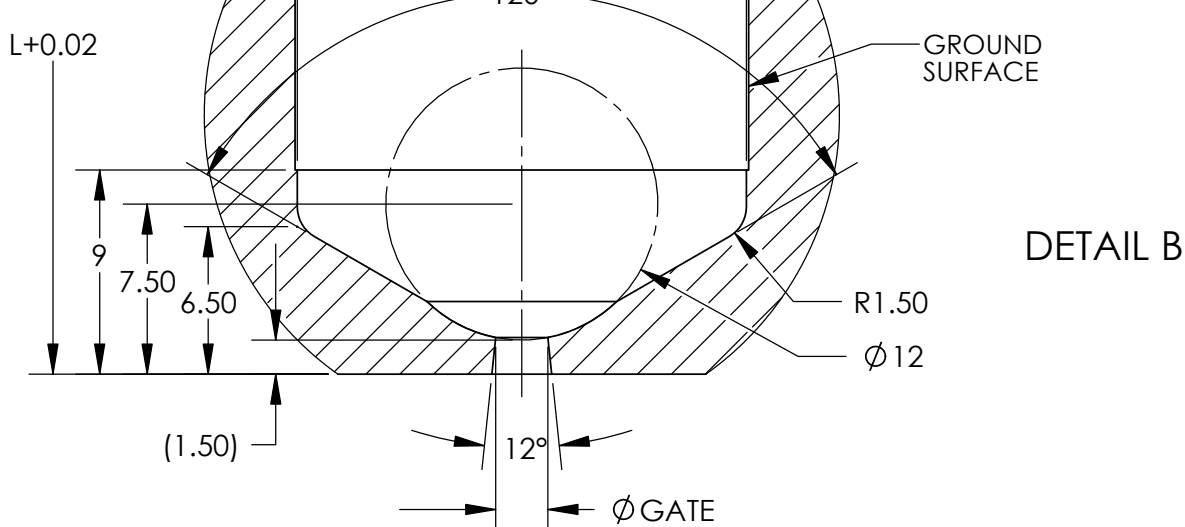
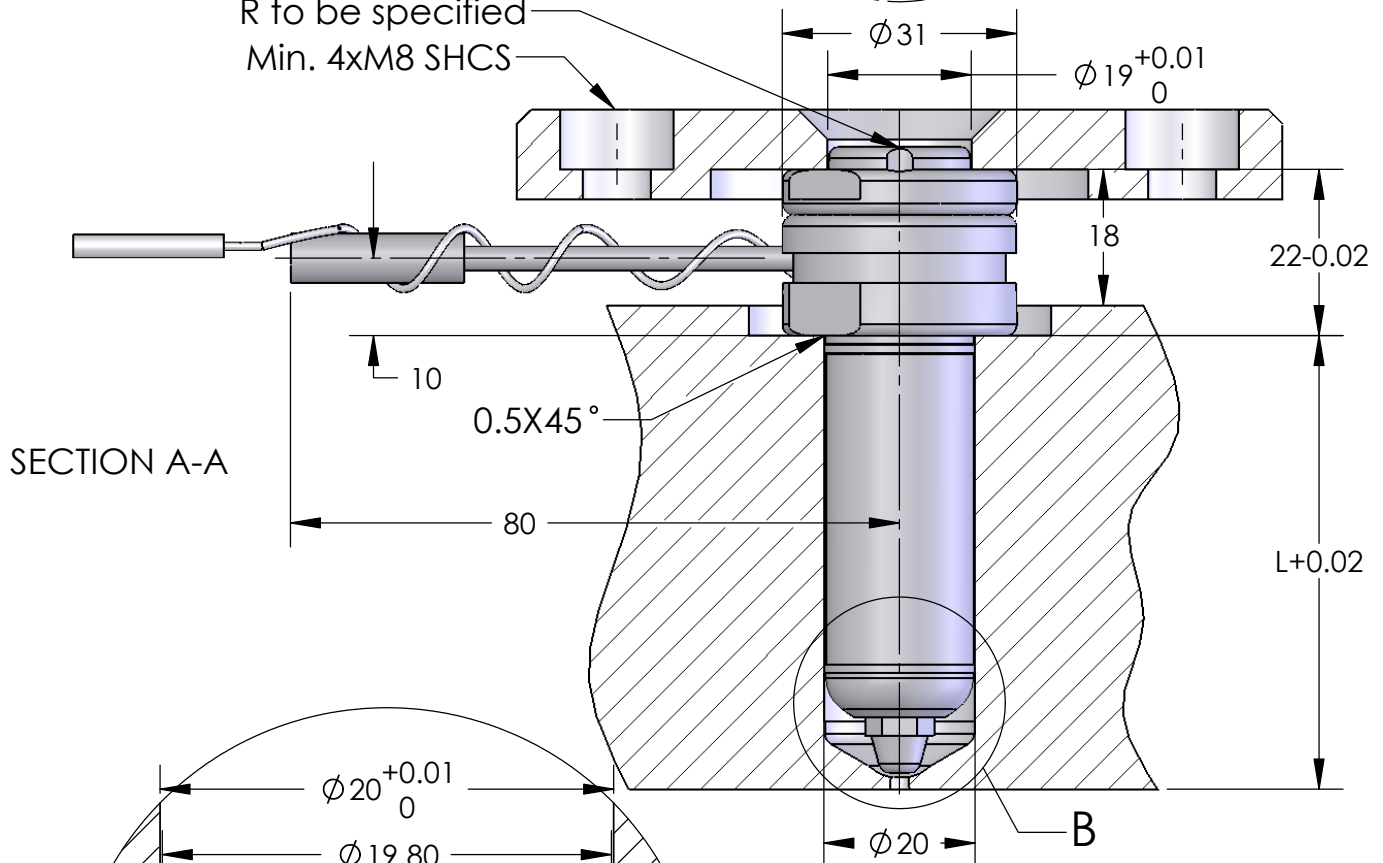


L Dimension(hot condition):
30,40,50... .. Max custom length 250mm
Custom dimensions are also available

Max. shot capacity:
Low viscosity: 120g
Medium viscosity: 90g
High viscosity: 60g



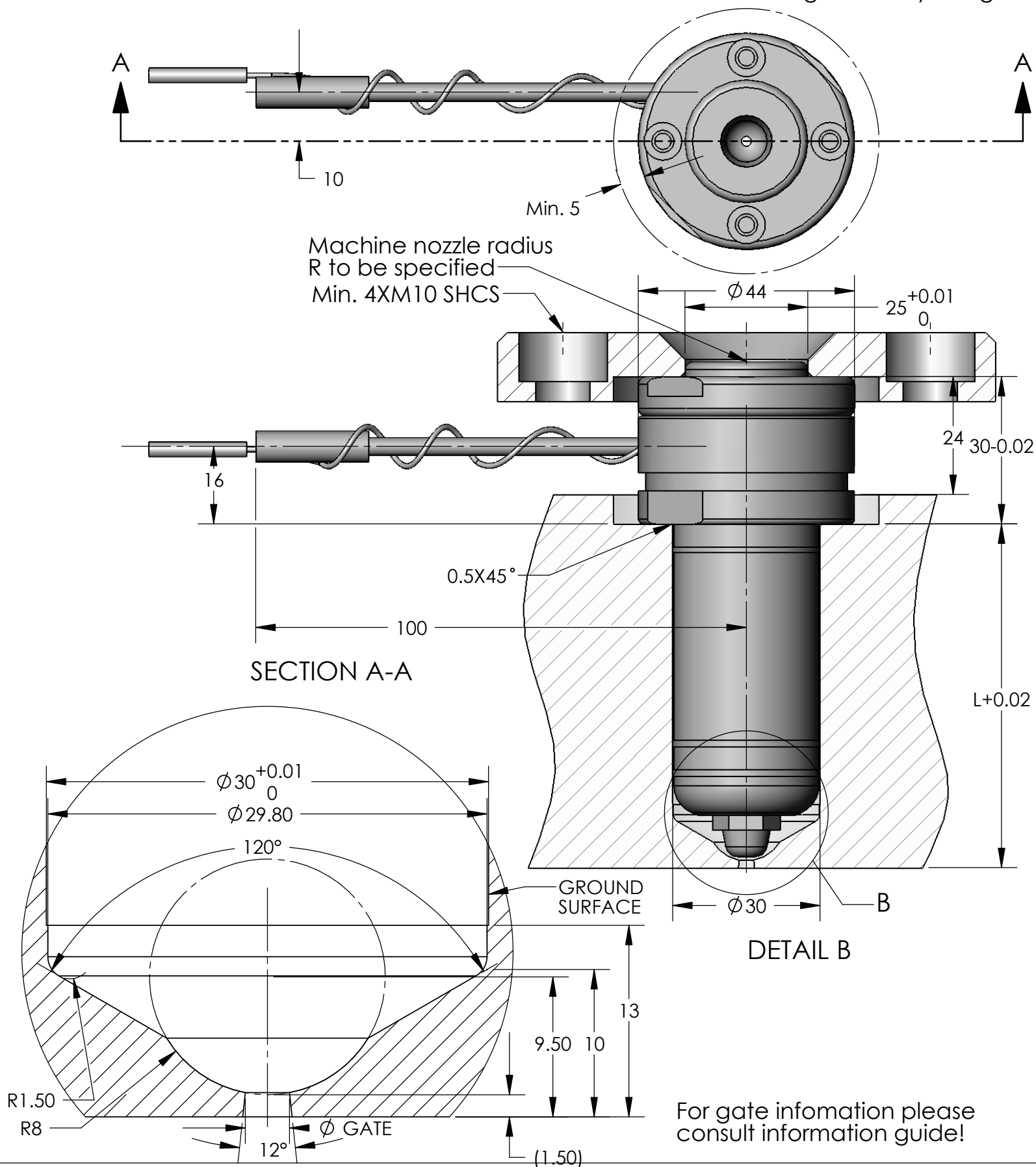
Machine nozzle radius Min. 5
R to be specified
Min. 4xM8 SHCS



For gate diameter please consult information guide!

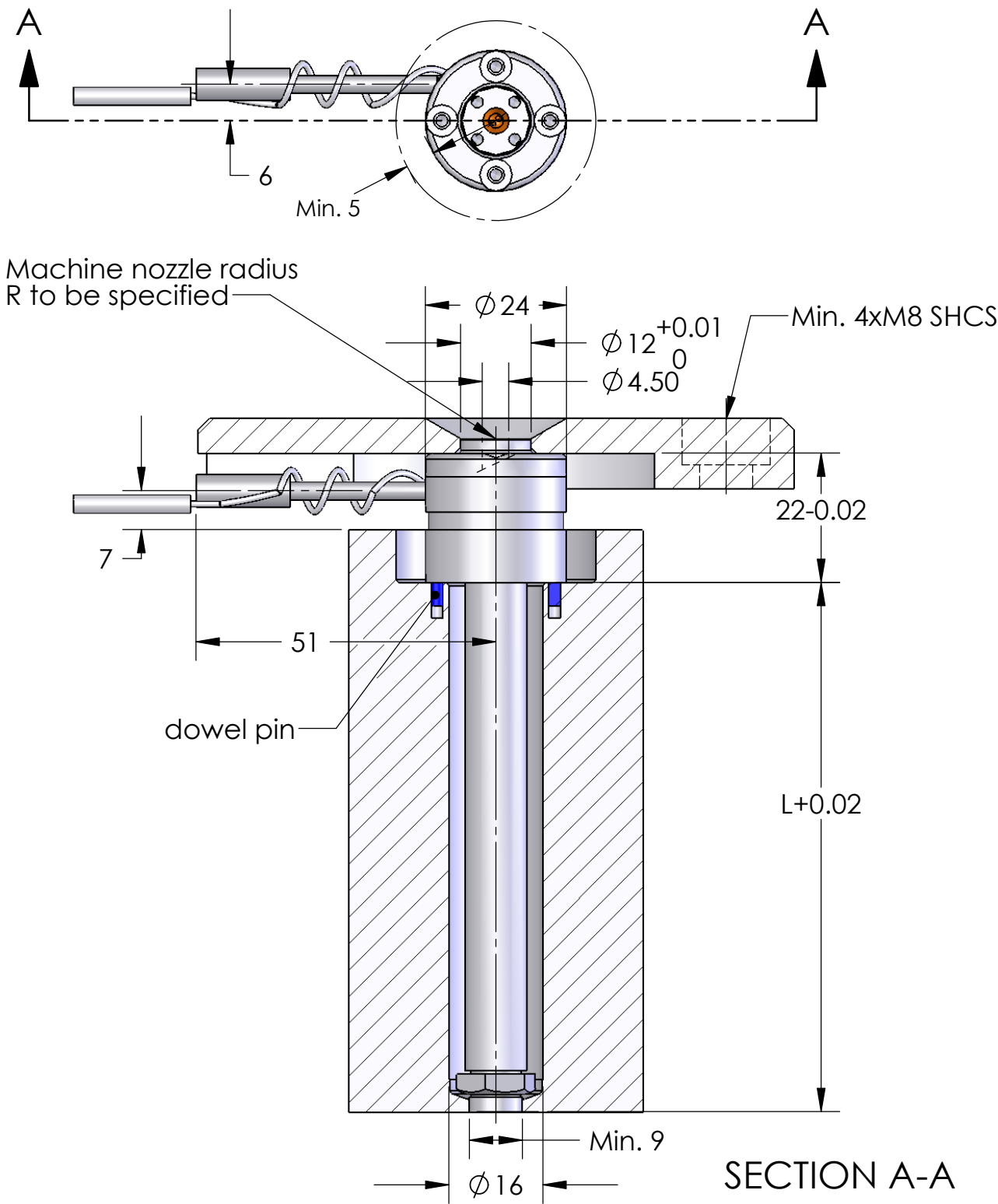
L Dimension (hot condition):
60,80,100... ..Max. custom length 750mm
Custom dimensions are also available

Max shot capacity:
Low viscosity: 1200g
Medium viscosity: 750g
High viscosity: 600g



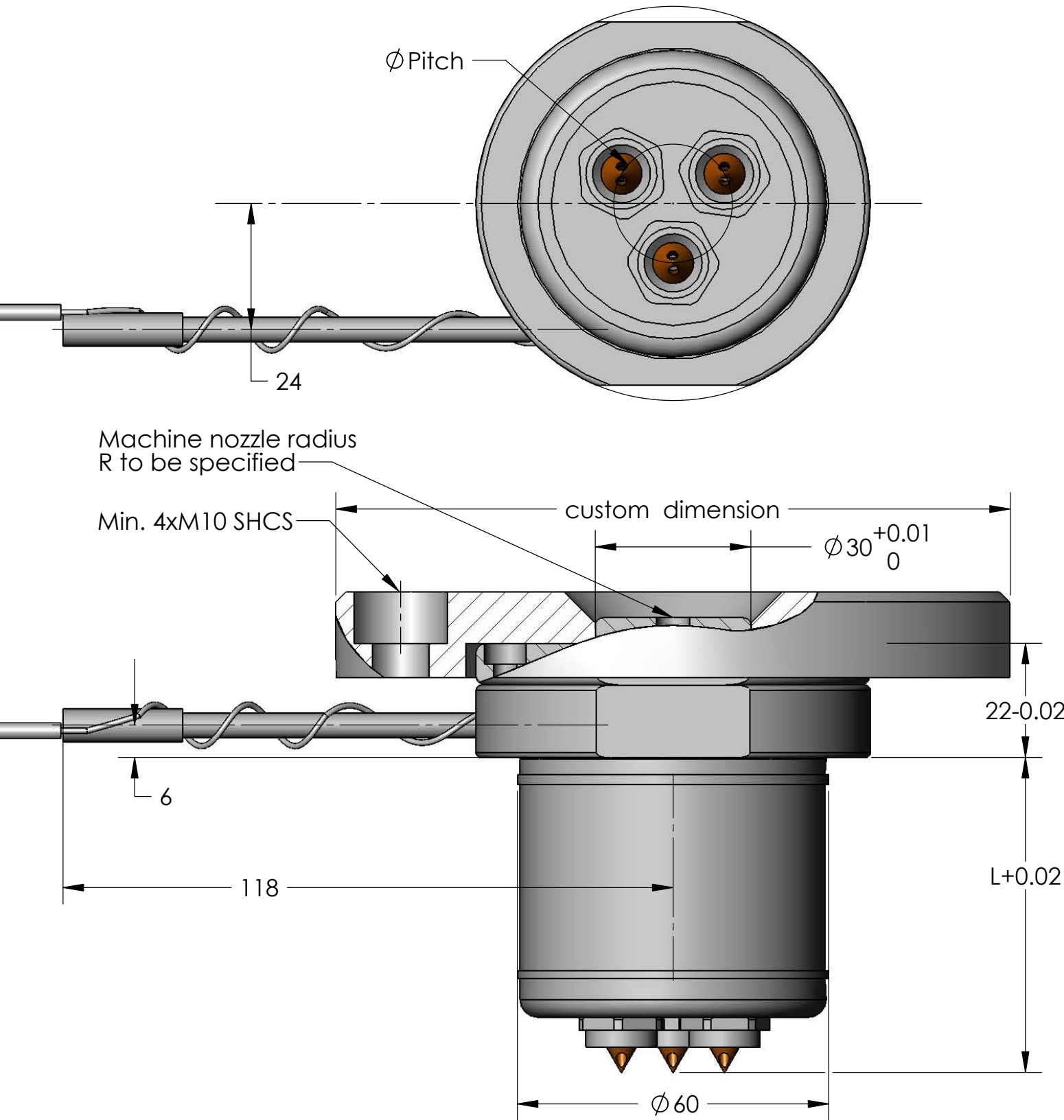
L Dimension (hot condition):
40,50, 60... ..Max. custom length 150mm
16 mm Single Nozzle with 4.5mm melt channel

Max. shot capacity:
Low viscosity: 100g
Medium viscosity: 70g
High viscosity: 40g



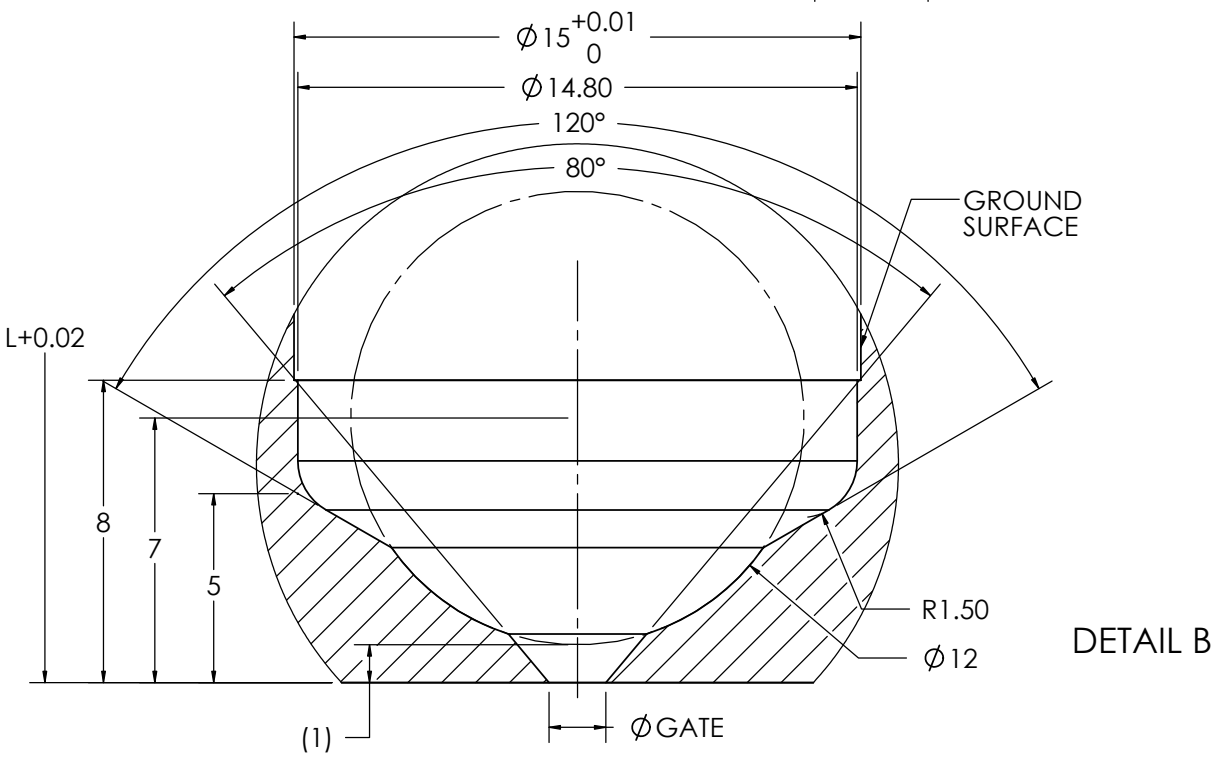
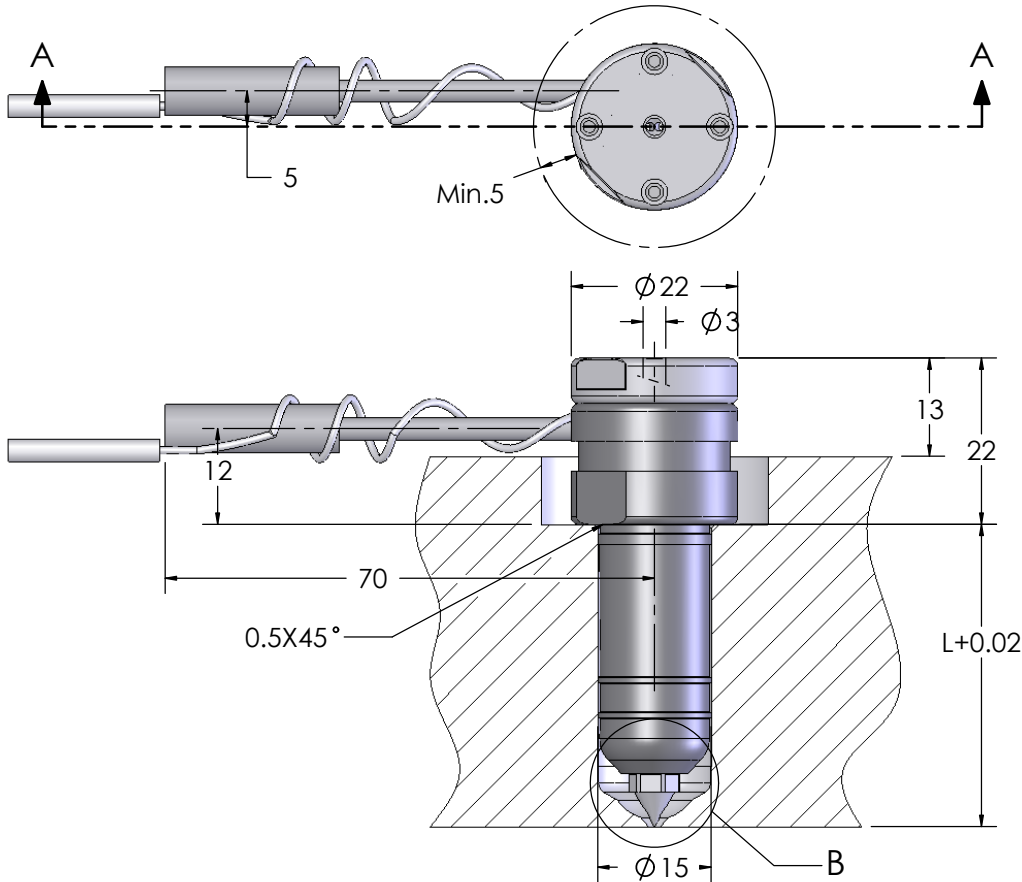
For gate diameter please consult information guide!

Multi-Tip nozzle:
Nozzle No. From 1-n
Custom dimensions are also available



L Dimension (hot condition):
30,40,50,60... .. Max. custom length 150mm
Custom dimensions are also available

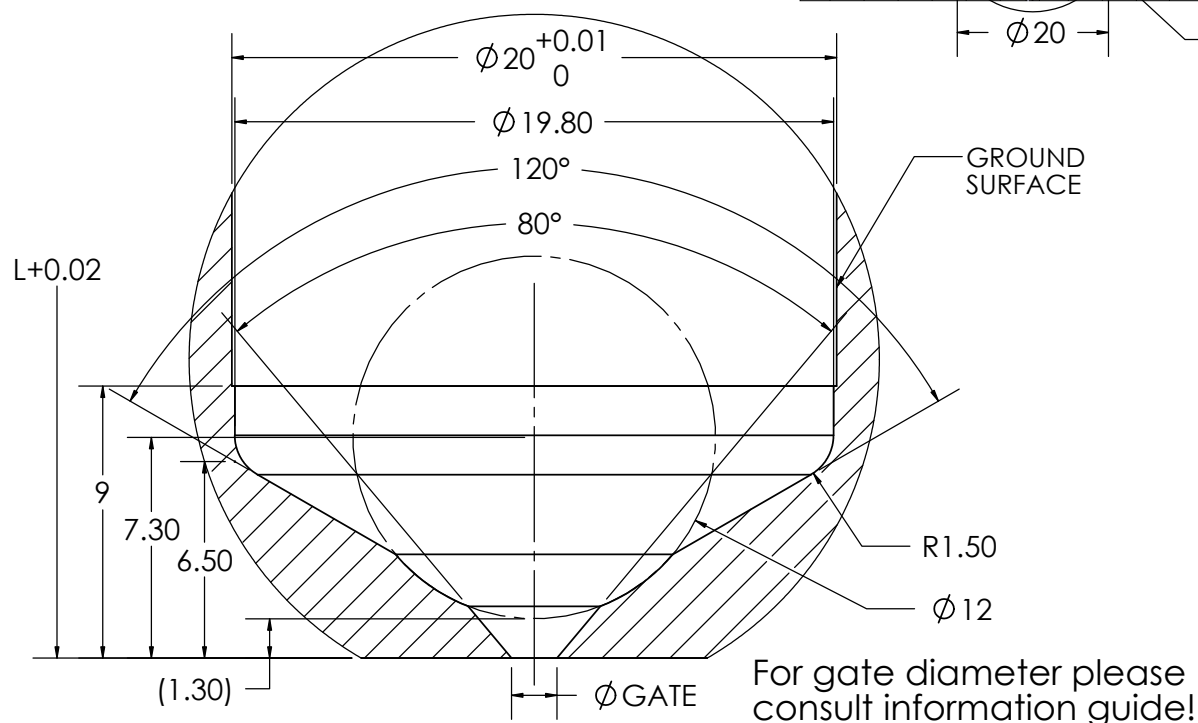
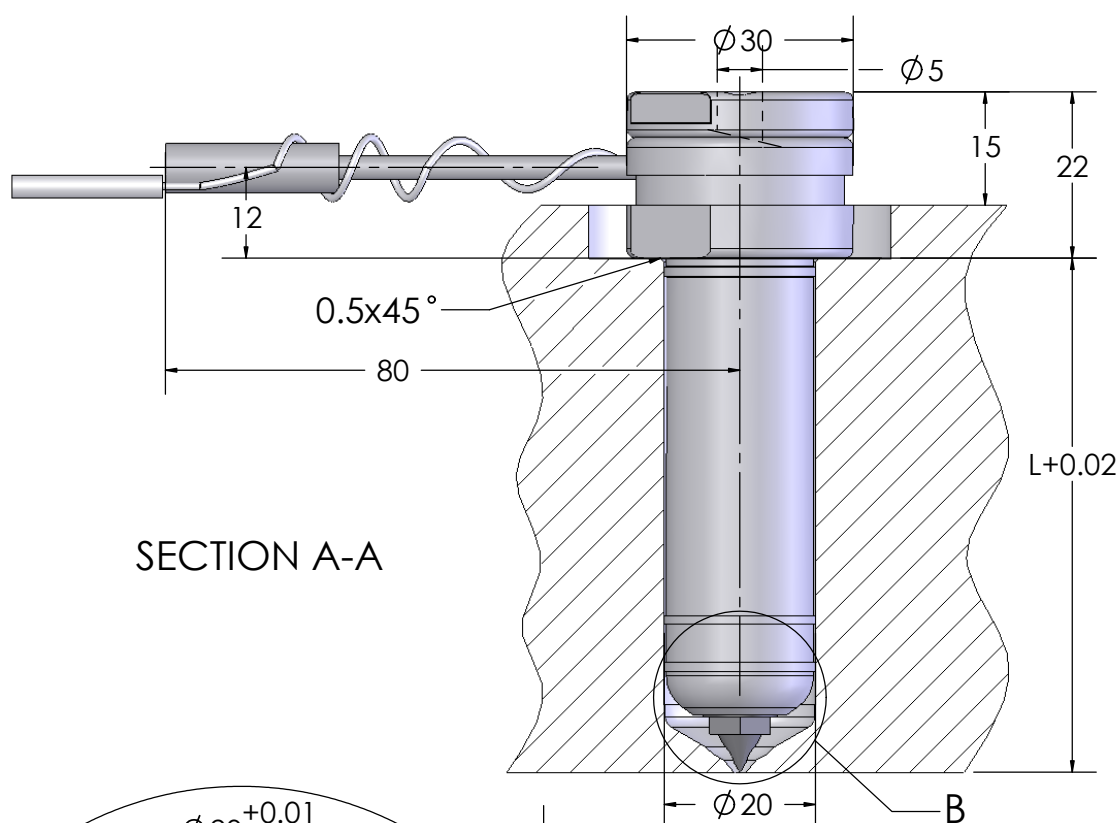
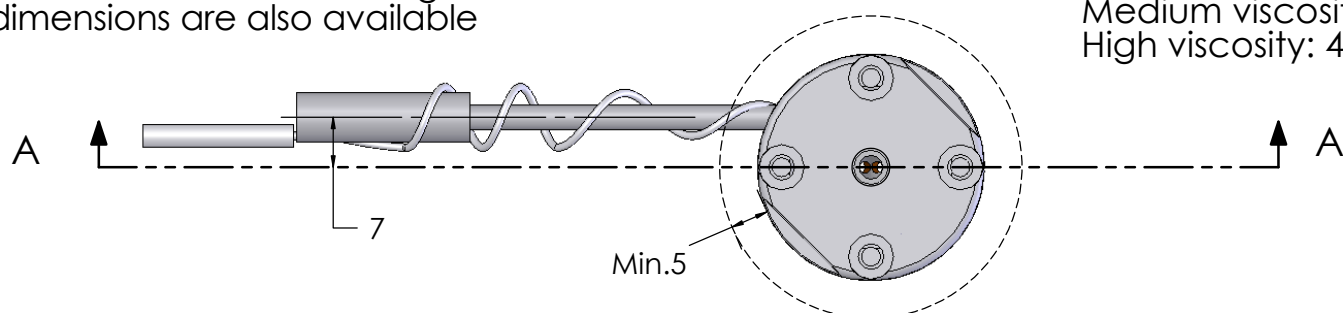
Max. shot capacity:
Low viscosity: 50g
Medium viscosity: 30g
High viscosity: 20g



For gate diameter please consult the information guide!

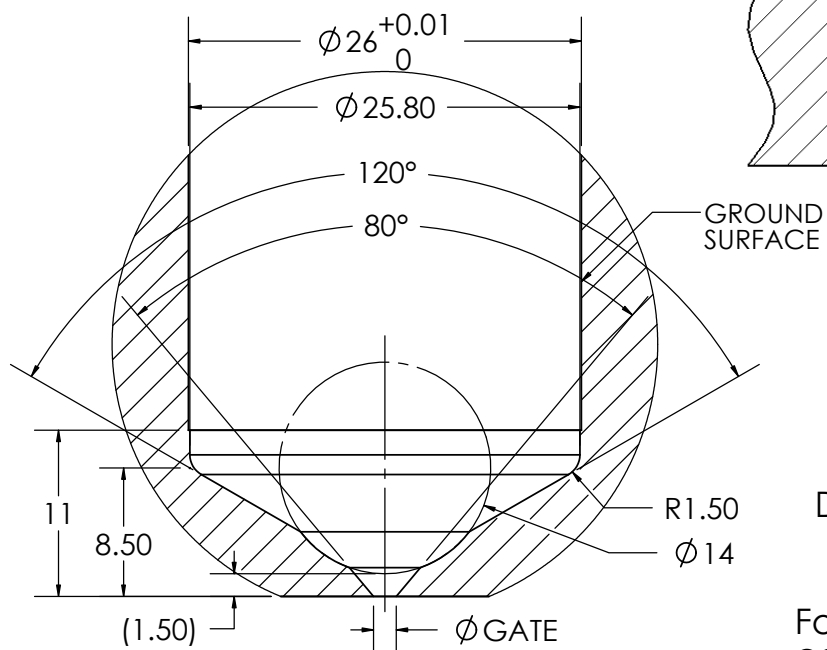
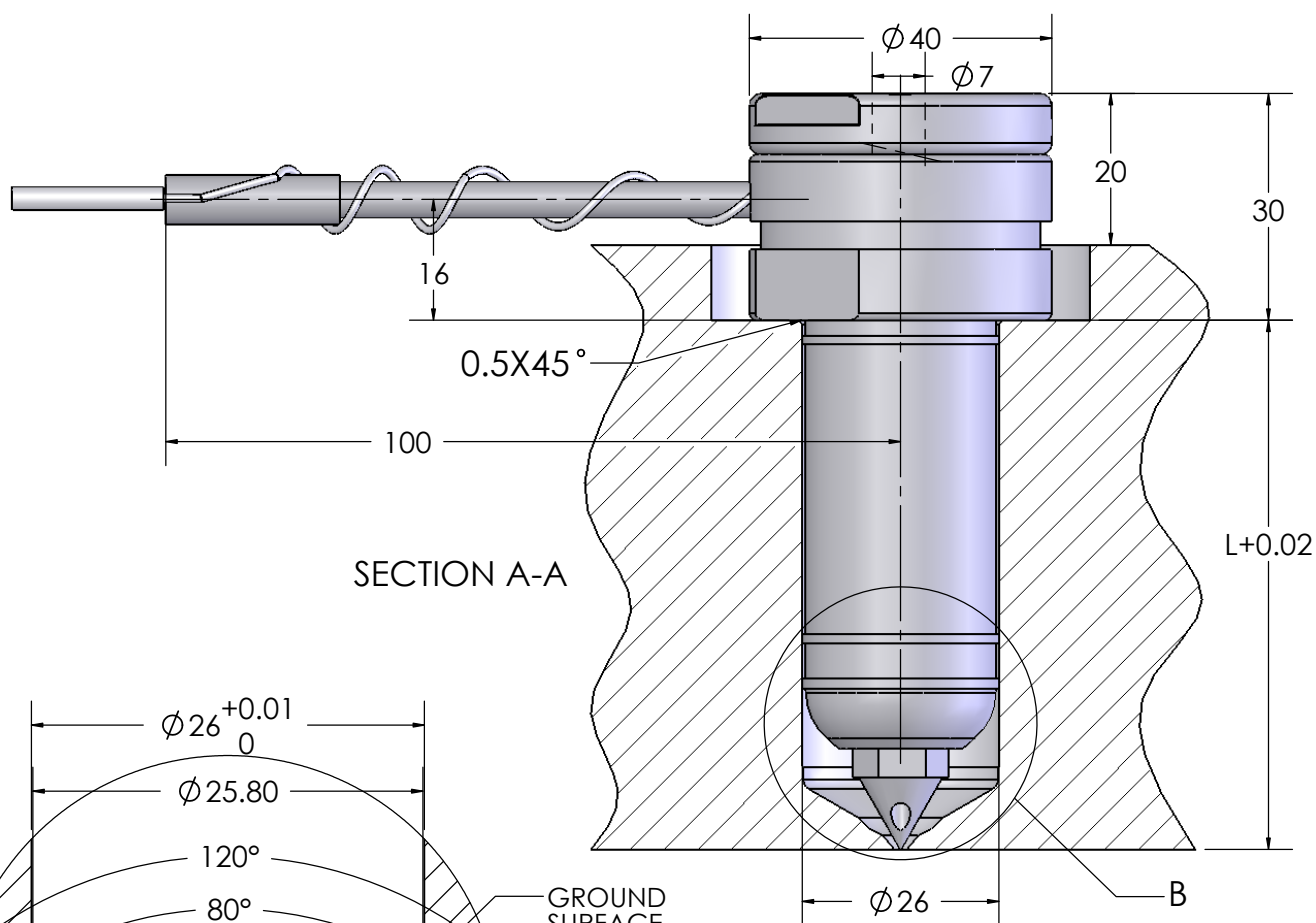
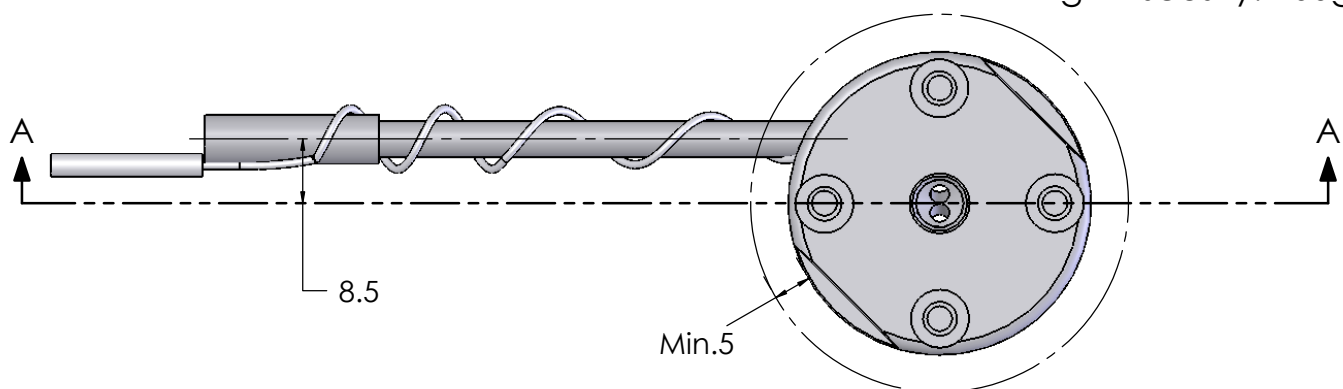
L Dimension (hot condition):
30,40,50,60,70... ..Max. custom length 250mm
Custom dimensions are also available

Max. shot capacity:
Low viscosity: 100g
Medium viscosity: 70g
High viscosity: 40g



L Dimension(hot condition):
 40,50,60,70,80... ..Max. costum length 400mm
 Custom dimensions are also available

Max. shot capacity:
 Low viscosity: 400g
 Medium viscosity: 250g
 High viscosity: 100g



DETAIL B

For gate diameter please
 consult information guide 1

Max. shot capacity:
Low viscosity: 900g
Medium viscosity: 500g
High viscosity: 300g

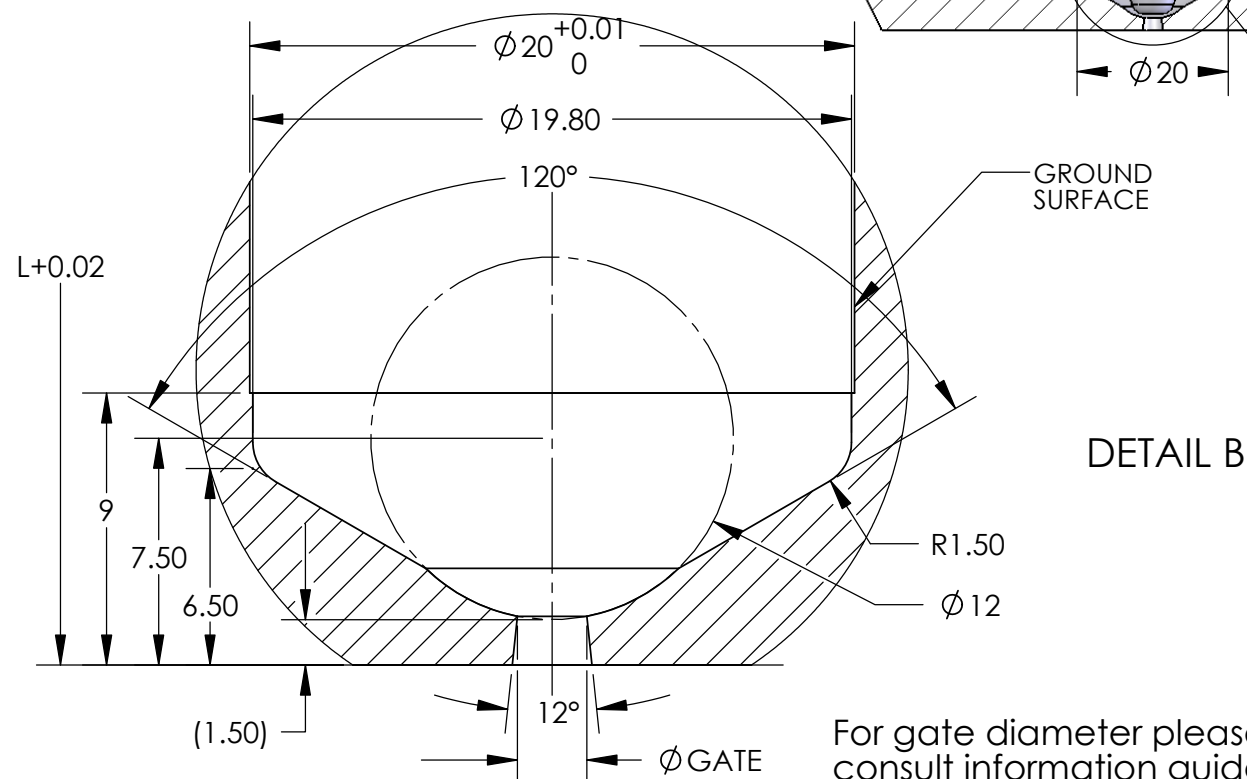
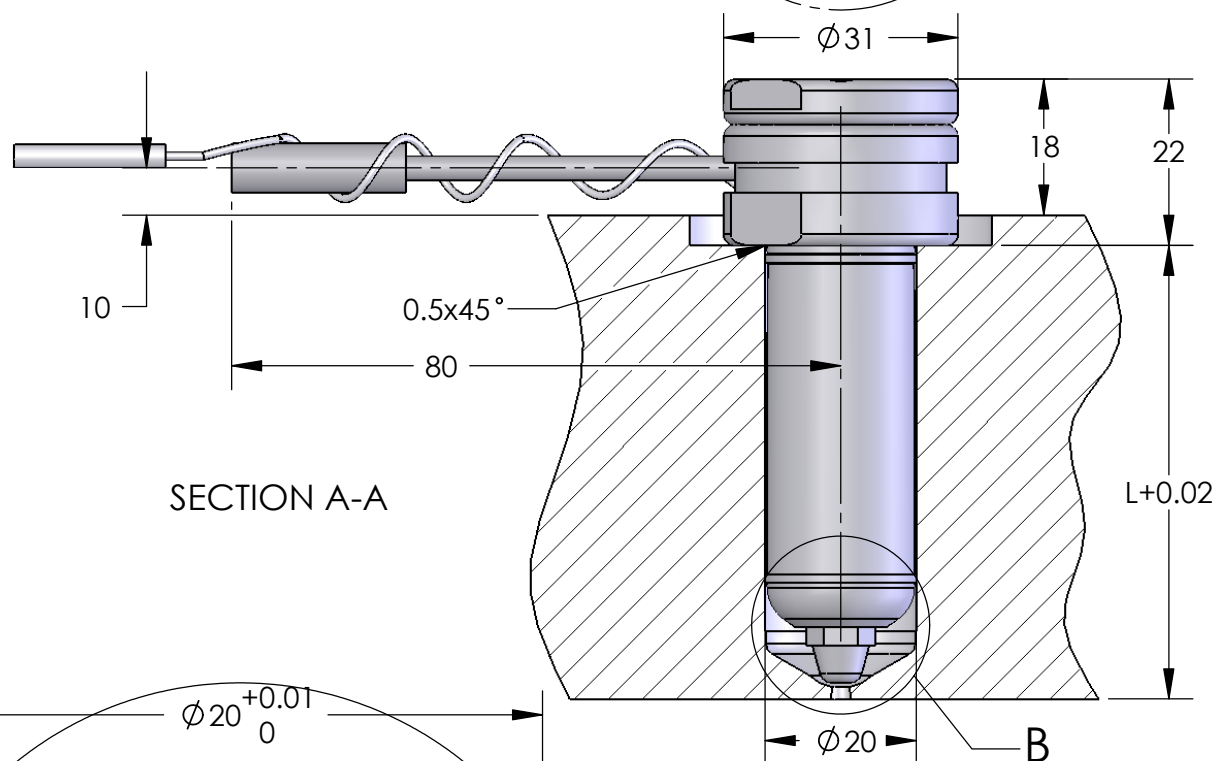
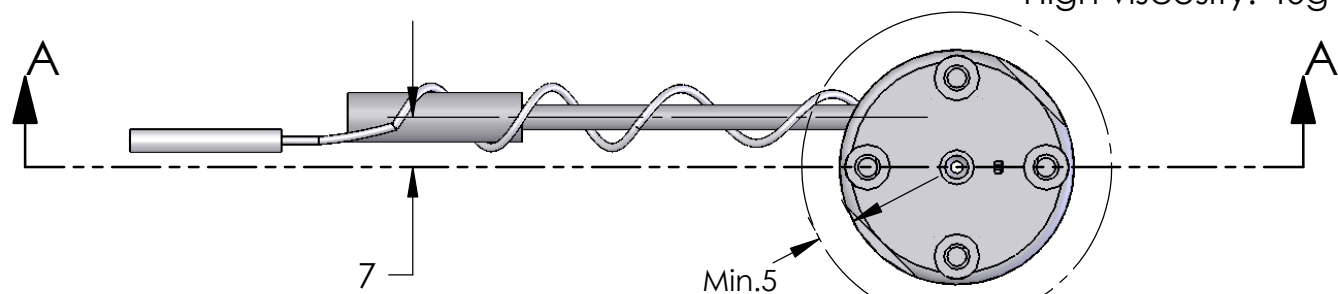


Max. shot capacity:
Low viscosity: 50g
Medium viscosity: 30g
High viscosity: 20g



L Dimension (hot condition):
30,40,50... ..Max. custom length 250mm
Custom dimensions are also available

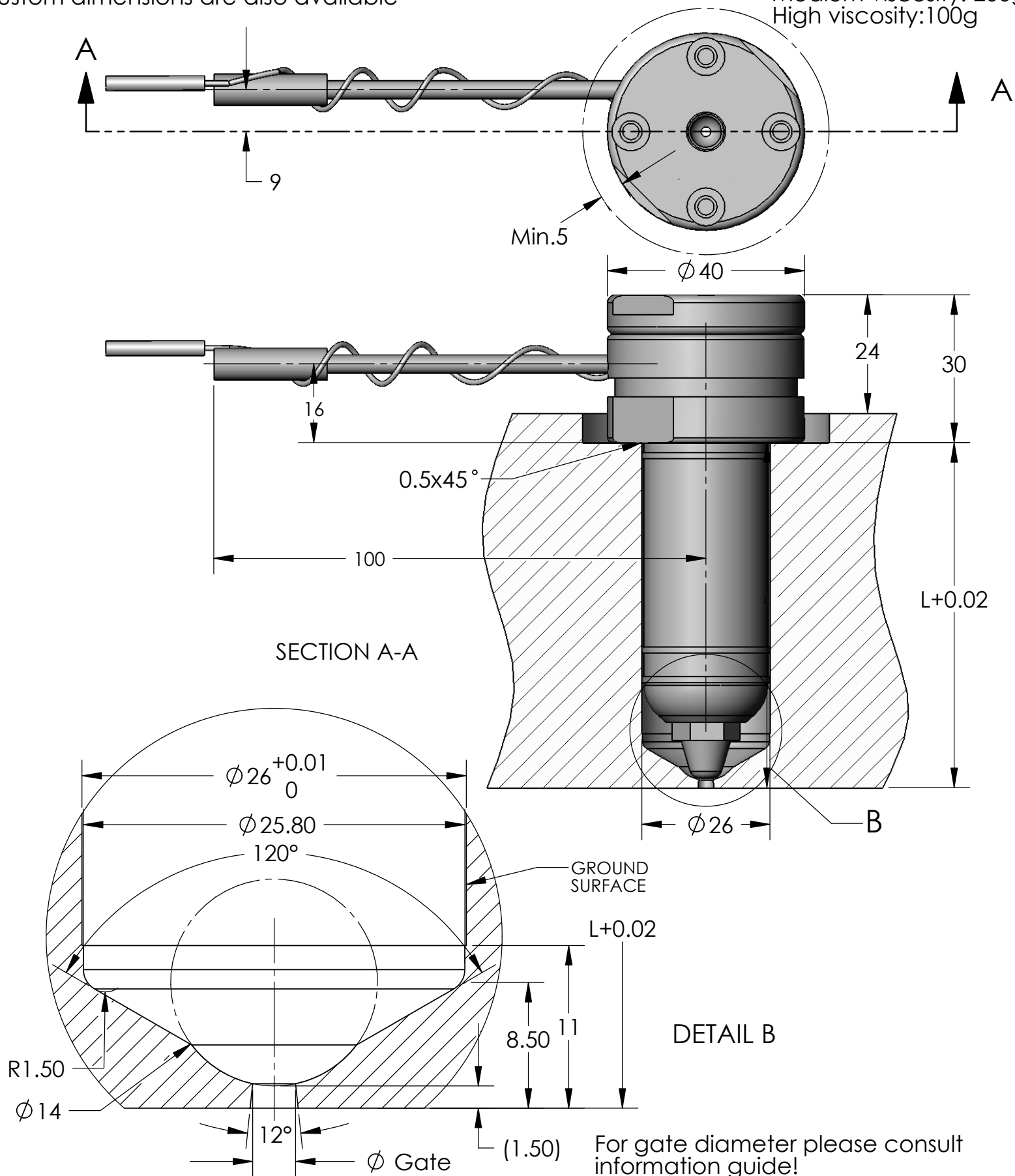
Max. shot capacity:
Low viscosity: 100g
Medium viscosity: 70g
High viscosity: 40g



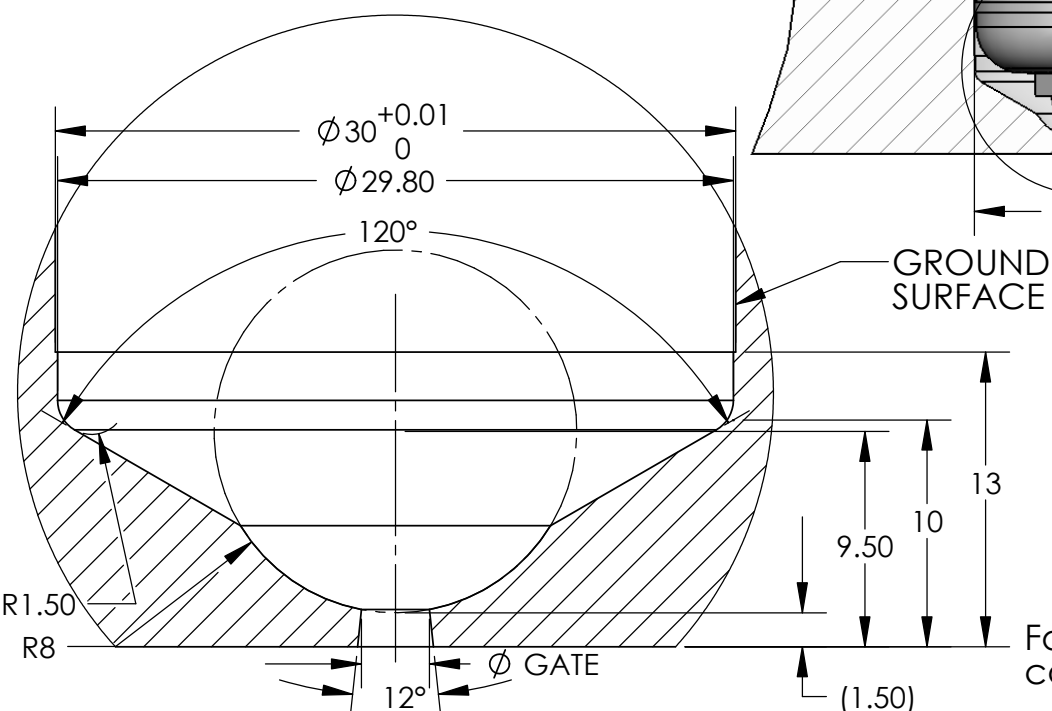
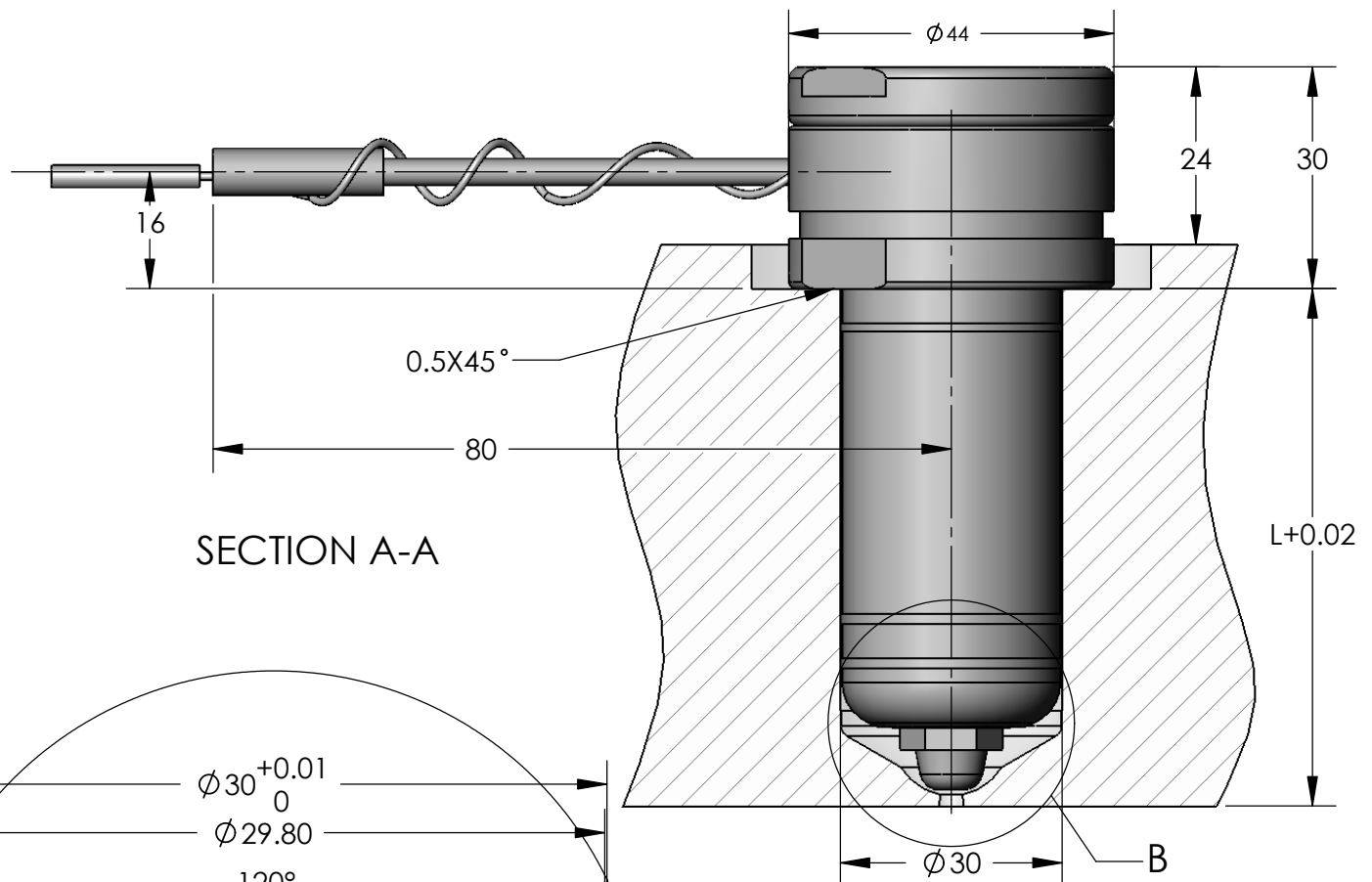
For gate diameter please
consult information guide!

L Dimension (hot condition):
40,50,60,70... ..Max. custom length 400mm
Custom dimensions are also available

Max. shot capacity:
Low viscosity: 300g
Medium viscosity: 200g
High viscosity: 100g



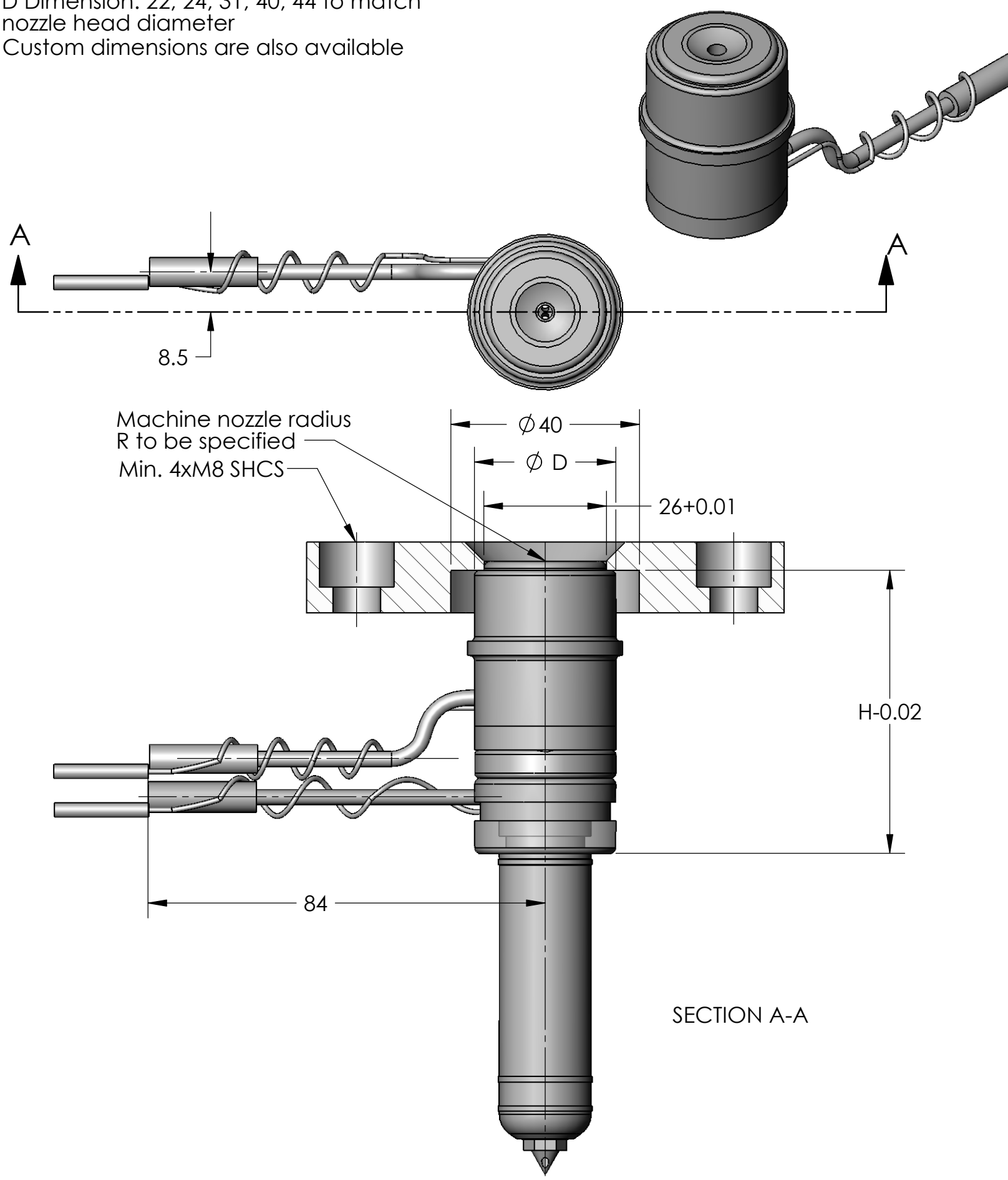
Max shot capacity:
Low viscosity: 1000g
Medium viscosity: 600g
High viscosity: 400g



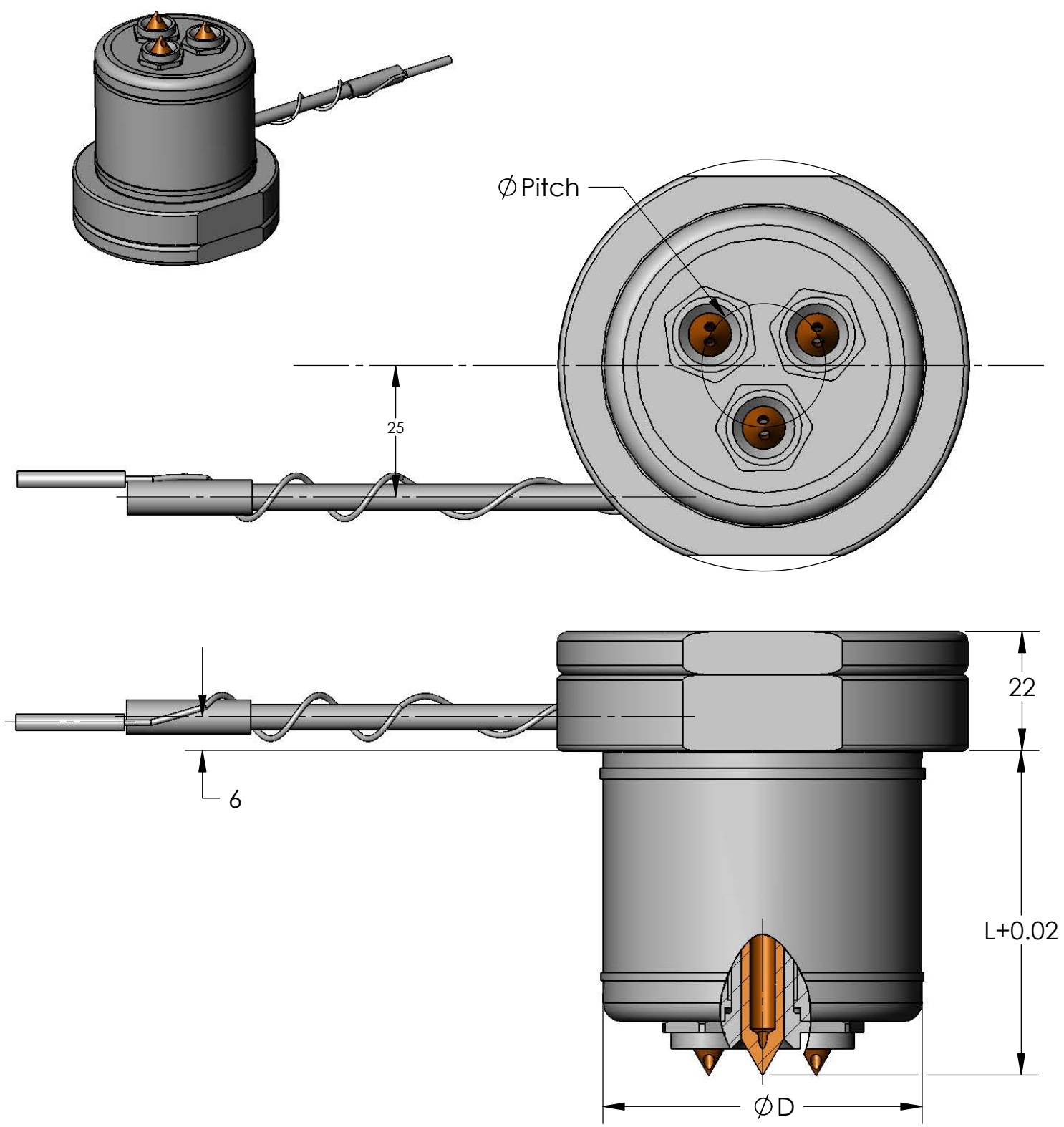
DETAIL B

For gate information please
consult information guide!

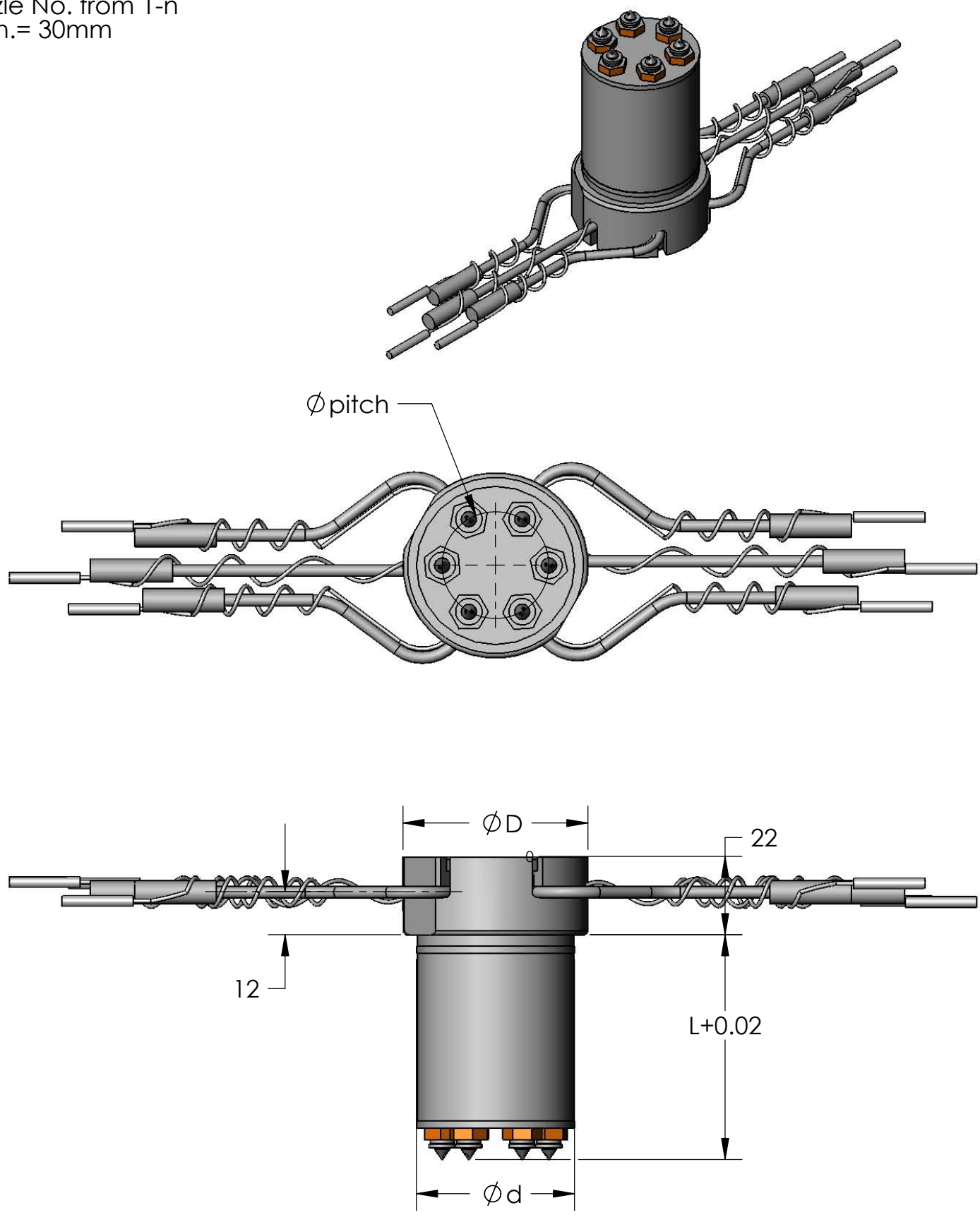
D Dimension: 22, 24, 31, 40, 44 to match nozzle head diameter
Custom dimensions are also available



Custom made Multi-Tip nozzle:
Tip Number From 1-n
Lmin=40mm



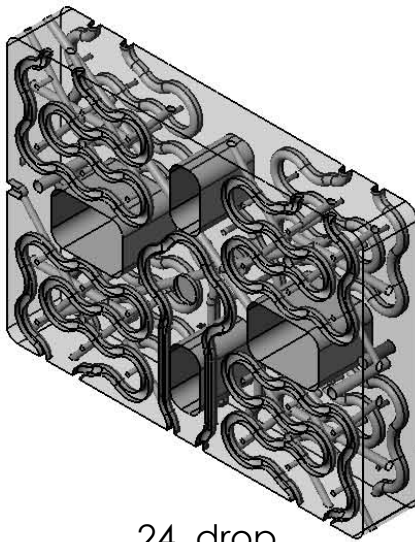
Custom made Individual Heater And Thermocouple
Multi-Tip Nozzle:
Nozzle No. from 1-n
Lmin.= 30mm



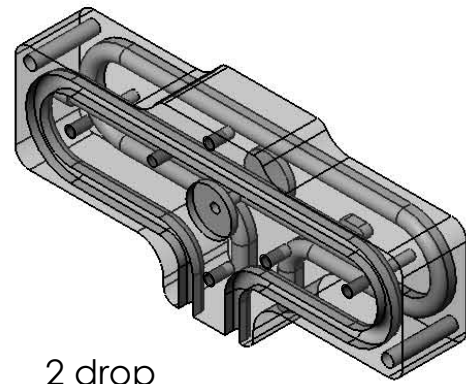
Custom dimensions are also available



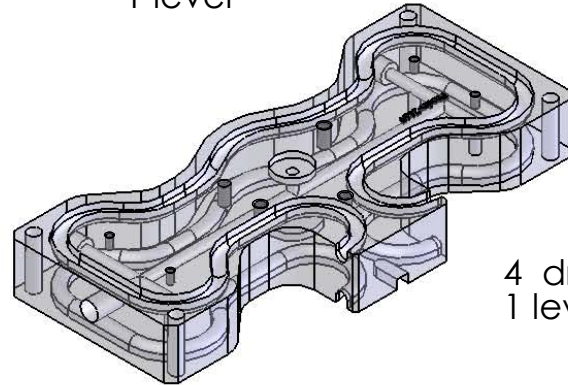
We custom make rheologically or artificially balanced manifolds



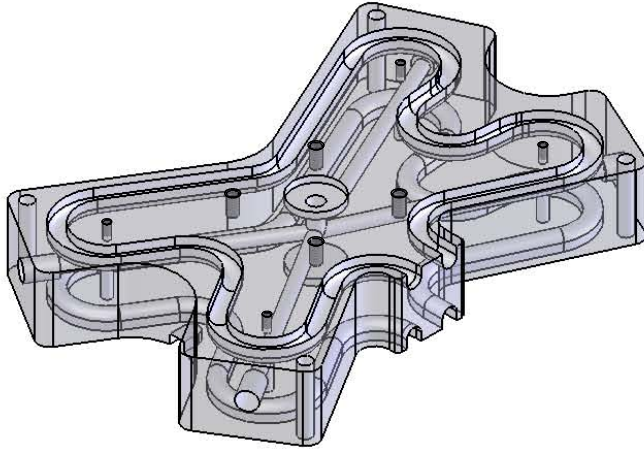
24 drop
3 level



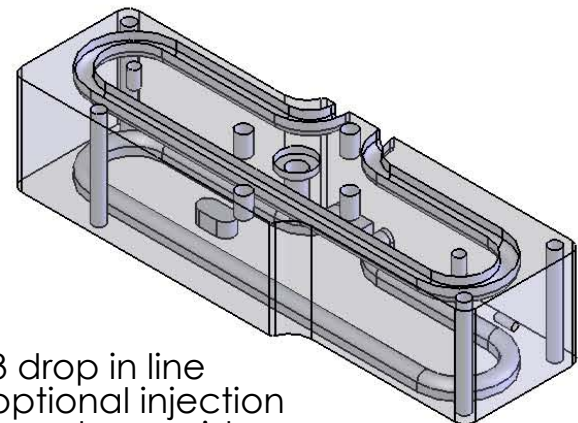
2 drop
1 level



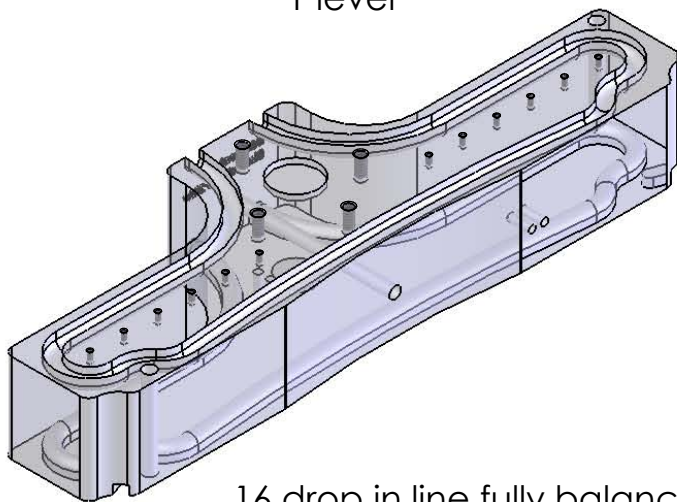
4 drop H
1 level



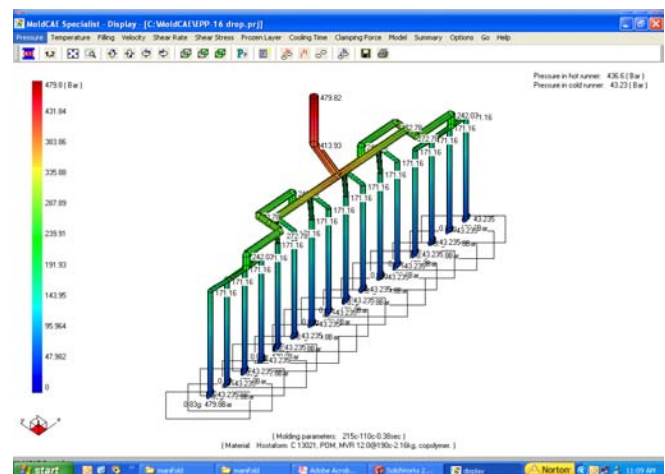
4 drop x
1 level



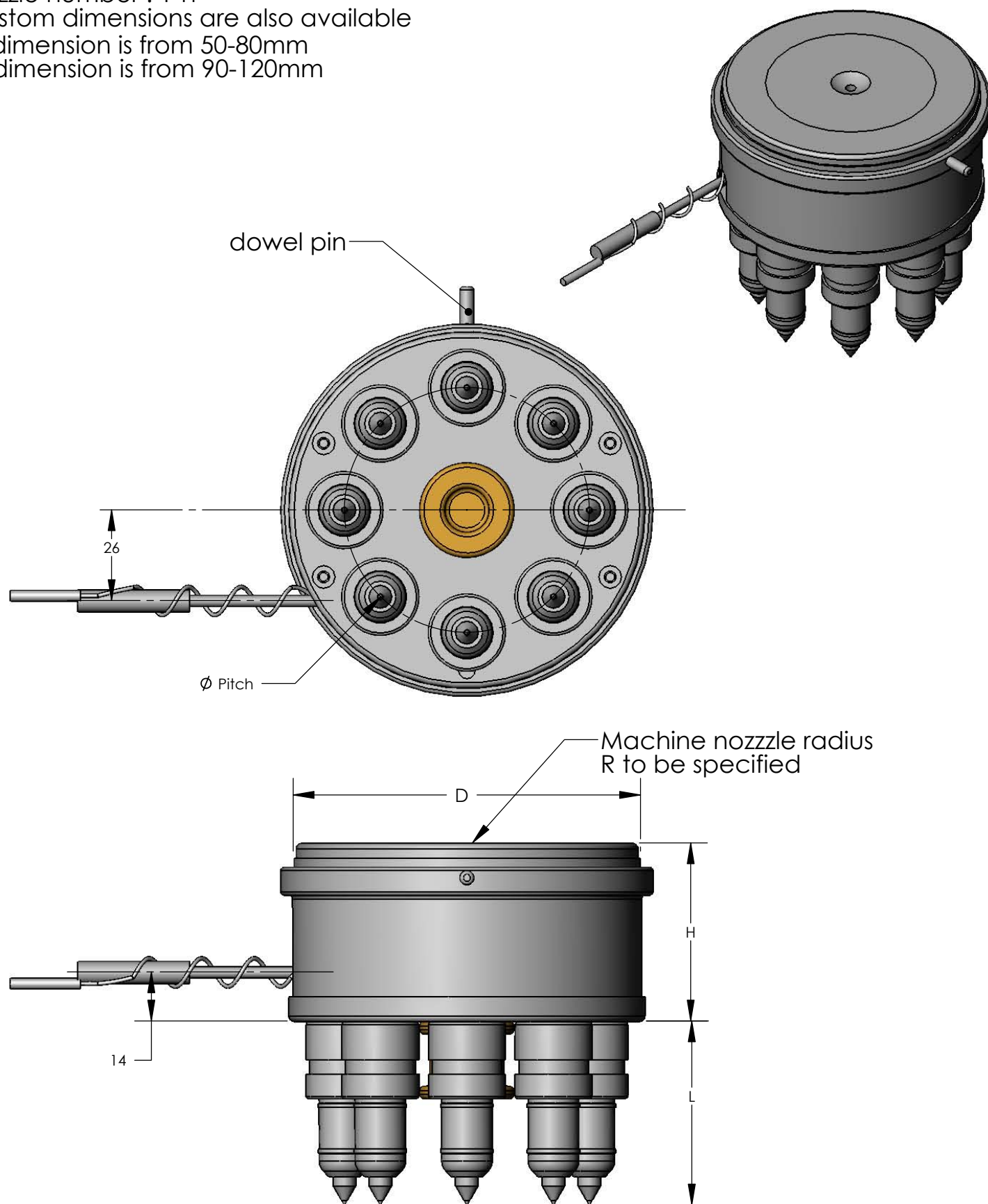
3 drop in line
optional injection
from top or side



16 drop in line fully balanced
3 level



Nozzle number : 1-n
Custom dimensions are also available
H dimension is from 50-80mm
D dimension is from 90-120mm



Gate diameter depending on plastic material and shot weight

Part Weight: gramm

6000																		*		#	
5500																		*		#	
5000																	*		#		
4500															*			#		○	
4000													*			#			○		
3500												*			#			○		X	
3000											*			#			○		X		
2500										*			#			○		X			
2000									*			#			○		X				
1500								*			#			○		X					
1000								*			#			○		X					
600							*			#			○		X						
300						*			#			○		X							
150					*			#			○		X								
80				*			#			○		X									
40			*			#			○		X										
20		*			#			○		X											
10	*			#			○		X												
5		*		#		○		X													
1		#			○		X														
	#			○		X															
		○		X																	
	0.3	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2

Gate Diameter: mm

*, Low viscosity material: LCR, PUR
MVR>19cm³/10min

#, Low viscosity material: PE, SB, EVA, PP, TPE etc.
MVR>19cm³/10min

○, Intermediate viscosity material: PA, PBTP, ABS, SAN, POM, PPO, PETP ect.
MVR from 7-14cm³/10min

X: High viscosity material: PMMA, PC, CA, PSO, PPS, PES, PEEK ect.
MVR <6cm³/10min

The table represents only a rough guide. If the exact part geometry is known, contact our office or your material manufacturer's. You may get a diameter which differs from the table.