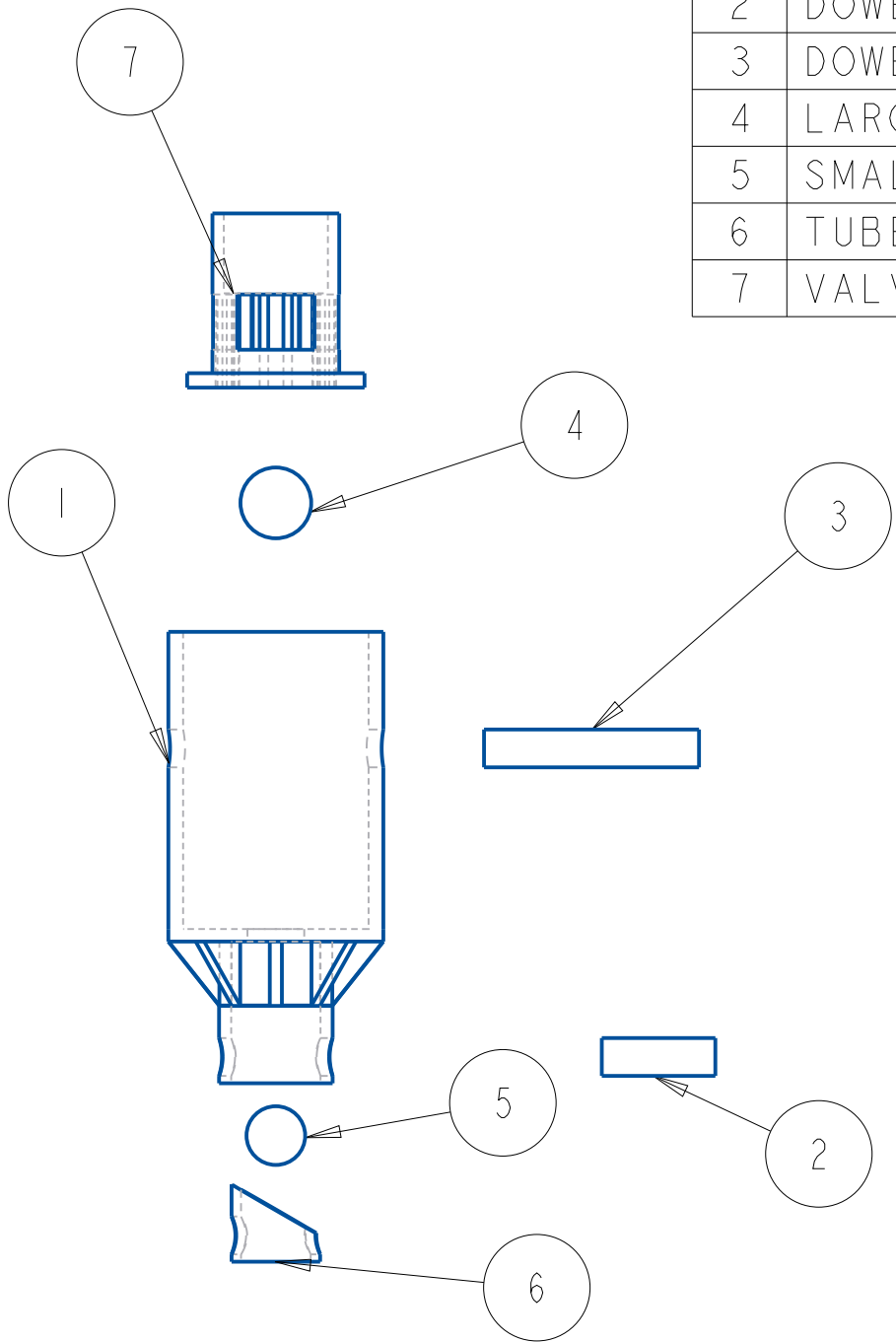


Mechanical Science and Engineering University of Illinois: Urbana-Champaign	
ME270	Part Name: valveassembly
4/25/2020	Material:
Size: A	Drawn By: Justin Miner
Scale: 2.000	Part Number: valveassembly
Team	
ABA_1	
Sheet	
1 of 3	

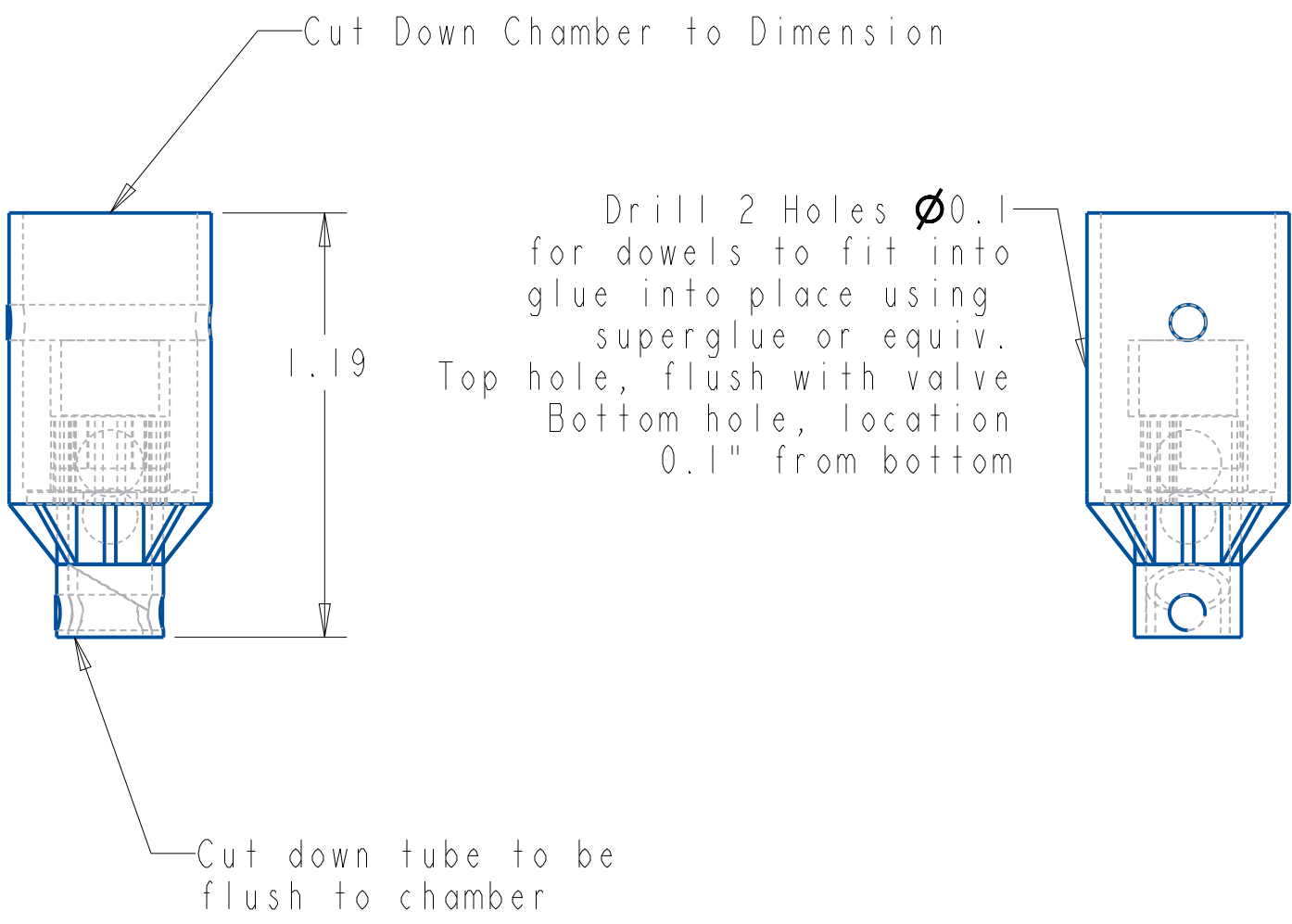
Units: inch
 .X = ±.02 .XX = ±.01
 .XXX = ±.005 .XXXX = ±.0005
 Angles: ±30'
 UNLESS OTHERWISE STATED

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	CHAMBER	1	chamber.prt	
2	DOWEL 1	1	dowell.prt	
3	DOWEL 2	1	dowel2.prt	
4	LARGERBALL	1	largerball.prt	
5	SMALLERBALL	1	smallerball.prt	
6	TUBE	1	tube.prt	
7	VALVE	1	valve.prt	



Units: inch
.X = ±.02 .XX = ±.01
.XXX = ±.005 .XXXX = ±.0005
Angles: ±30'
UNLESS OTHERWISE STATED

Mechanical Science and Engineering University of Illinois: Urbana-Champaign	
ME270 4/25/2020	Part Name: valveassembly
Size: A Scale: 2.000	Material:
Team ABA_1	Drawn By: Justin Miner
Sheet 2 of 3	Part Number: valveassembly



Drill 2 Holes $\varnothing 0.1$
 for dowels to fit into
 glue into place using
 superglue or equiv.
 Top hole, flush with valve
 Bottom hole, location
 0.1" from bottom

Units: inch
 .X = ± 0.02 .XX = ± 0.01
 .XXX = ± 0.005 .XXXX = ± 0.0005
 Angles: $\pm 30'$
 UNLESS OTHERWISE STATED

Mechanical Science and Engineering University of Illinois: Urbana-Champaign	
ME270 4/25/2020	Part Name: valveassembly
Size: A Scale: 2.000	Material:
Team ABA_1	Drawn By: Justin Miner
Sheet 3 of 3	Part Number: valveassembly