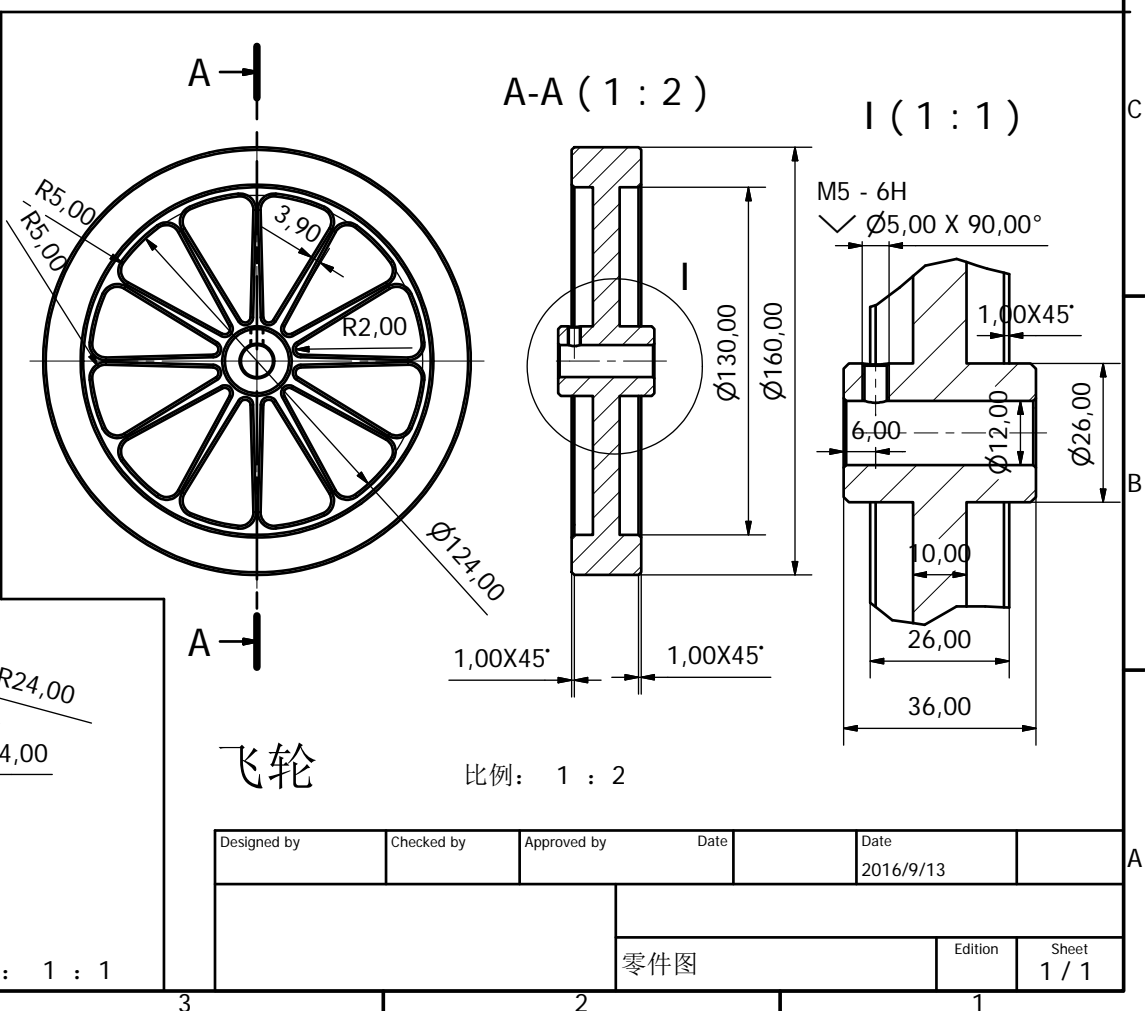
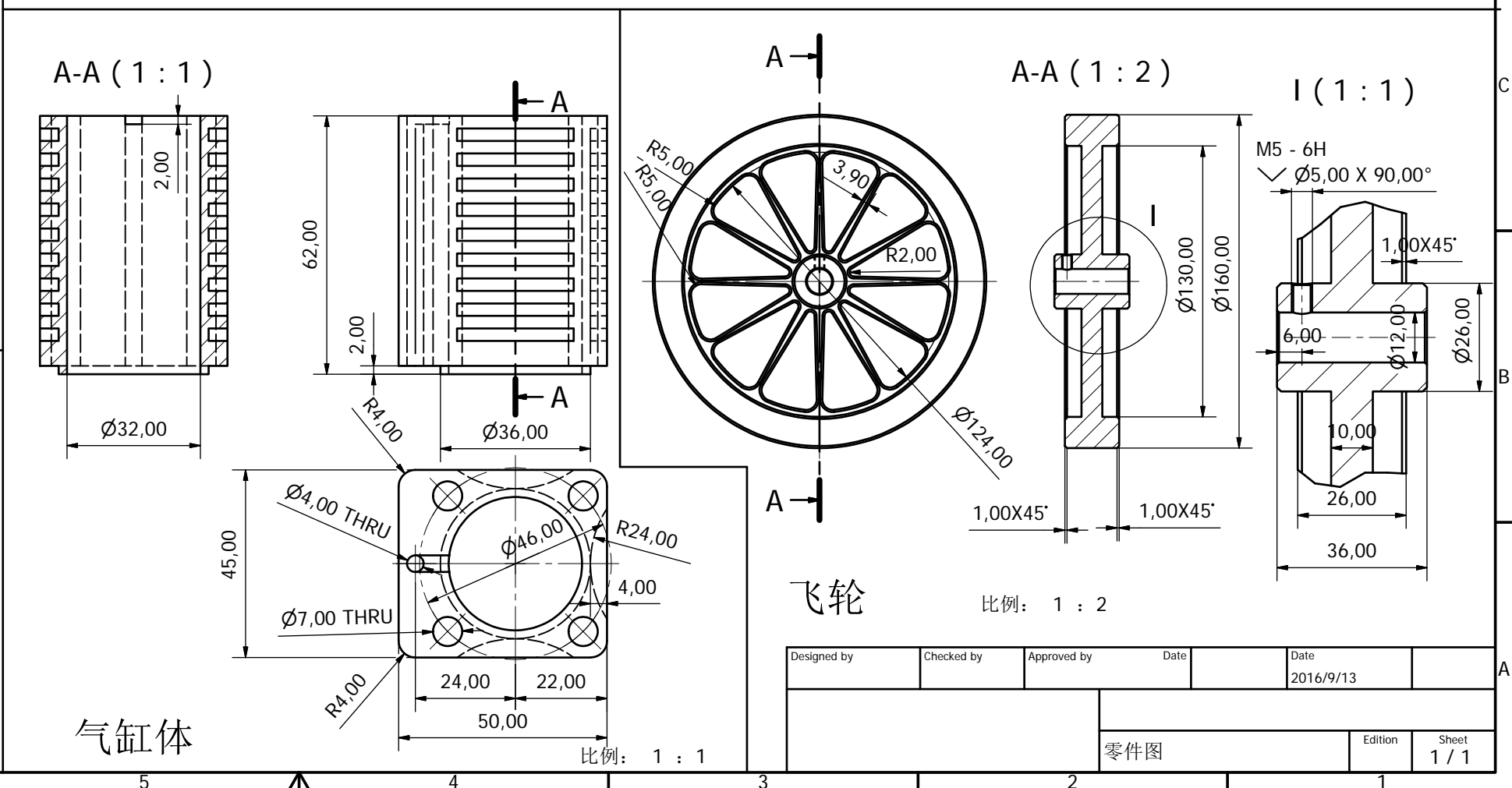
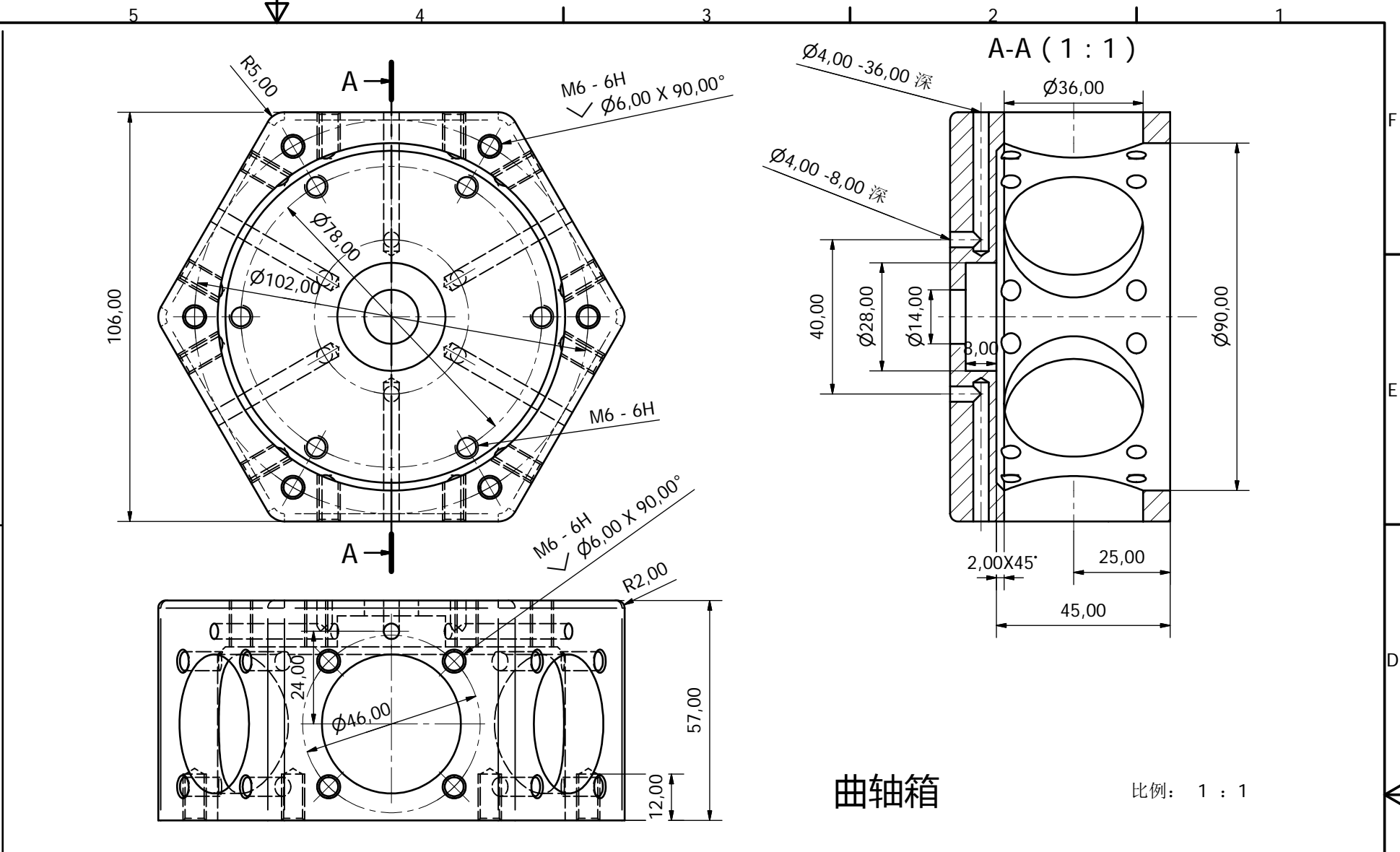
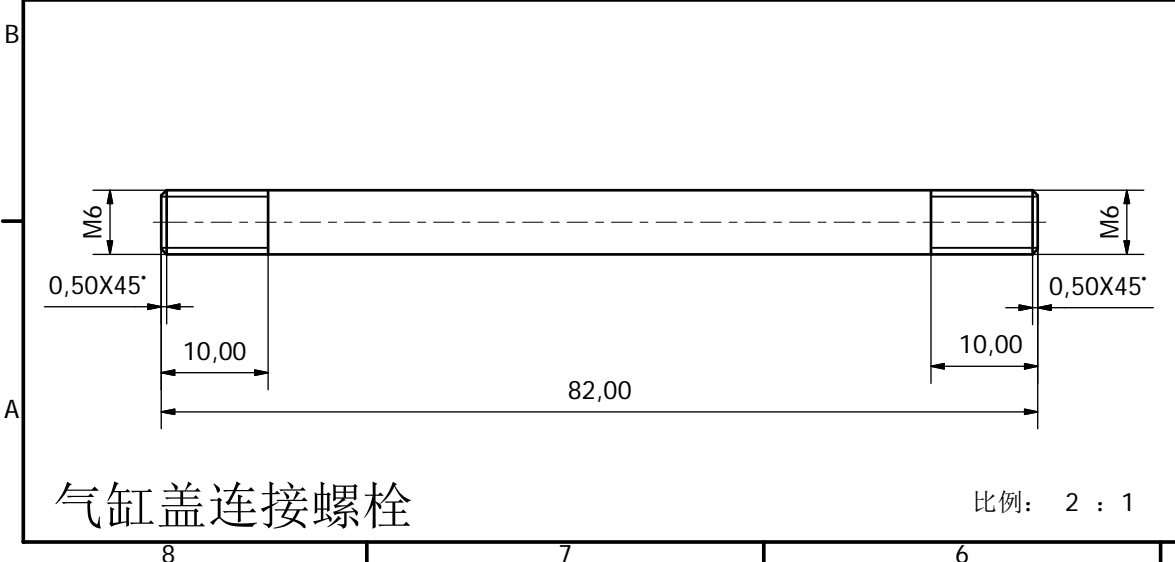
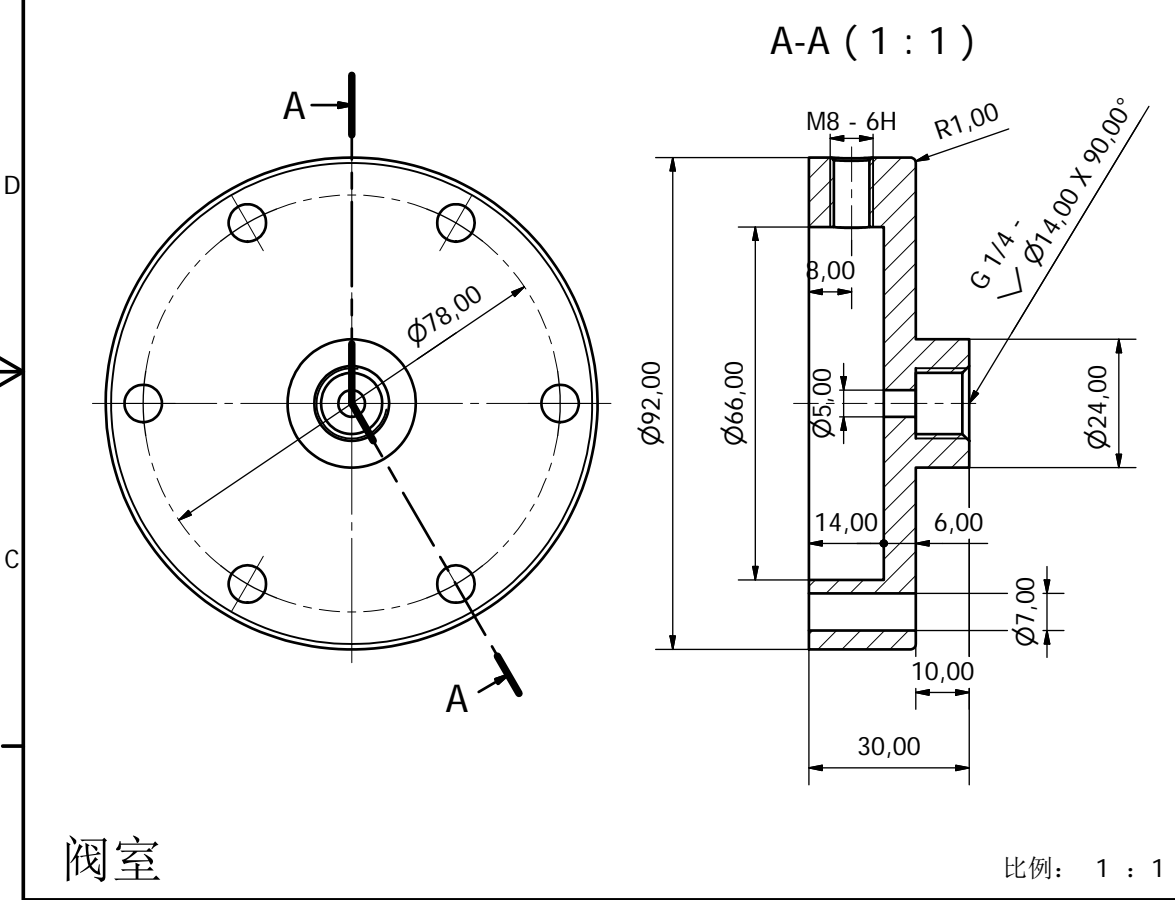
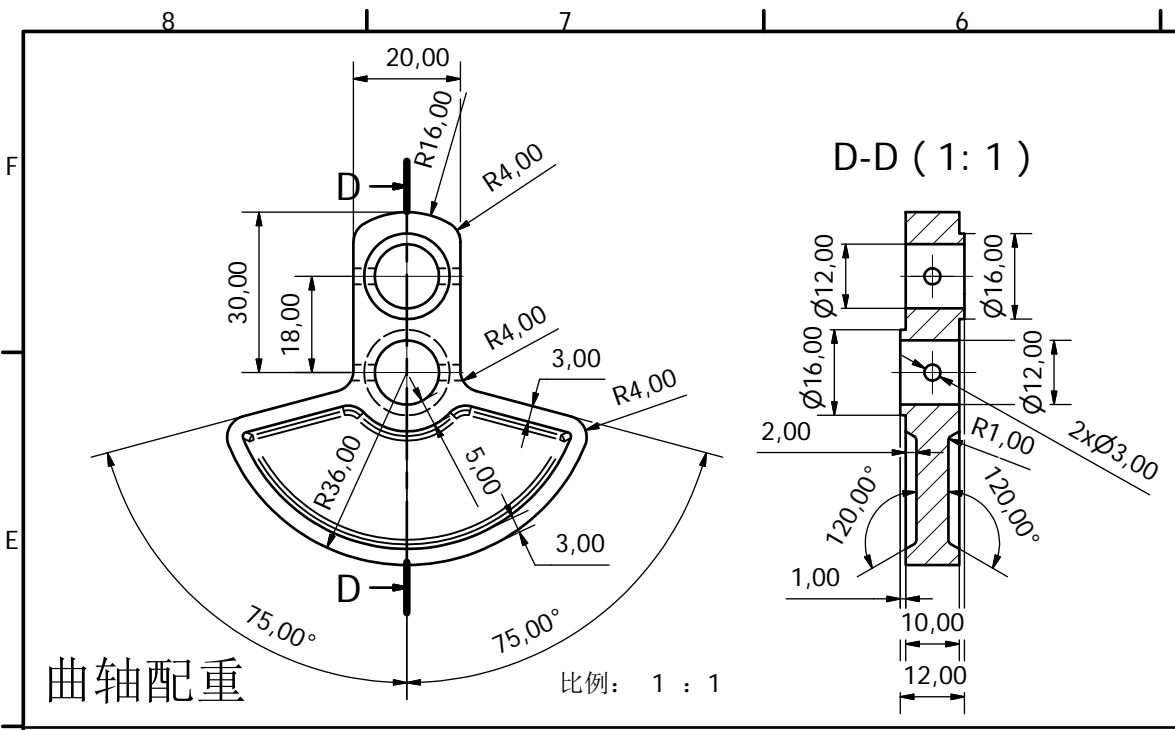


PARTS LIST				
ITEM	PART NUMBER	QTY	MATERIAL	COMMENTS
1	Stand	1	Wood (Oak)	
2	Bearing Stand	1	Aluminum 6061	
3	Bearing Holder	1	Aluminum 6061	
4	Assembly Crankshaft	1		
5	Assembly Piston	6		
6	Crankcase	1	Aluminum 6061	
7	Connecting Rod Hub	1	Brass, Soft Yellow	
8	Valve Housing	1	Aluminum 6061	
9	Valve	1	Brass, Soft Yellow	
10	DIN 472 - 28x12	1	Steel, Mild	
11	DIN 625 SKF - SKF 6001	3	Steel, Mild	
12	Cylinder	6	Aluminum 6061	
13	Cylinder Head	6	Aluminum 6061	
14	Cylinder Head Gasket	6	Rubber	
15	Cylinder Head Bolt	24	Stainless Steel	
16	DIN 1587 - M6	24	Steel, Mild	
17	ISO 2338 - 6 h8 x 16 - B	6	Stainless Steel, Austenitic	
18	Connecting Rod	6	Aluminum 6061	
19	Crankcase Cover	1	Aluminum 6061	
20	Flywheel	1	Stainless Steel	
21	ISO 4762 - M6 x 45	6	Stainless Steel, 440C	
22	ISO 7045 - M6 x 16 - 4.8 - H	6	Stainless Steel, 440C	
23	ISO 4762 - M10 x 25	4	Stainless Steel, 440C	
24	ISO 4028 - M5 x 8	1	Stainless Steel, 440C	
25	Parker Hose Barb to Male Pipe 125HBL 125HBL-4-2	1	Brass, Soft Yellow	
26	Silencer M8	1	Brass, Soft Yellow	

Test Project for the 42<sup>nd</sup> WorldSkills Competition in Leipzig, Germany 2013.  
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