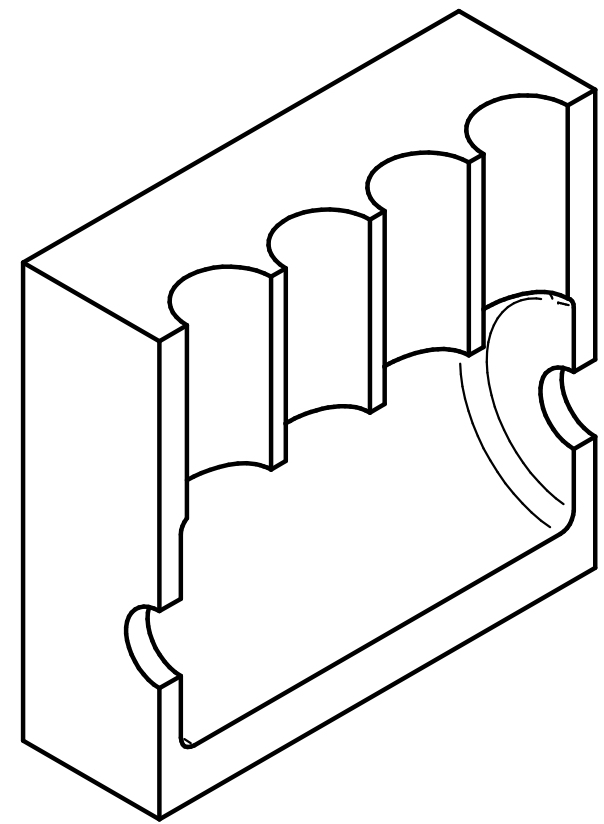
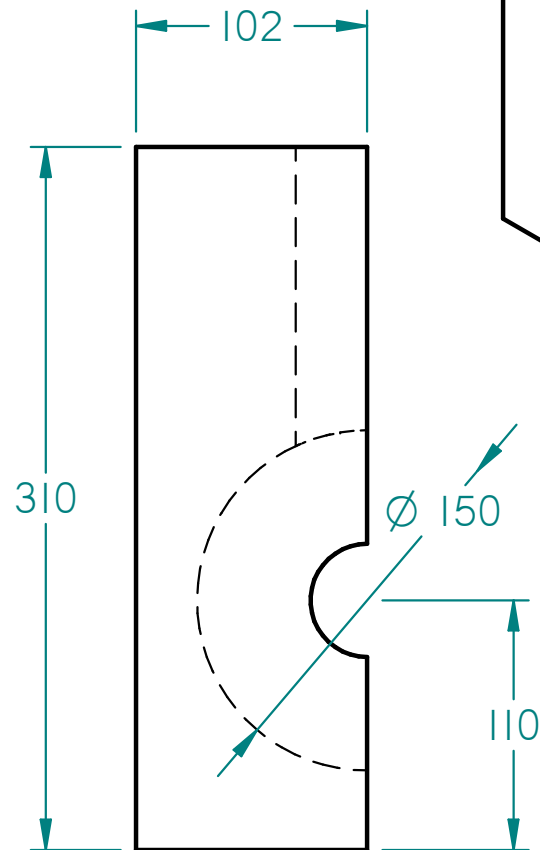
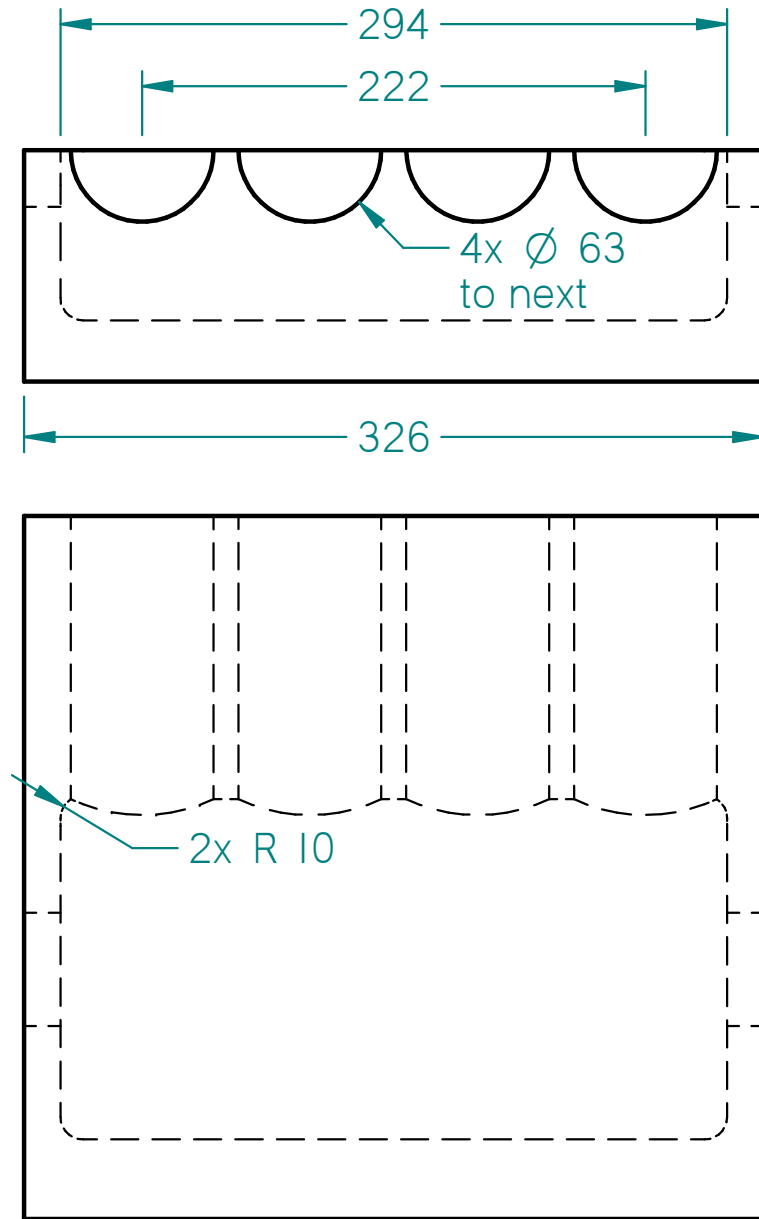
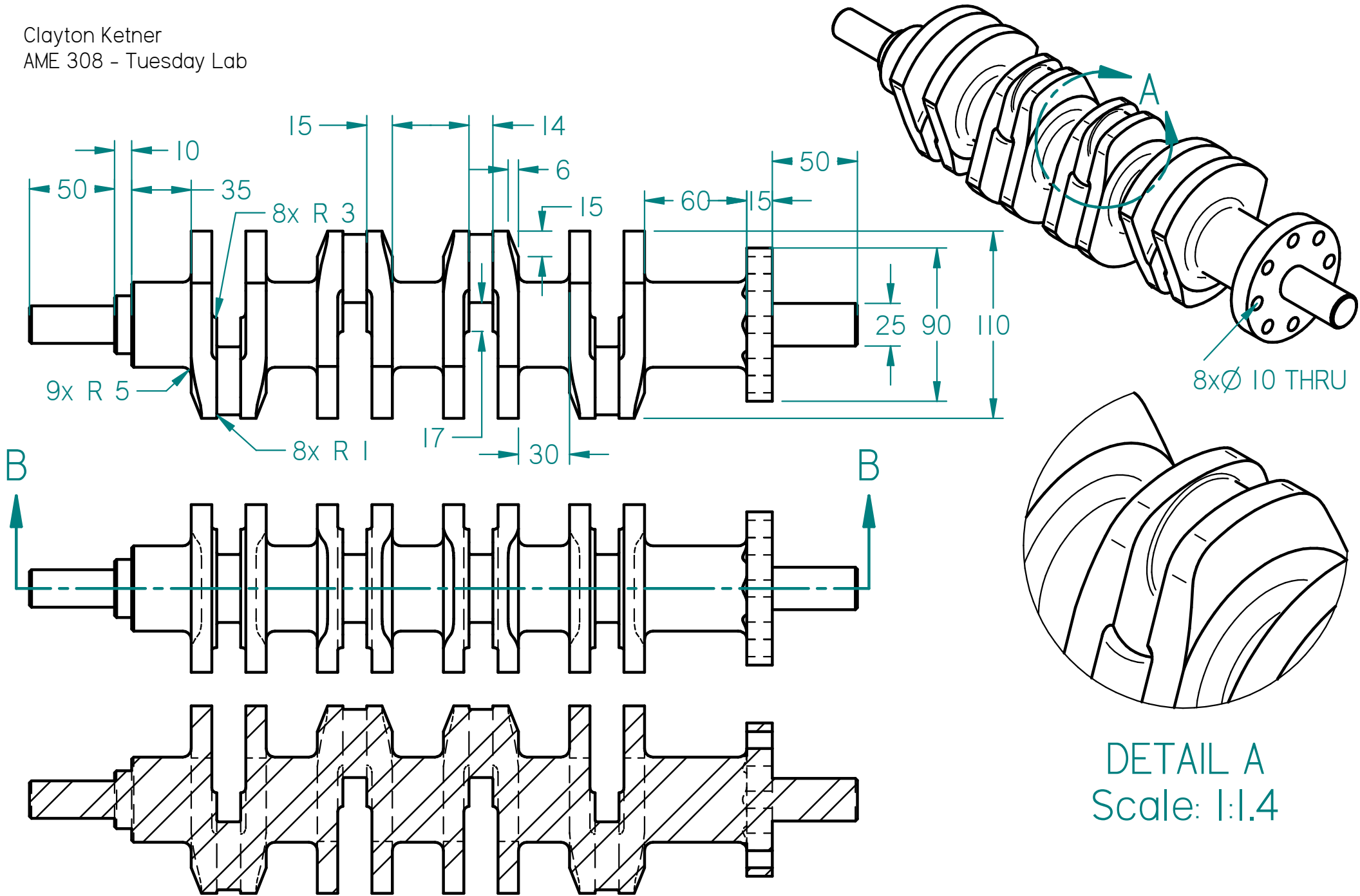


Figure 1: Exploded view.  
Scale: 1:4.55

Item Number	Part	Material	Quantity
1	Engine block	Aluminum , 6061-T6	1
2	Crankshaft	Steel, structural	1
3	Connecting rod 1	Steel	4
4	Piston	Aluminum , 7075-T6	4
5	Piston pin	Aluminum , 6061-T6	4
6	Circlip	Stainless steel	8
7	Piston ring	Stainless Steel, 303	12
8	Connecting rod 2	Steel	4
9	M6-0.5x42	Iron, grey cast type 40	8
10	Flywheel	Aluminum , 1060	1
11	M10-0.5 bolt	Iron, grey cast type 40	8
12	M10 nut	Iron, grey cast type 40	8



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Figure 2: Engine Block  
Scale: 1:3.33  
Units: mm

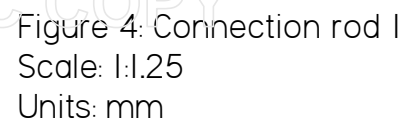


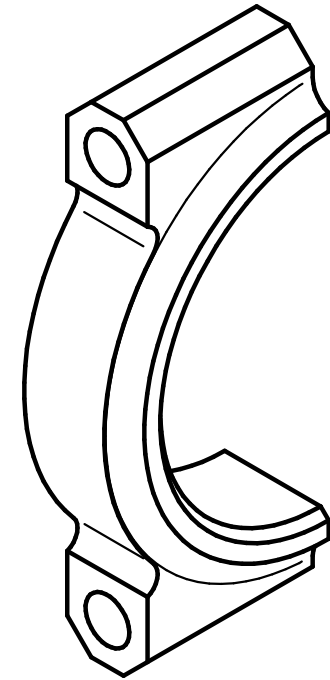
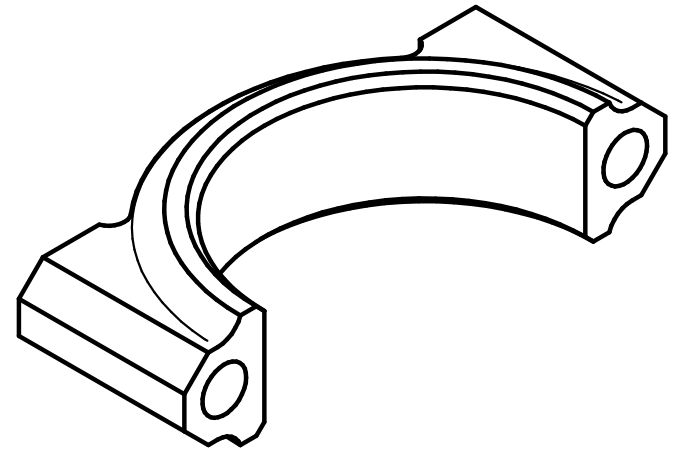
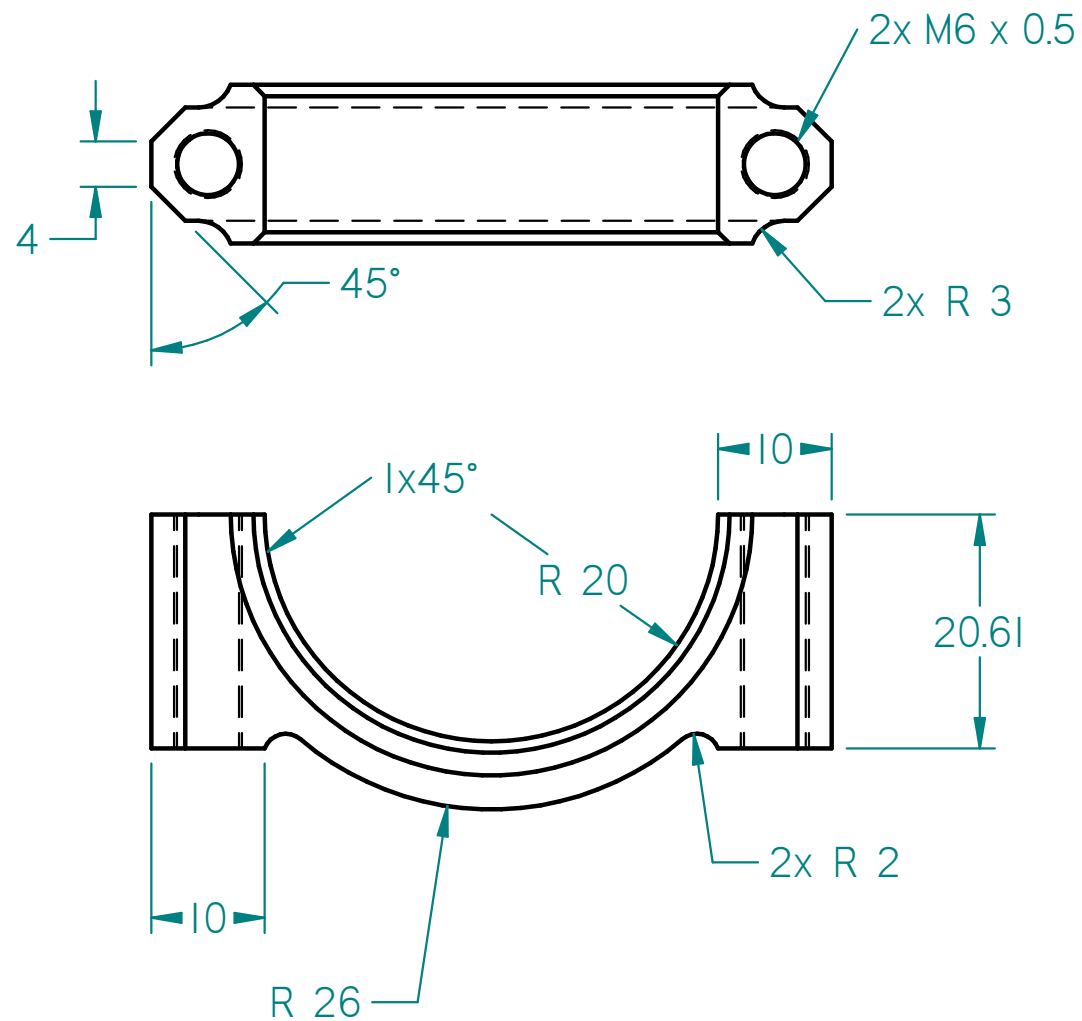
SECTION B-B

DETAIL A  
Scale: 1:1.4

All chamfers 1.2 x 45°

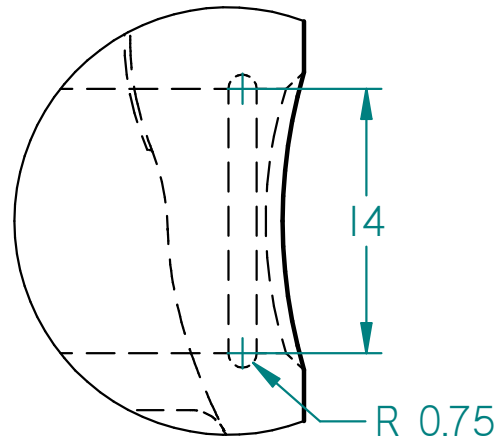
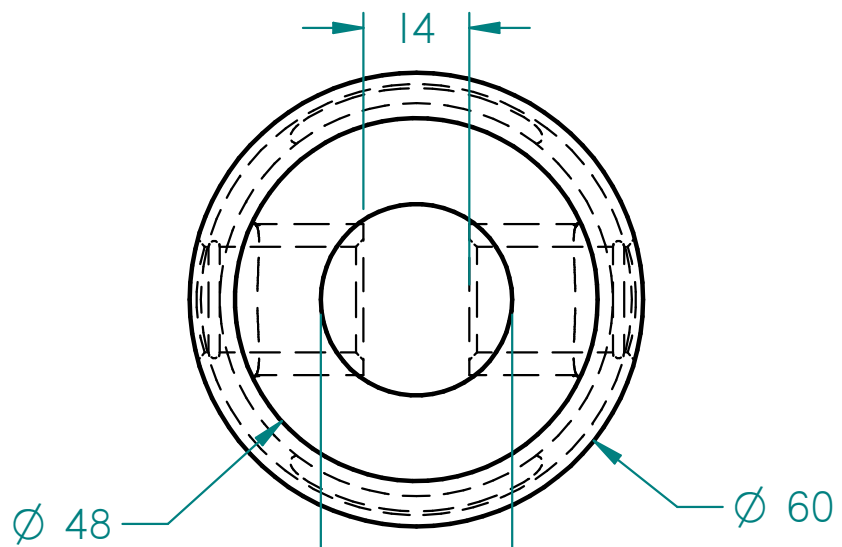
Figure 3: Engine Block  
Scale: 1:3.33  
Units: mm



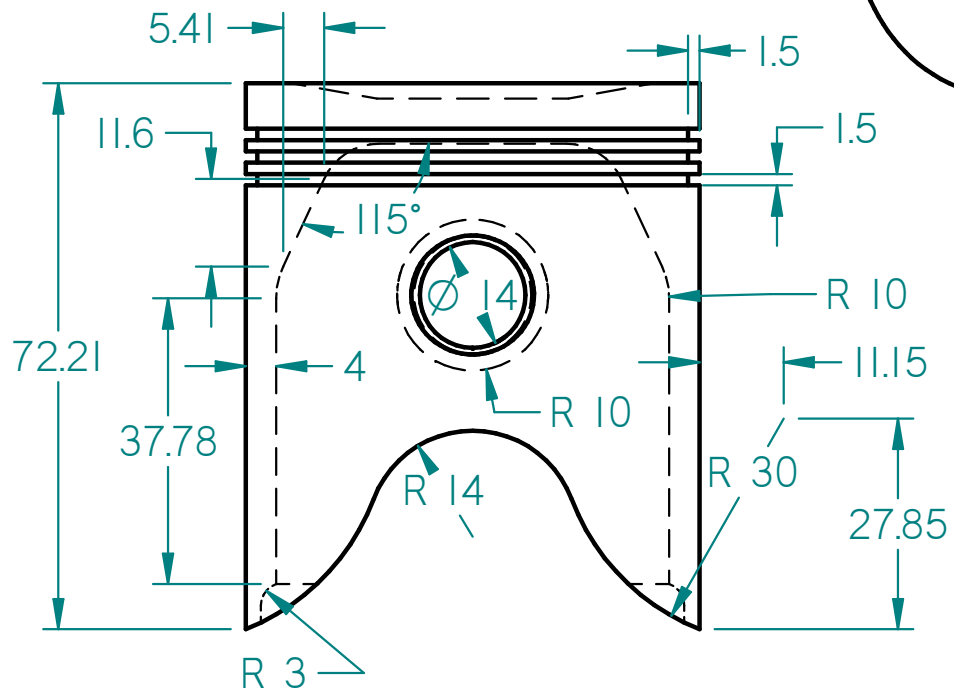
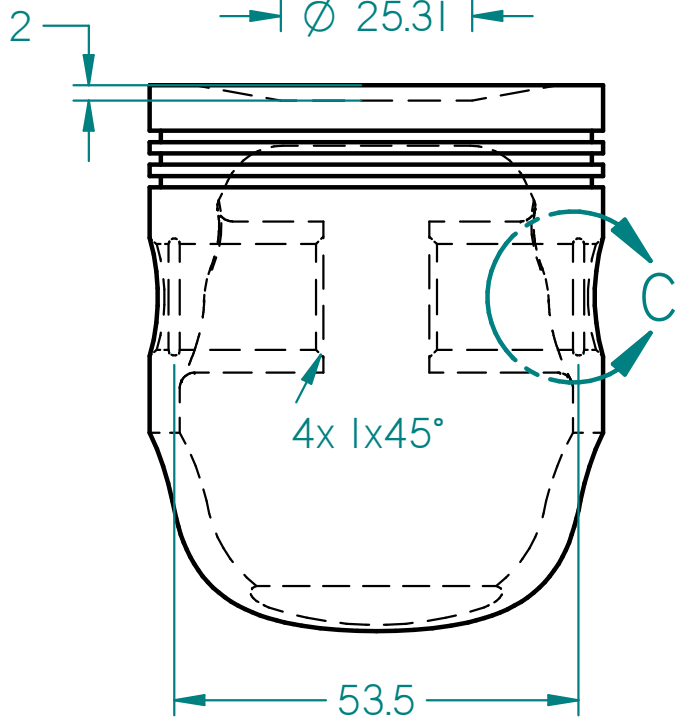
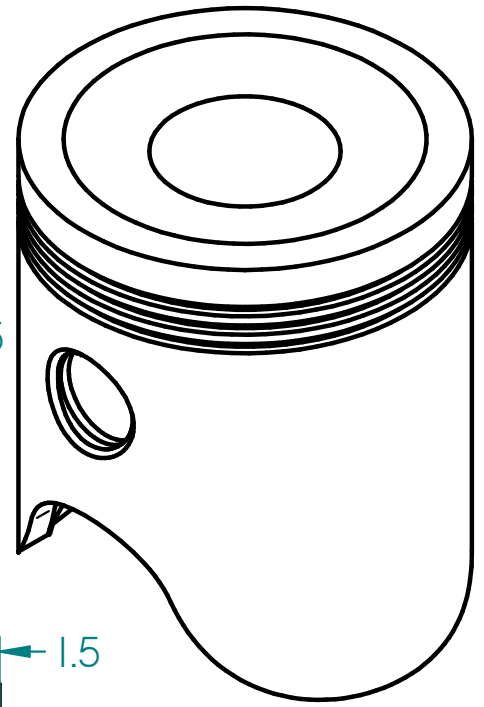


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Figure 5: Connection rod 2  
Scale: 1.5:1  
Units: mm



DETAIL C  
Scale: 2.5:1



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Figure 6: Piston  
Scale: 1:1  
Units: mm

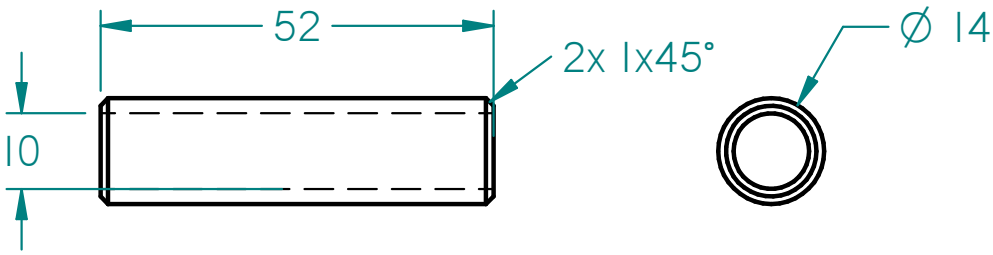


Figure 7: Piston pin  
Scale: 1:1  
Units: mm

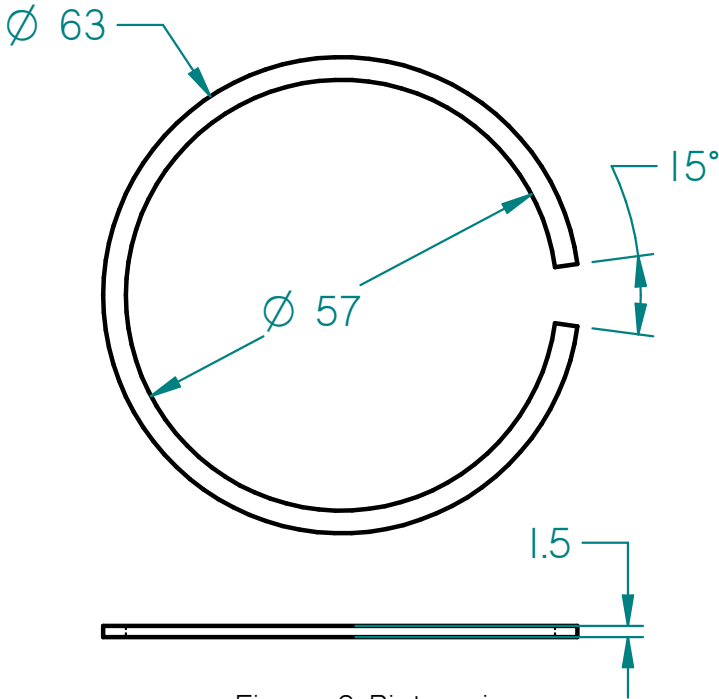


Figure 8: Piston ring  
Scale: 1:1  
Units: mm

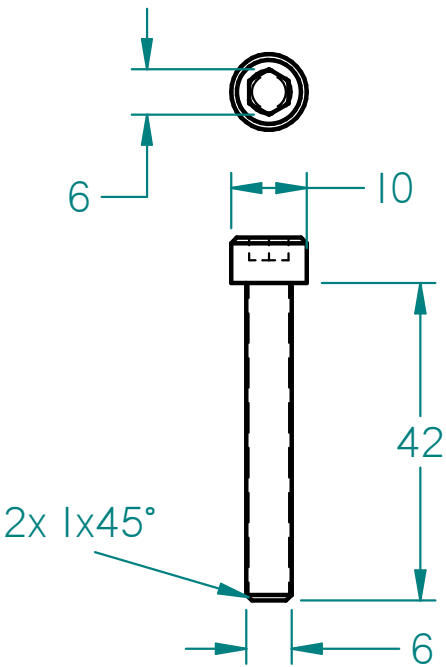


Figure 9: M6-0.5x42  
Scale: 1:1  
Units: mm

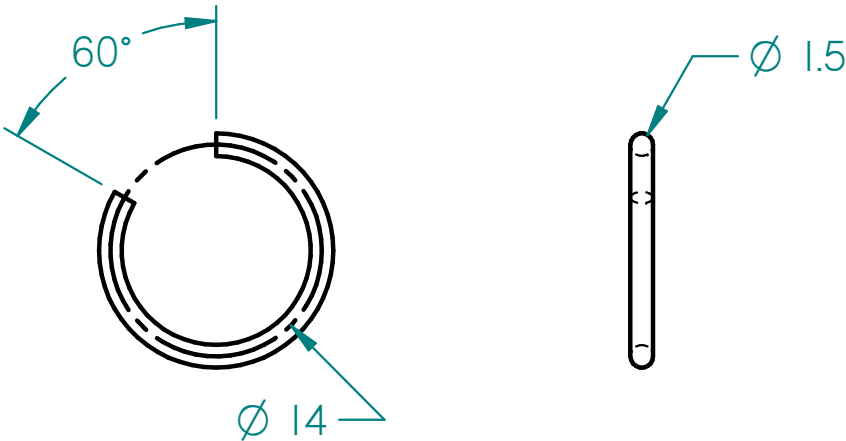
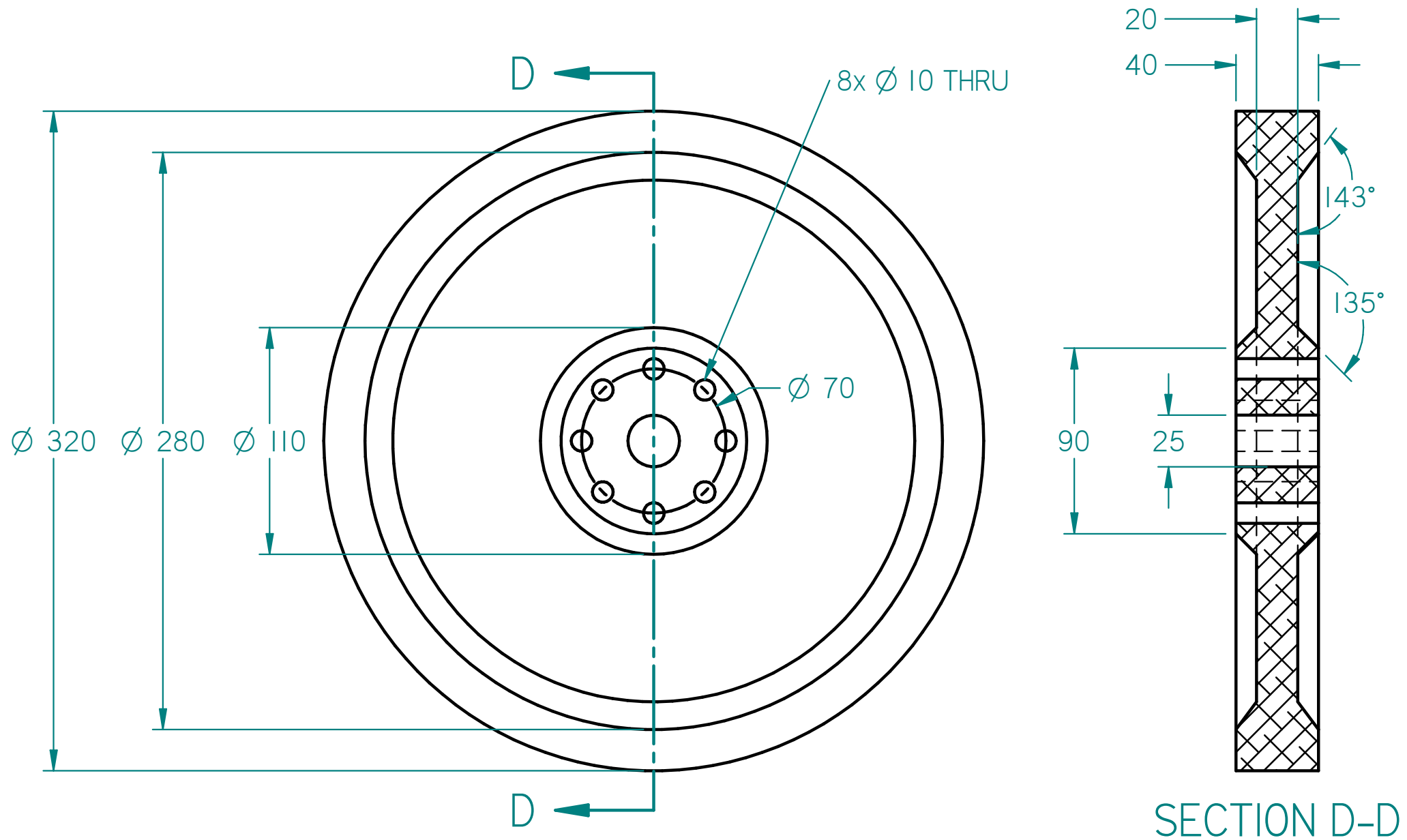


Figure 10: Circlip  
Scale: 2:1  
Units: mm



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Figure 11: Flywheel  
Scale: 1:1  
Units: mm