



LAMPIRAN

LAMPIRAN

Lampiran 1. Jadwal Kegiatan

No.	Nama Kegiatan	Bulan ke-								Keterangan
		11	12	1	2	3	4	5	6	
1.	Studi Litelatur									UNUGHA
2.	Perancangan konsep Mesin									Laboratorium Konversi Energi dan perancangan mesin FTI UNUGHA
3.	Analisis Teknik dan Gambar Teknik									Laboratorium Konversi Energi dan perancangan mesin FTI UNUGHA
4	Seminar proposal									FTI UNUGHA
4.	Kontruksi pembuatan Mesin									Laboratorium Konversi Energi dan perancangan mesin FTI UNUGHA
5.	Uji kinerja Mesin									Laboratorium Konversi Energi dan perancangan mesin FTI UNUGHA
6.	Seminar hasil penelitian									FTI UNUGHA
7.	Laporan Penelitian									FTI UNUGHA

Lampiran 2. Dokumentasi Kegiatan Pengambilan Data



Kacang di timbang sebelum di masukan ke mesin



Kacang di jadikan 4 kali proses masing sebanyak 150 gram

Lampiran : Persiapan Running Mesin



Lampiran : Proses Pengupasan Kulit Ari Kacang Tanah Pada Mesin



Lampiran : Proses Keluarnya Kacang dan Limbah



Proses Pemilahan Hasil Pengupasan Kulit Ari Kacang Tanah

Lampiran : Hasil Proses Pengupasan Kulit Ari Kacang Tanah



Kacang Setelah Proses Pengupasan



Kacang Terkupas Pecah



Kacang Terkupas Utuh



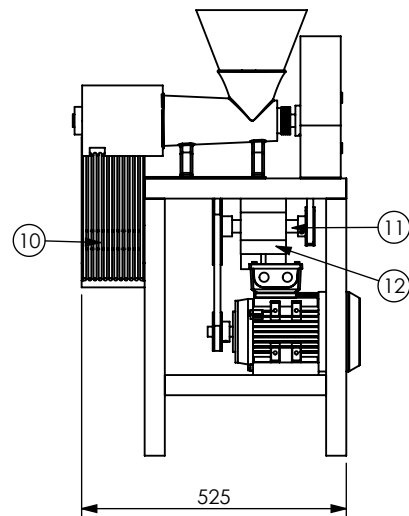
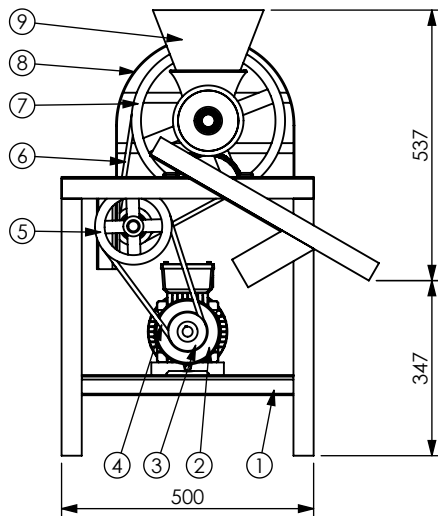
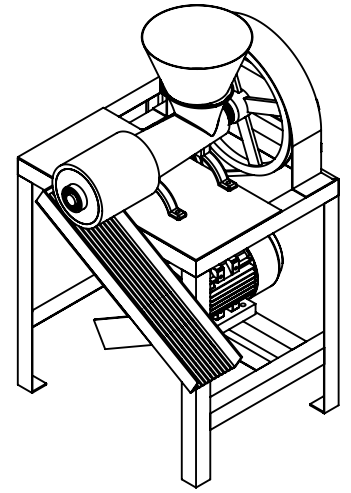
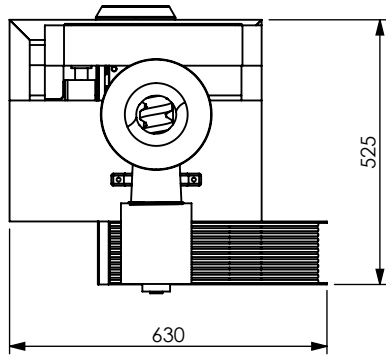
Limbah Kulit ari kacang



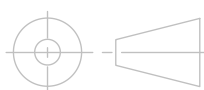
Kacang Tercecer / Hancur



Kacang Tidak Terkupas



13	1	Bearing housing	Pipa besi	Ø 2 in	-
12	1	Shaft	ST-37	Ø 25 mm	-
11	1	Outlet	Plat mild steel	Tebal 2 mm	-
	1	Sub assy peeler husk	-	-	-
5	1	Cover	Plat mild steel	Tebal 2 mm	-
4	1	Pulley 3	Aluminum	Ø 12 in	-
	1	V-belt 2	-	A-43	-
3	1	Pulley 2	Aluminium	Ø 6 in	-
	1	V-belt 1	-	A-36	-
2	2	Pulley 1	Aluminium	Ø 3 in	-
	1	Electrical motor	-	0,25HP	-
1	1	Main frame	Besi siku	40x40x3 mm	-
No.	JML	NAMA KOMPONEN	MATERIAL	UKURAN	KETERANGAN



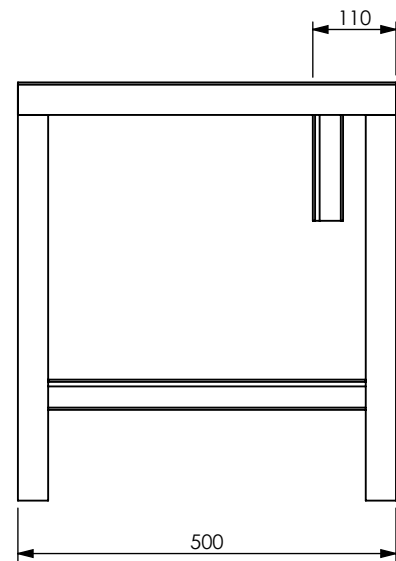
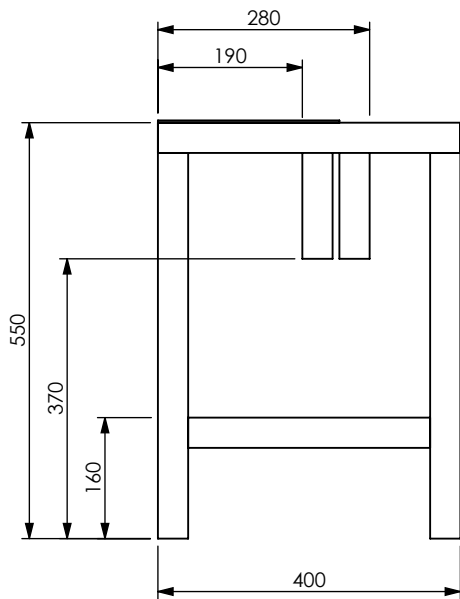
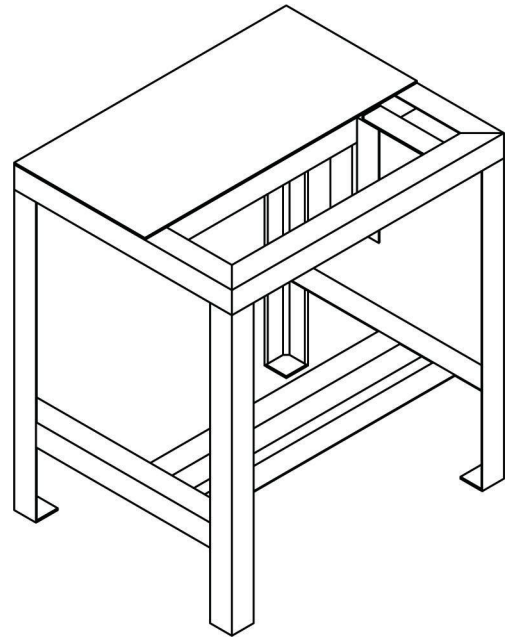
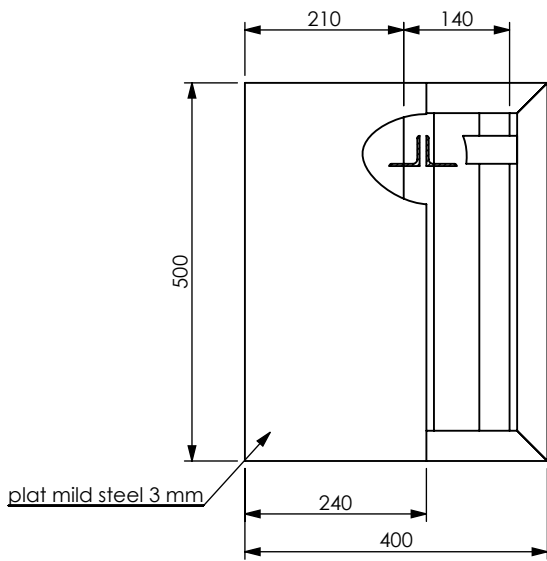
SKALA : 1 : 15
 SATUAN : MM
 TANGGAL : 07-04-2023

DIGAMBAR : MUFTIAN TOUFIK
 JURUSAN : TEKNIK MESIN
 DIPERIKSA :

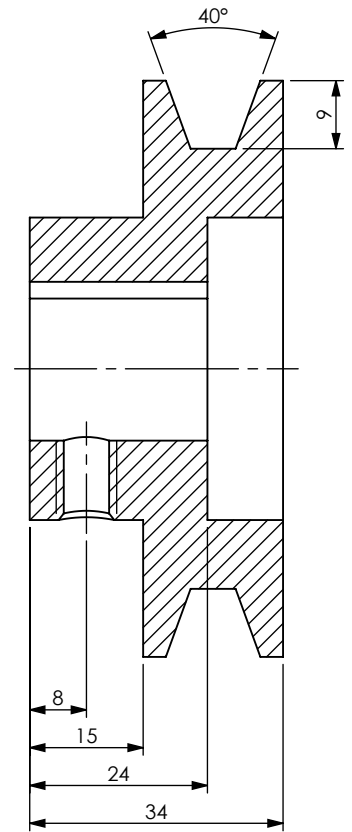
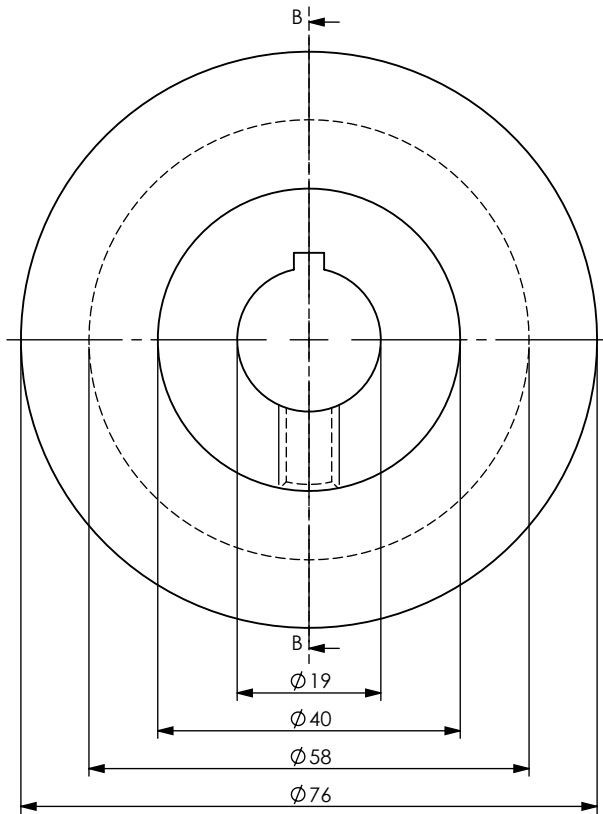
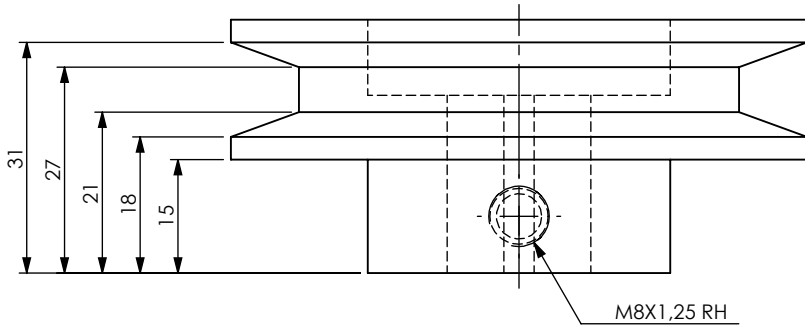
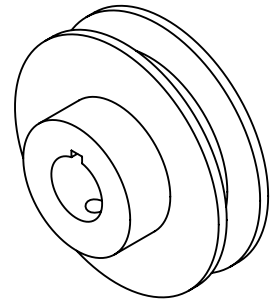
PERINGATAN :

MESIN PENGUPAS KULIT ARI KACANG TANAH

No.000 A4

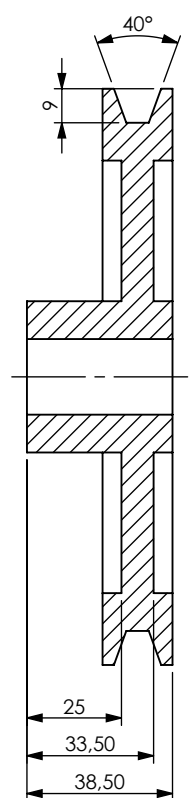
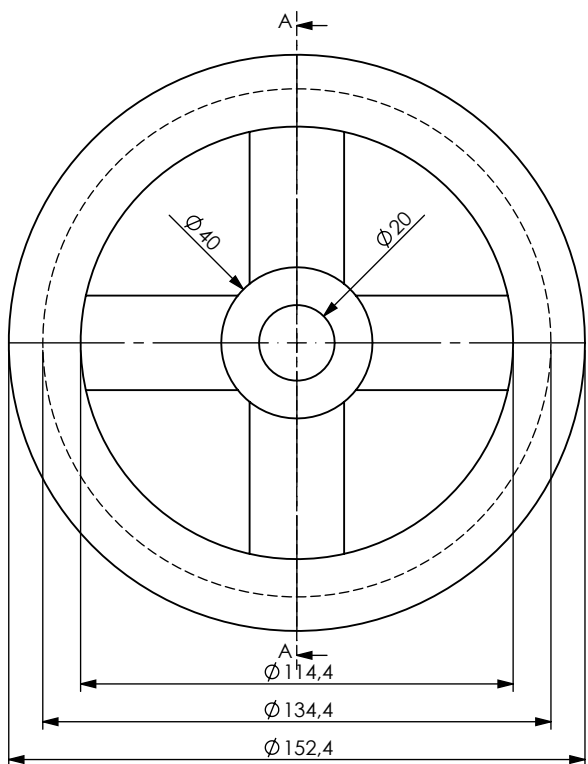
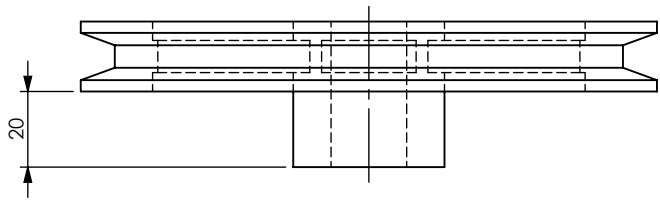
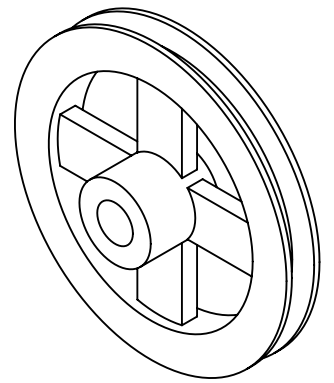


	SKALA : 1 : 10	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
MAIN FRAME			No. 001	A4



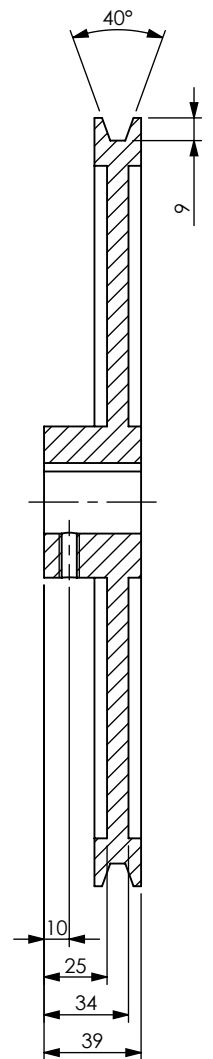
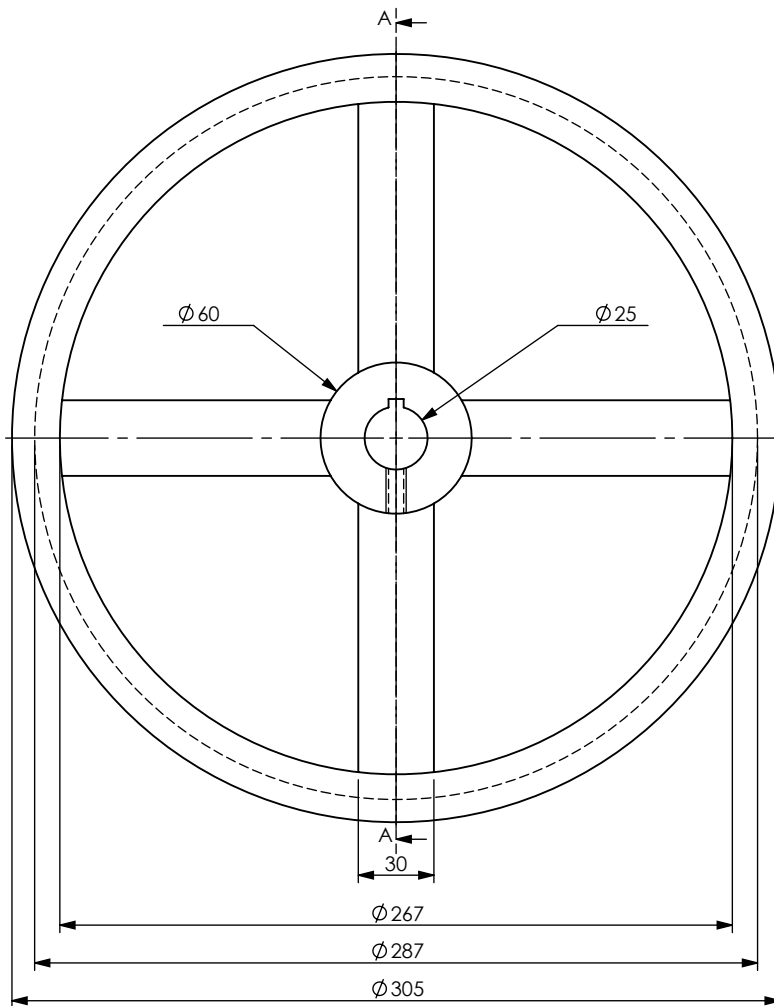
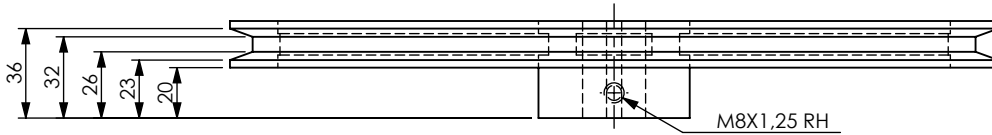
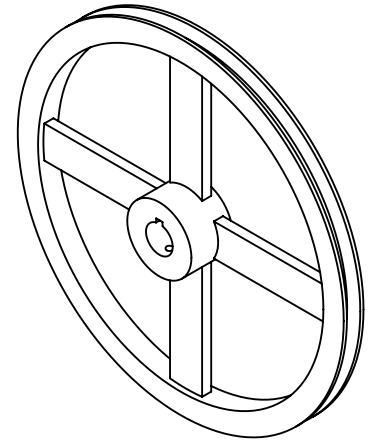
SECTION B-B
SCALE 1 : 1

	SKALA : 1 : 1	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
PULLEY 1			No. 002	A4



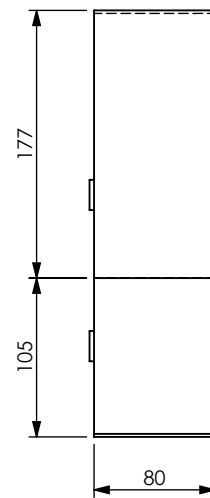
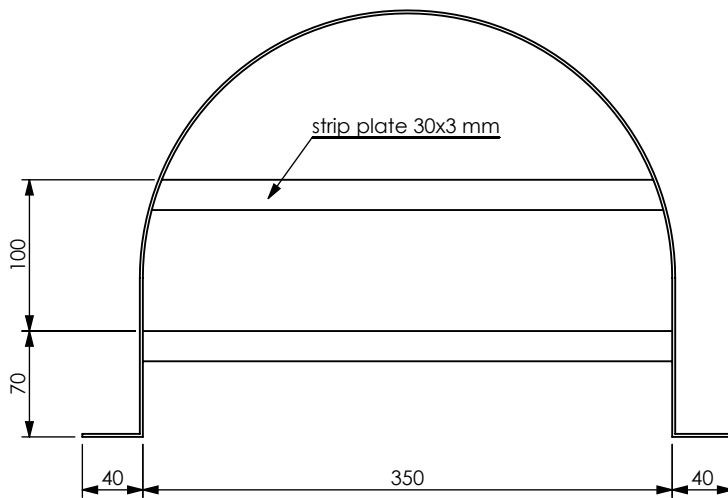
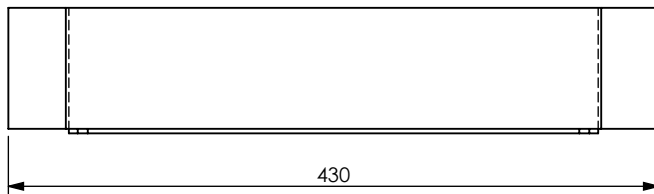
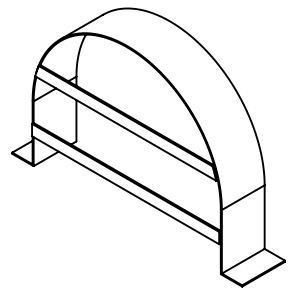
SECTION A-A
SCALE 1 : 2

	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
PULLEY 2			No. 003	A4

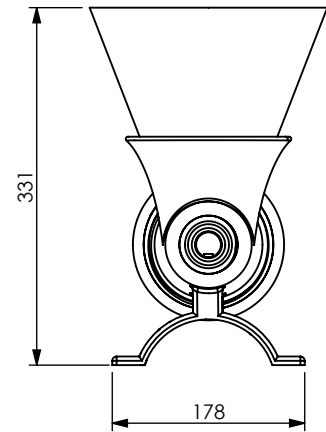
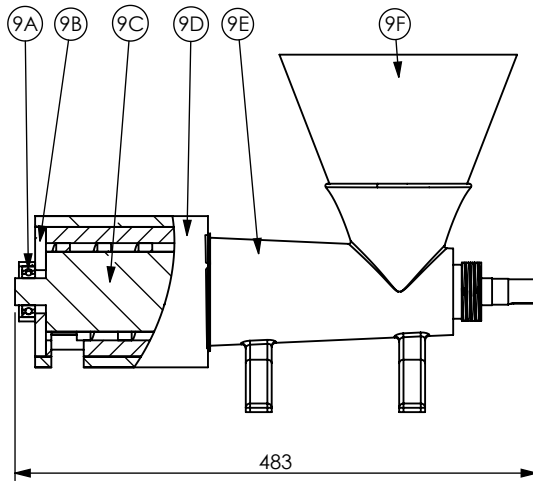
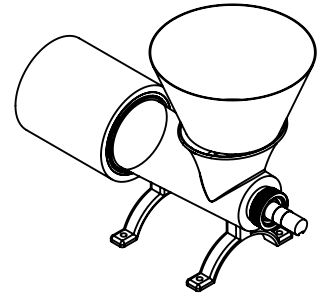
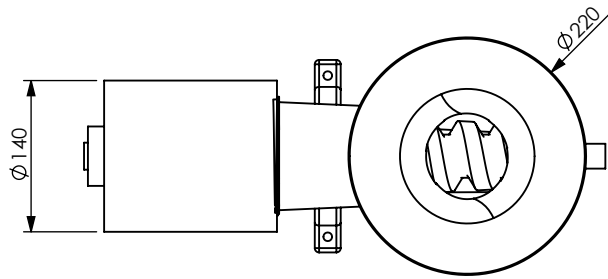


SECTION A-A
SCALE 1 : 3

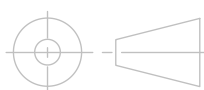
	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
PULLEY 3			No. 004	A4



	SKALA : 1 : 5	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
COVER			No. 005	A4



9F	1	Hopper	SUS-304	Tebal 1,2 mm	-
9E	1	Meat grinder	SUS-304	No. 32	-
9D	1	Peeler housing	SUS-304	Ø 160 mm	-
9C	1	Peeler shaft	-	Ø 75 mm	-
9B	1	Flange	SUS-304	Tebal 10 mm	-
9A	1	Radial bearing	-	6005	-
No.	JML	NAMA KOMPONEN	MATERIAL	UKURAN	KETERANGAN



SKALA : 1 : 15

SATUAN : MM

TANGGAL : 07-04-2023

DIGAMBAR : MUFTIAN TOUFIK

JURUSAN : TEKNIK MESIN

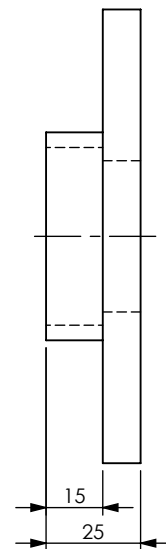
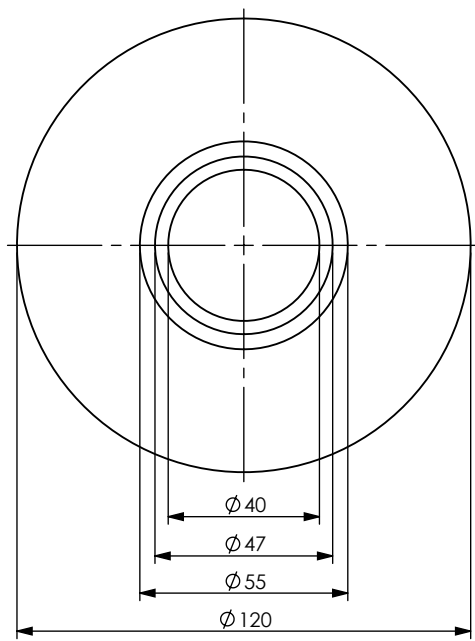
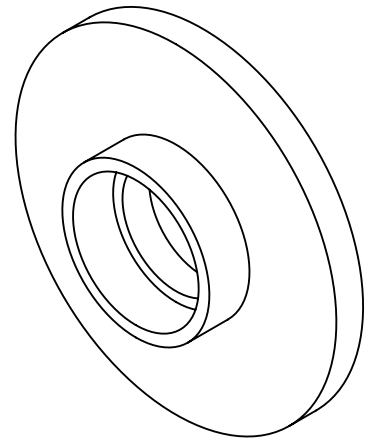
DIPERIKSA :

PERINGATAN :

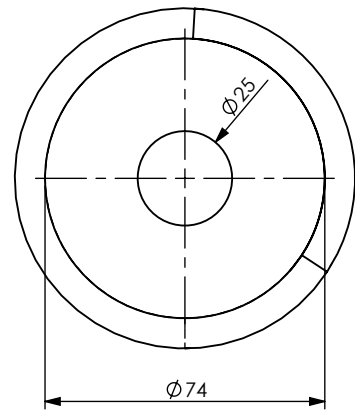
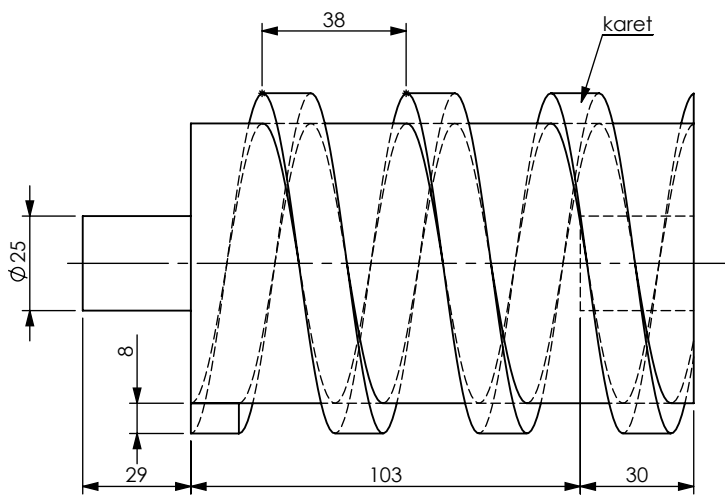
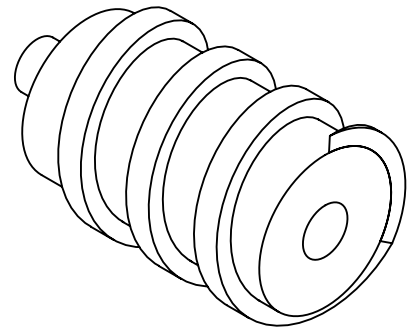
SUB ASSY PEELER HUSK

No.006

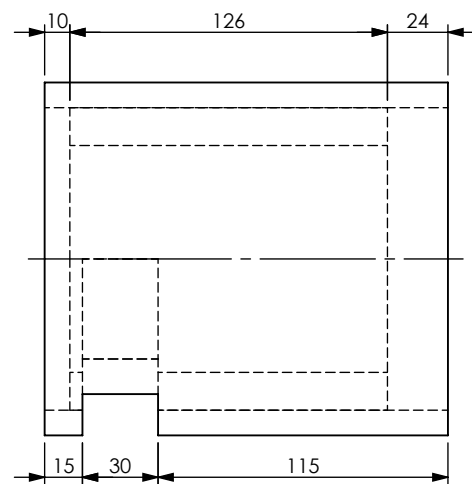
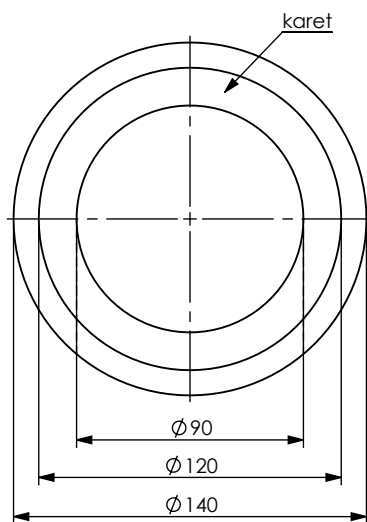
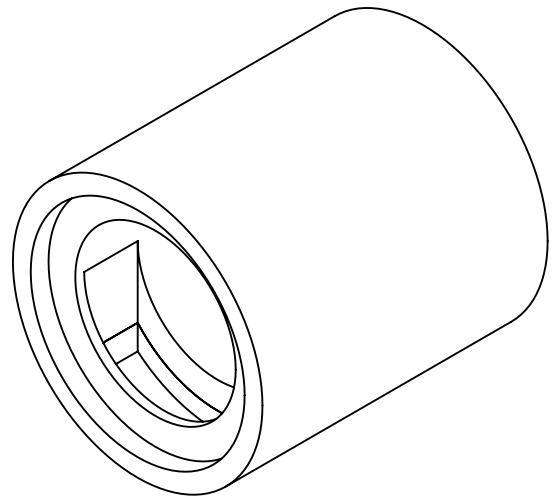
A4



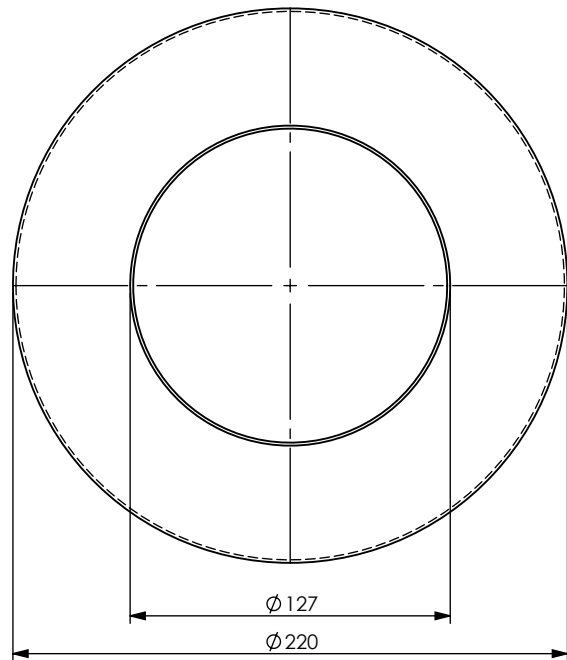
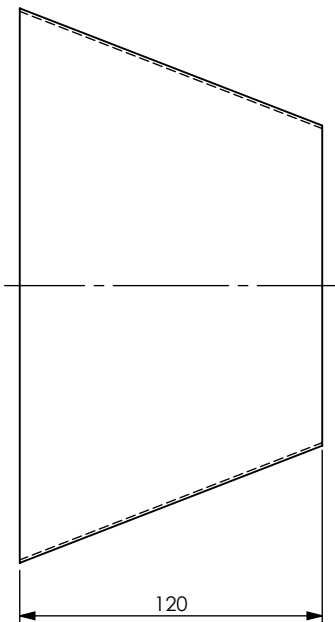
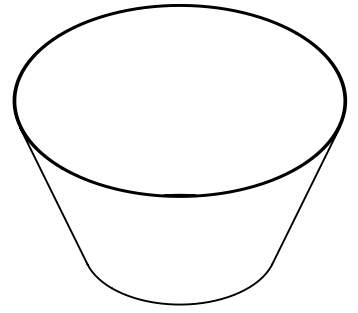
	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
FLANGE			No. 007	A4



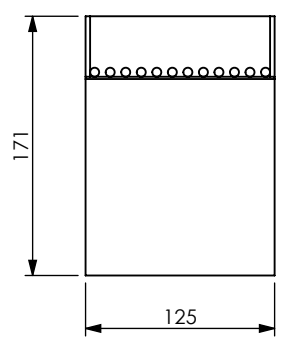
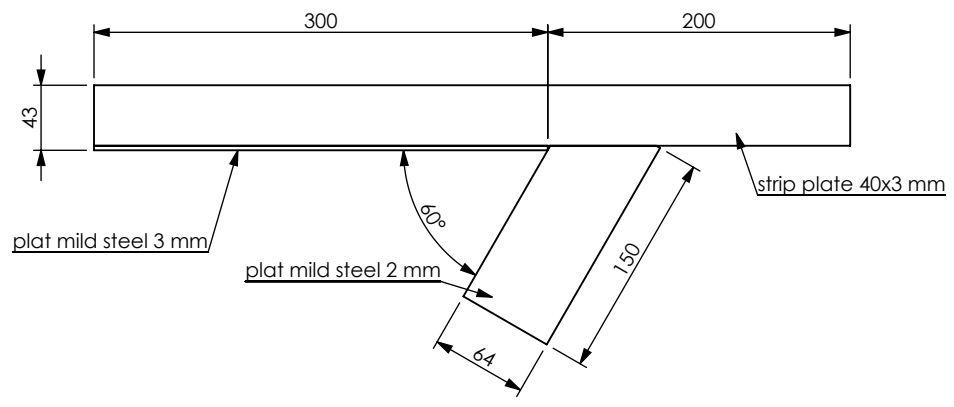
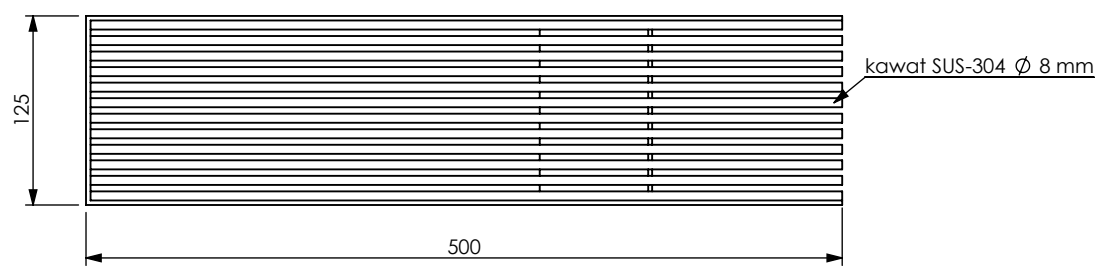
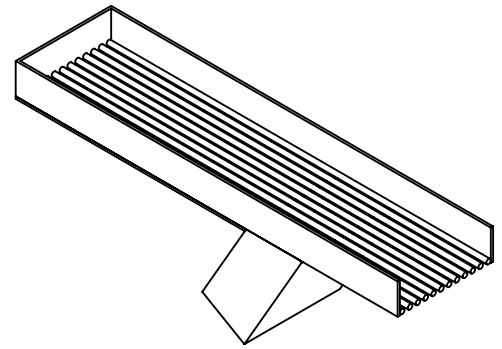
	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :		
	SATUAN : MM	JURUSAN : TEKNIK MESIN			
	TANGGAL : 07-04-2023	DIPERIKSA :			
		PEELER SHAFT		No. 008	A4



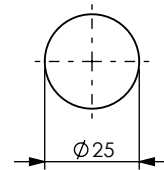
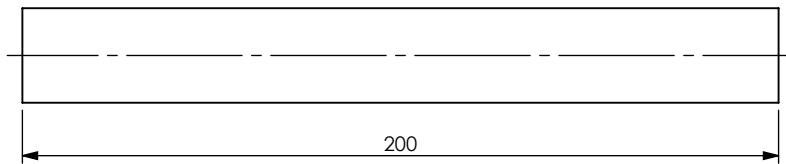
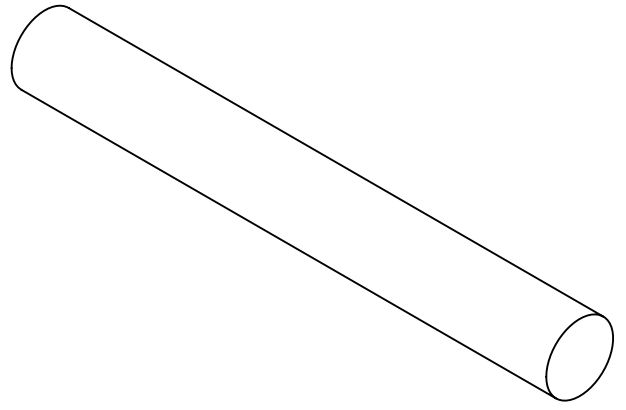
	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
PEELER HOUSING			No. 009	A4



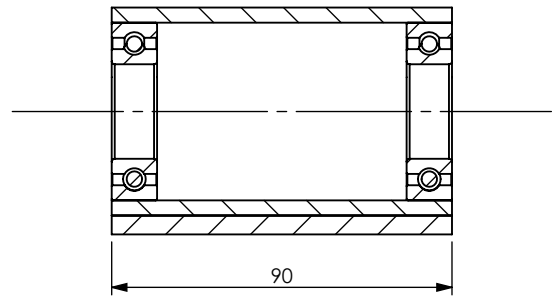
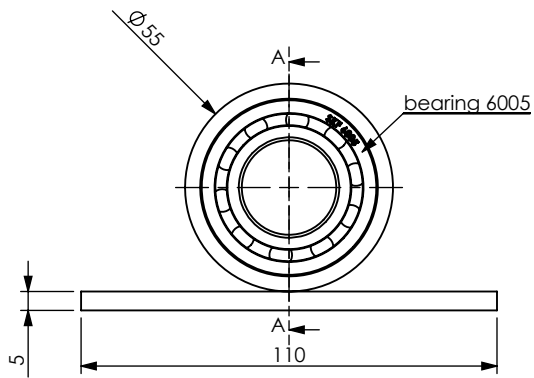
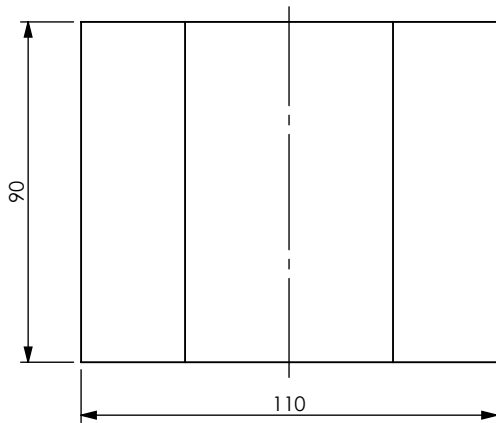
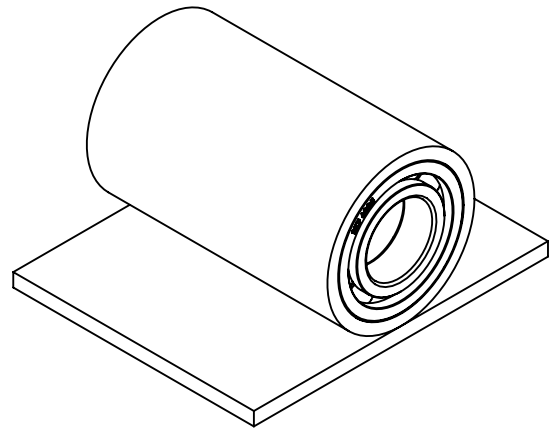
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	SATUAN : MM	JURUSAN : TEKNIK MESIN			
	TANGGAL : 07-04-2023	DIPERIKSA :			
		HOPPER		No. 010	A4



	SKALA : 1 : 5	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
OUTLET			No. 011	A4



	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	KETERANGAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
	SHAFT		No. 012	A4



SECTION A-A
SCALE 1 : 2

	SKALA : 1 : 2	DIGAMBAR : MUFTIAN TOUFIK	PERINGATAN :	
	SATUAN : MM	JURUSAN : TEKNIK MESIN		
	TANGGAL : 07-04-2023	DIPERIKSA :		
BEARING HOUSING			No.013	A4

