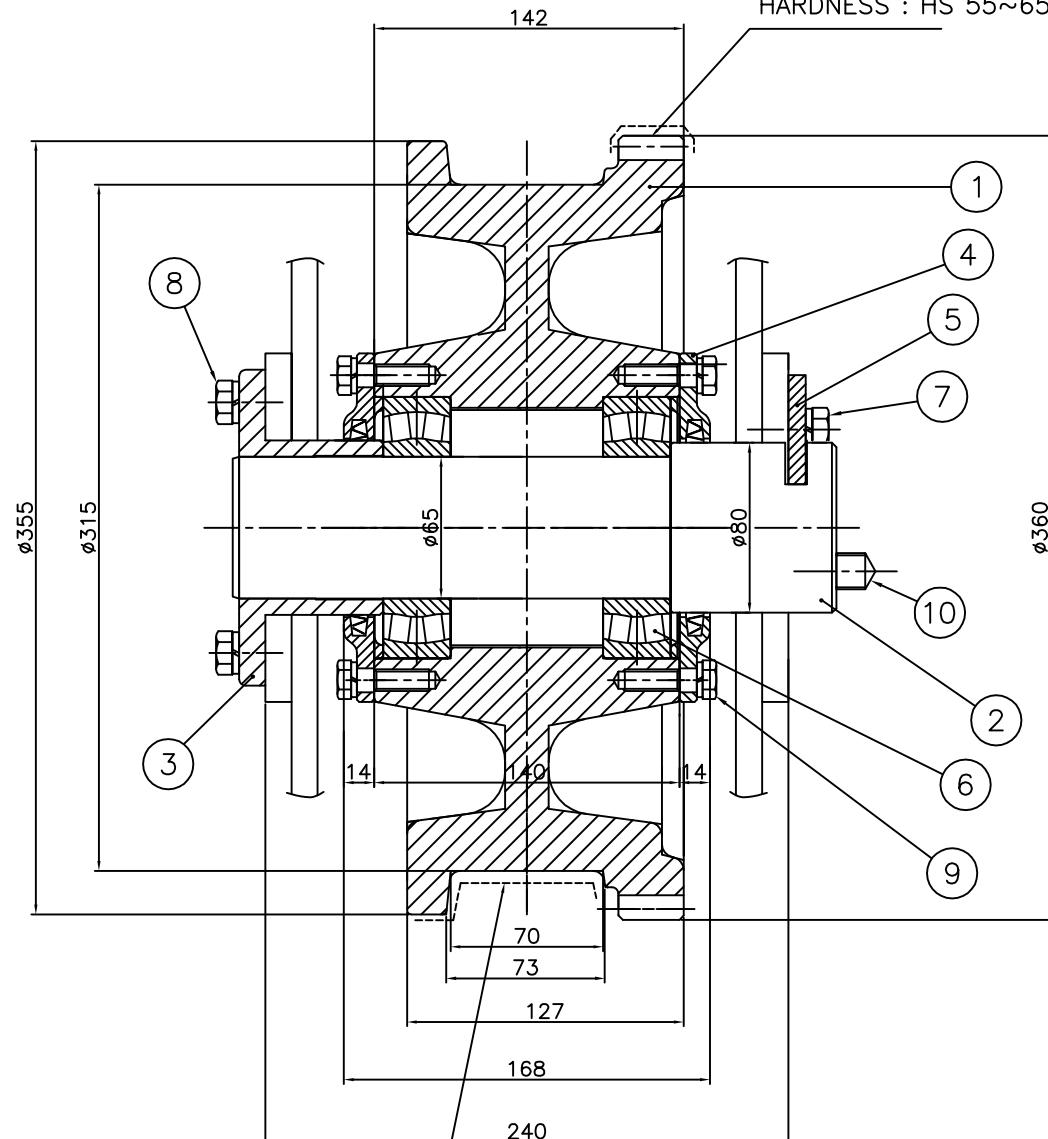
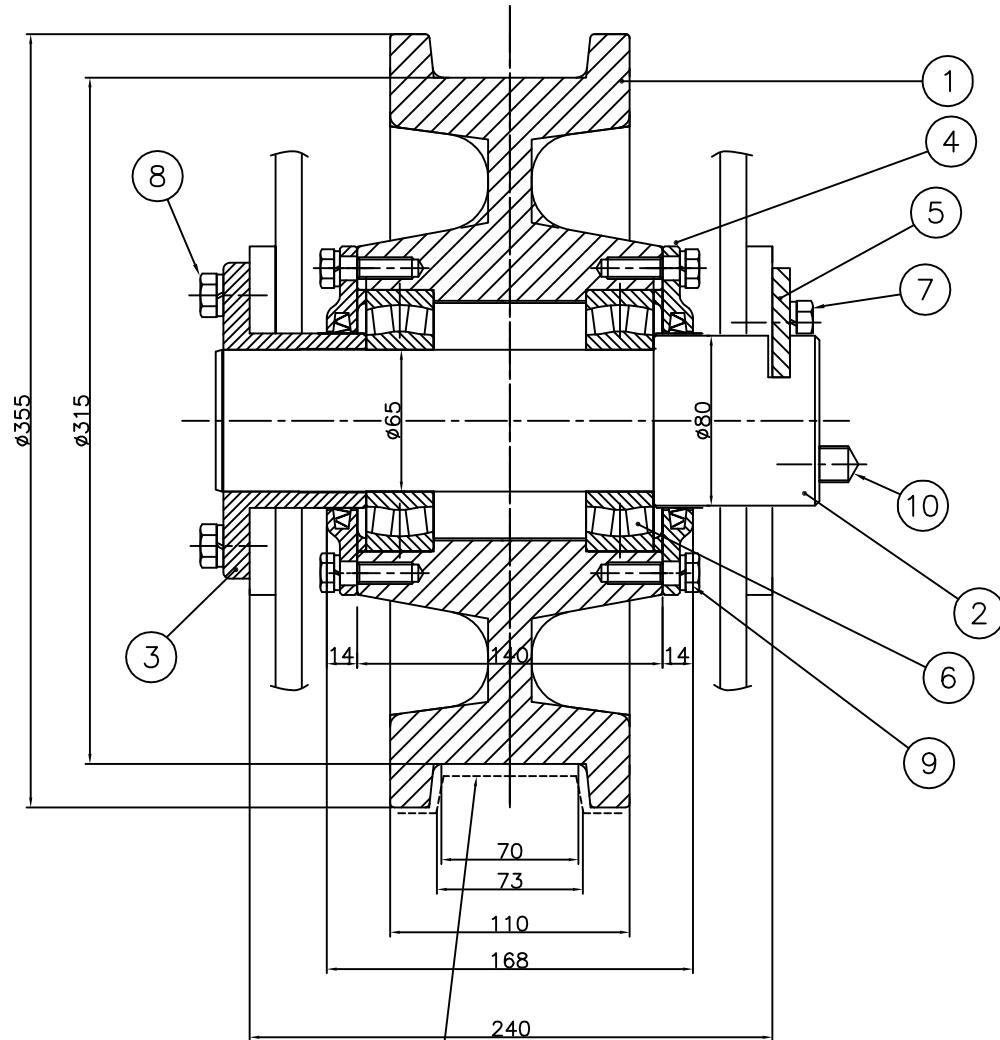


GEAR TEETH HIGH FREQUENCY HEAT TREATMENT(高周波熱處理)
HARDNESS : HS 55~65



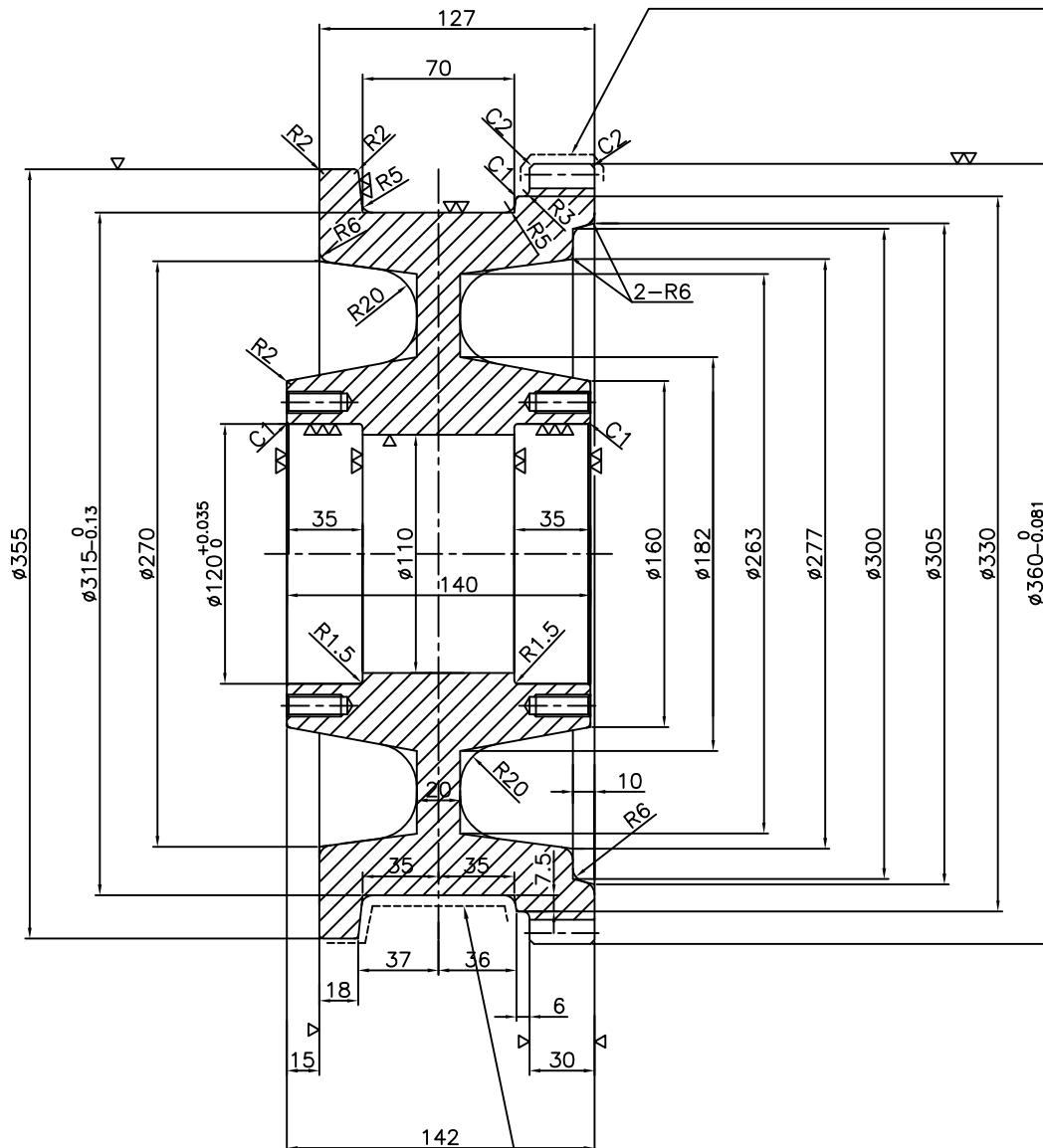
NO.	DESCRIPTIONS	MT'L	SET QTY	EA	UNIT WEIGHT KG	TOTAL	REMARKS
10	GREASE NIPPLE	PUR-CHASE		2			PT 3/8"
9	BOLT.SW	4T		24			M10x30
8	BOLT.SW	4T		8			M12x25
7	BOLT.SW	4T		4			M12x20
6	BEARING	PUR-CHASE		4			#22213
5	KEY PLATE	SS400		2			GFK-19-K
4	BEARING COVER	FC20		4			GFK-19-315-BC
3	COLLAR	FCD40		2			GFK-19-315-C
2	SHAFT	S45CN		2			GFK-19-315-S
1	DRIVING WHEEL	SCMn2A		2			GFK-19-315-DW
1	ASS'Y OF DRIVING WHEEL		1				
PROJECT	GIPFEL KOREA STANDARD						DATE 2024.01
TITLE	GFK-315Ø DRIVING WHEEL ASS'Y						SCALE N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
		SHEET NO.	GFK-19-315-DWA				



NO.	DESCRIPTIONS	MT'L	SET QTY	EA	UNIT	TOTAL WEIGHT KG	REMARKS
10	GREASE NIPPLE	PUR-CHASE		2			PT 3/8"
9	BOLT.SW	4T		24			M10x30
8	BOLT.SW	4T		8			M12x25
7	BOLT.SW	4T		4			M12x20
6	BEARING	PUR-CHASE		4			#22213
5	KEY PLATE	SS400		2			GFK-19-315-K
4	BEARING COVER	FC20		4			GFK-19-315-BC
3	COLLAR	FCD40		2			GFK-19-315-C
2	SHAFT	S45CN		2			GFK-19-315-S
1	FOLLOWING WHEEL	SCMn2A		2			GFK-19-315-FW
1	ASS'Y OF FOLLOWING WHEEL		1				
PROJECT	GIPFEL KOREA STANDARD						DATE 2024.01
TITLE	GFK-315Ø FOLLOWING WHEEL ASS'Y						SCALE N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
		SHEET NO.	GFK-19-315-FWA				

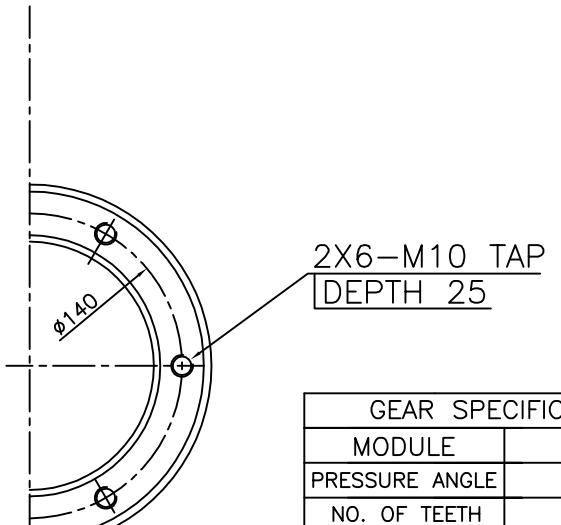
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GEAR TEETH HIGH FREQUENCY
HEAT TREATMENT(高周波熱處理)
HARDNESS : HS 55~65



HIGH FREQUENCY HEAT TREATMENT (高周波熱處理) DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

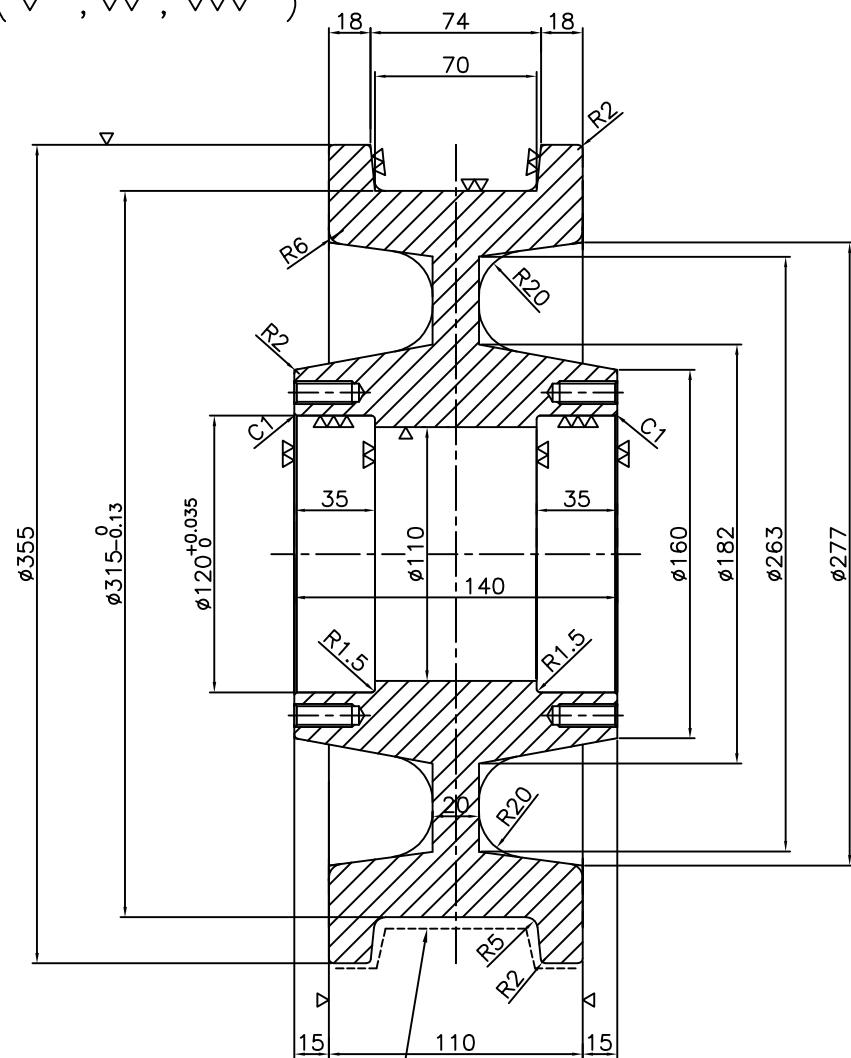
MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040	0.040
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163



GEAR SPECIFICATION	
MODULE	5
PRESSURE ANGLE	20°
NO. OF TEETH	70T
D.O.G.N OF TEETH	8T)115.607-0-
P.C.D	Ø350

1	DRIVING WHEEL	SCMn2A	1	2			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY			WEIGHT KG	
PROJECT	GIPFEL KOREA STANDARD						DATE
							2024.01
TITLE	GFK-315Ø						SCALE
	DRIVING WHEEL						1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM.J.H			KIM.M.C				
 GIPFEL			SHEET NO.	SHEET NO. GFK315			

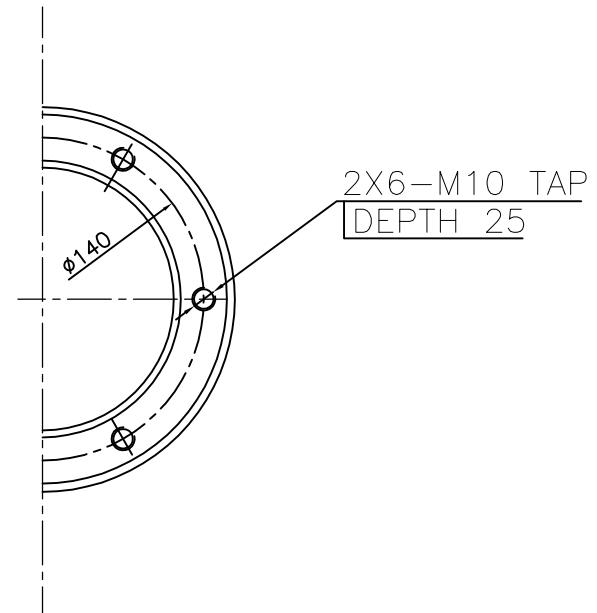
$\sim (\nabla, \nabla\nabla, \nabla\nabla\nabla)$



HIGH FREQUENCY HEAT TREATMENT (高周波熱處理)

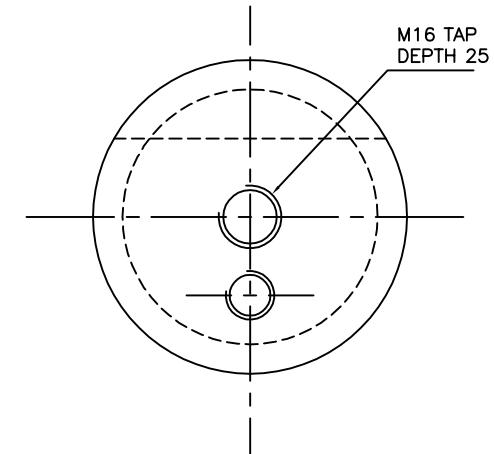
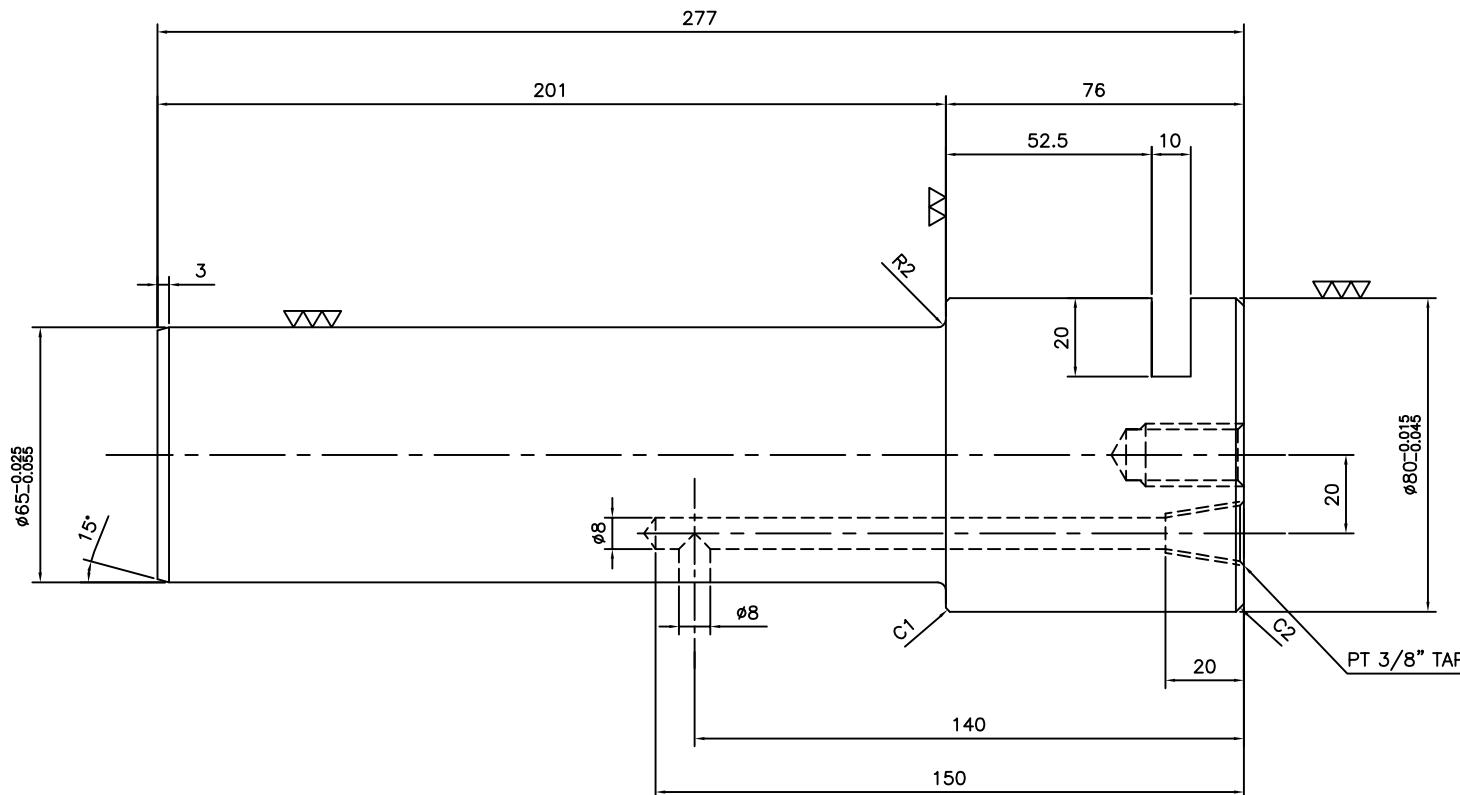
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040	0.040
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163



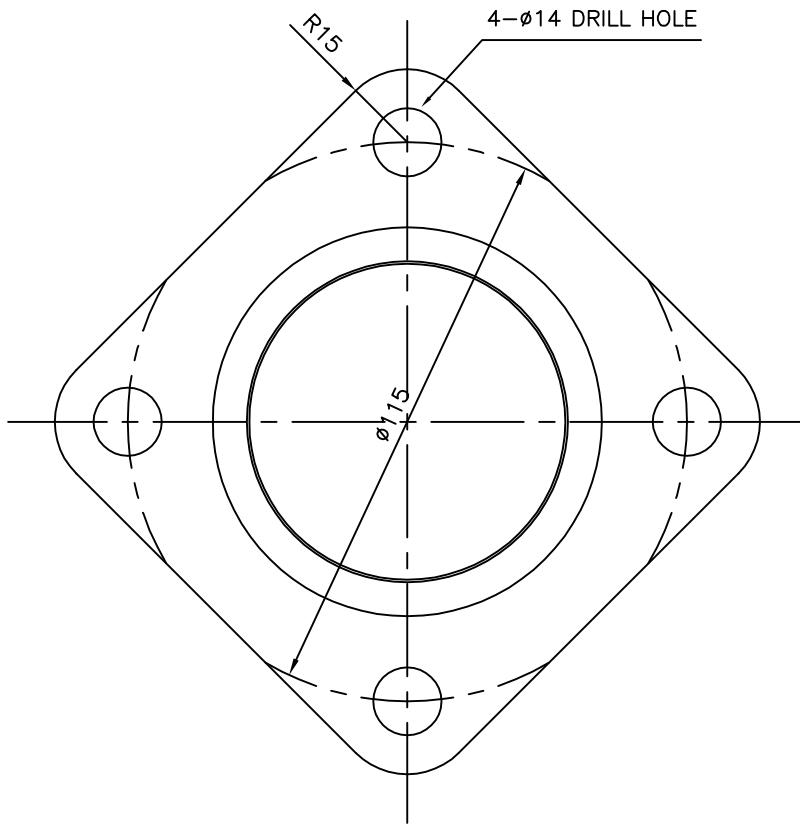
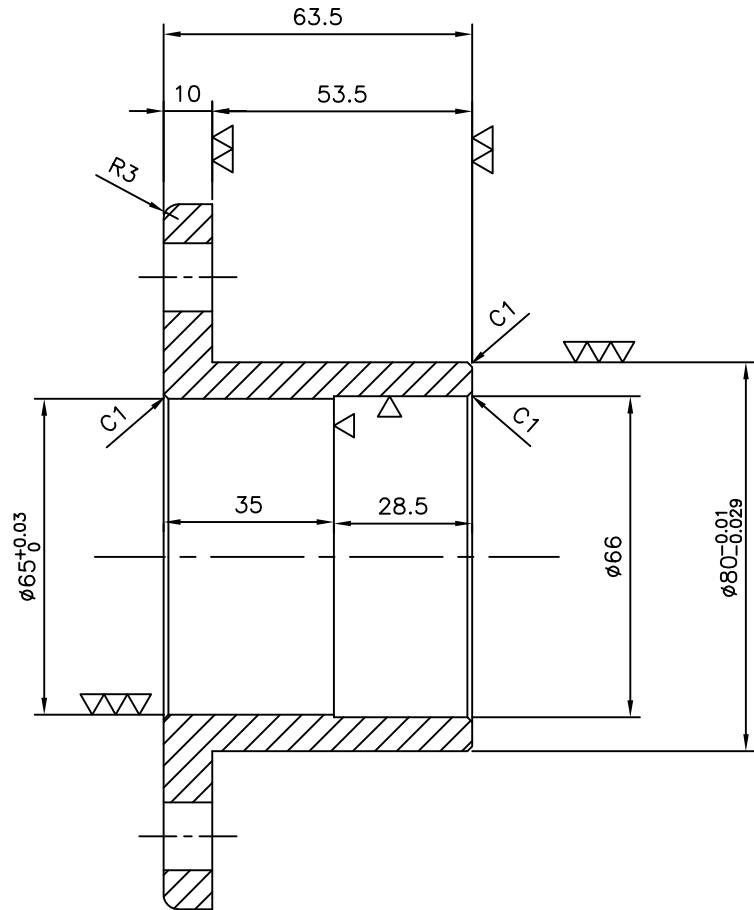
1	FOLLOWING WHEEL	SCMn2A	1	2				
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS	
			QTY			WEIGHT KG		
PROJECT	GIPFEL KOREA STANDARD						DATE	
							2024.01	
TITLE	GFK-315Ø						SCALE	
	FOLLOWING WHEEL						1:1	
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.				
KIM.J.H			KIM.M.C					
 GIPFEL			SHEET NO.	GFK-19-315-FW				

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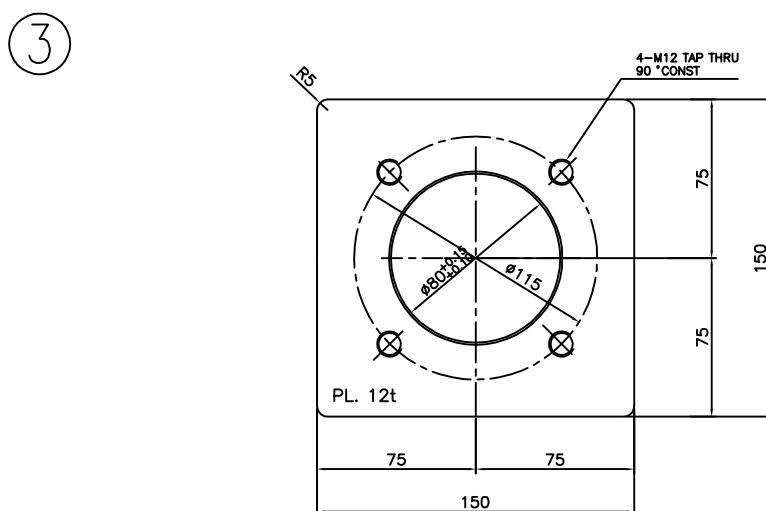
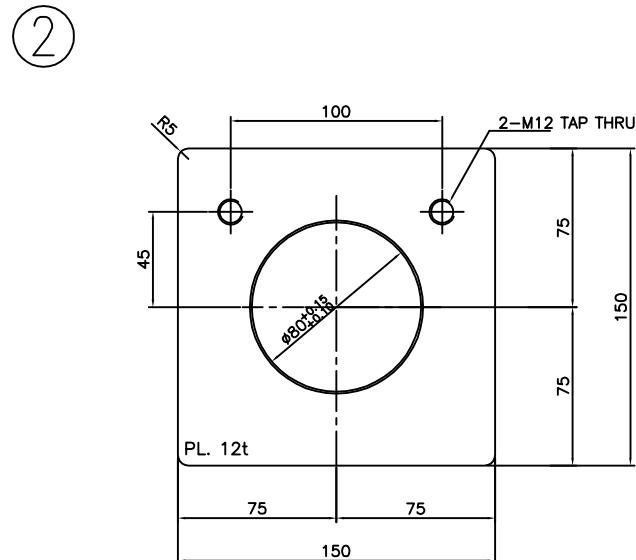
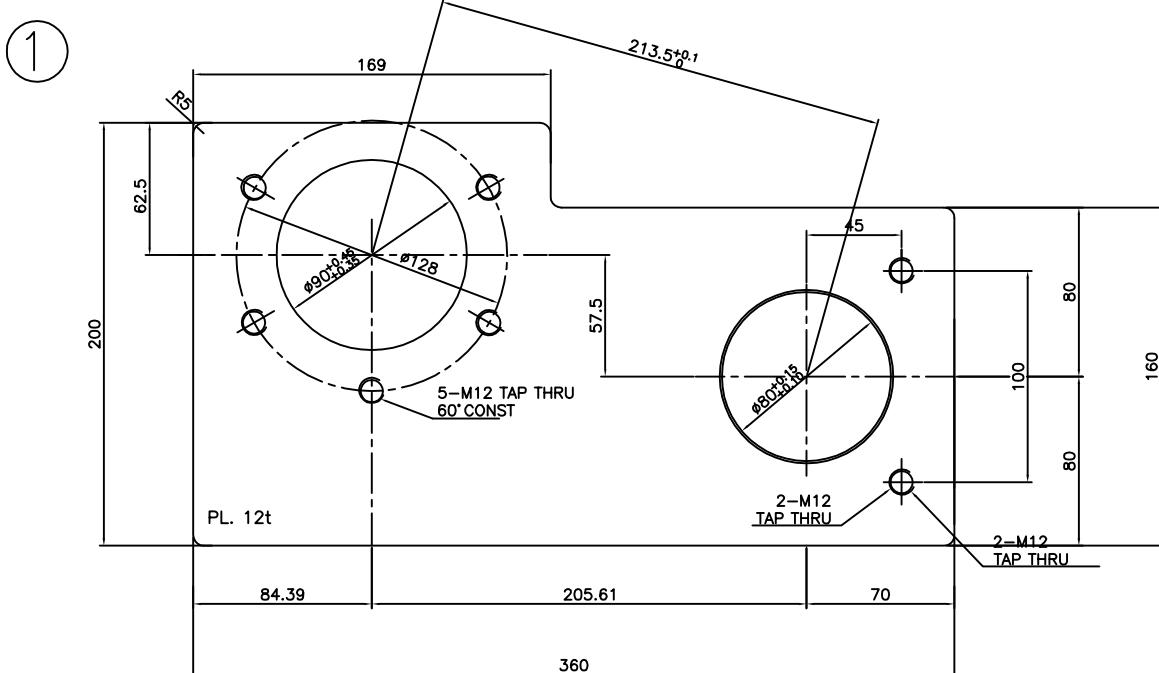


1	SHAFT	S45CN	1	4				
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS	
PROJECT		GIPFEL KOREA STANDARD						DATE
								2024.01
TITLE		GFK-315Ø						SCALE
		SHAFT						1:1
DRAWN			DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H					KIM. M. C			
 GIPFEL			SHEET NO.	SHEET NO.	GFK-19-315-S			

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NO.	DESCRIPTIONS	MT'L	1	4	UNIT	TOTAL	REMARKS
PROJECT		GIPFEL KOREA STANDARD					DATE
						2024.01	
TITLE	GFK-315Ø COLLAR					SCALE	1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
				SHEET NO.	GFK-19-315-C		

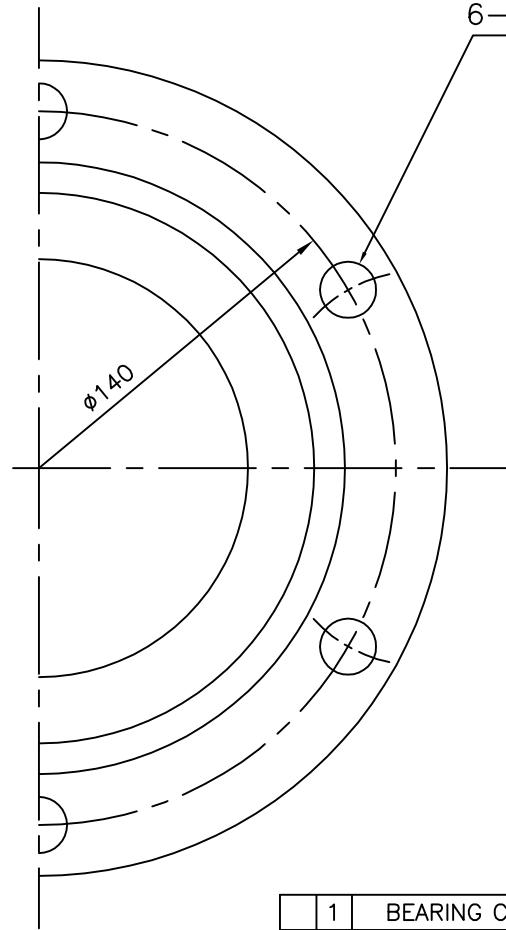
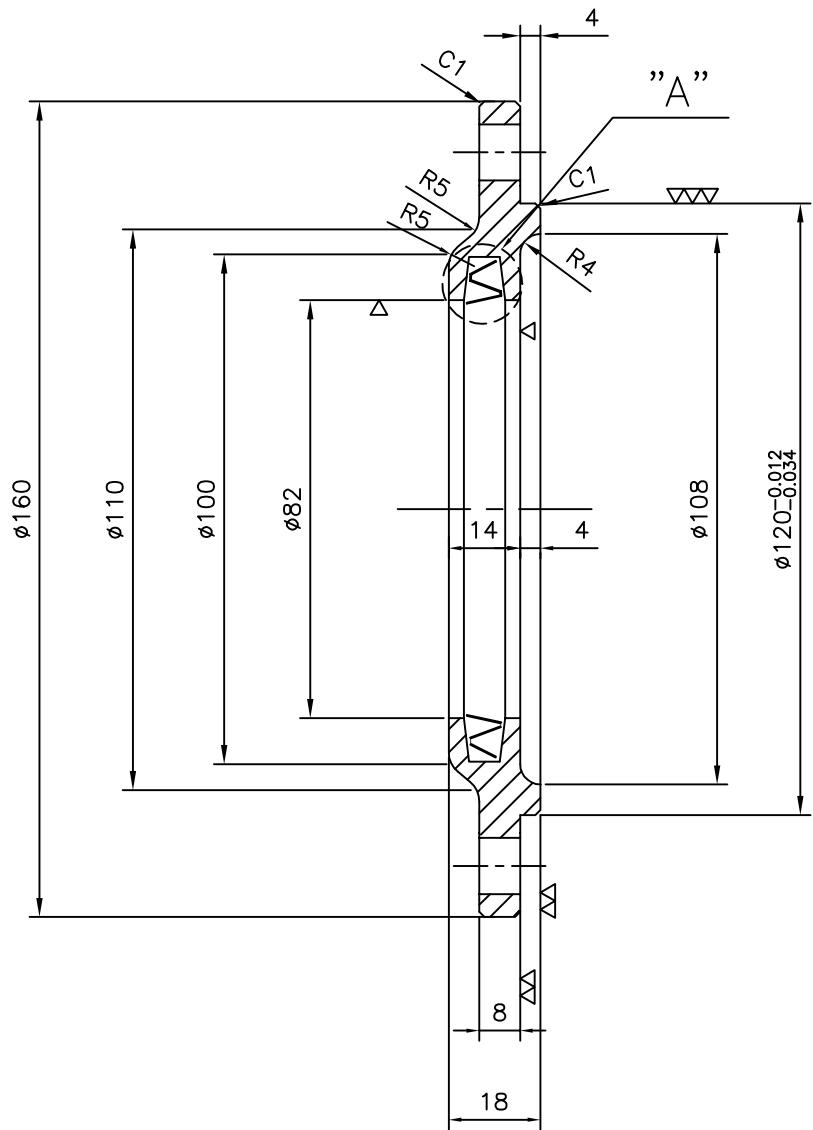


NOTE

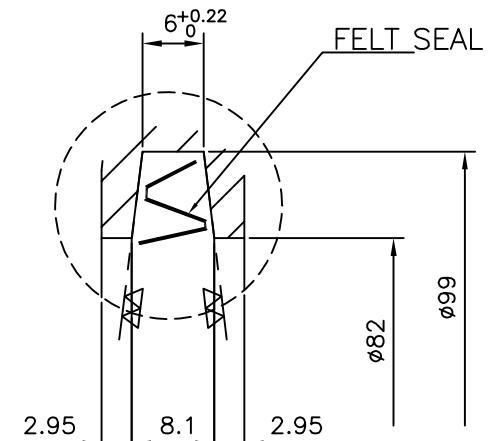
BREAK ALL SHARP EDGES OF HOLE C1

	3	COLLAR PLATE	SS400	4			12t
	2	SHAFT PLATE	SS400	2			12t
	1	MOTOR PLATE	SS400	2			12t
1		PLATE		1			
NO.	DESCRIPTIONS	MT'L		SET QT'Y	EA	UNIT WEIGHT KG	TOTAL
PROJECT	GIPFEL KOREA STANDARD					REMARKS	DATE
							2024.01
TITLE	GFK-315Ø PLATE					SCALE	
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF	DRAWING.		
KIM. J. H			KIM. M. C				
 GIPFEL			SHEET NO.		SHEET NO.		
					GFK-19-315-P		

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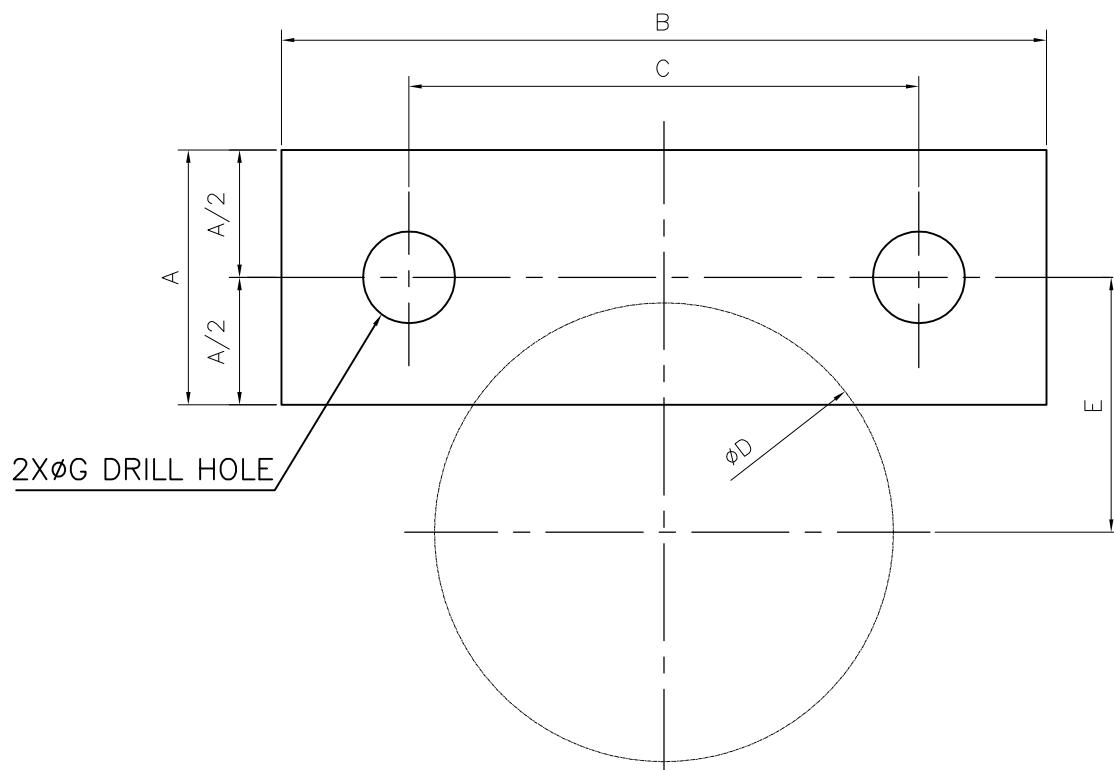


6-Ø11 DRILL HOLE

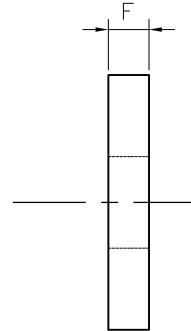


DETAIL "A"
SCALE=N/S

1	BEARING COVER	FC20	1	8			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY			WEIGHT KG	
PROJECT	GIPFEL KOREA STANDARD						DATE 2024.01
	TITLE	GFK-315Ø BEARING COVER					
DRAWN		DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H			KIM. M. C				
 GIPFEL			SHEET NO.	SHEET NO. GFK-19-315-BC			



WHEEL NOTATION	A	B	C	D	E	F	G
Ø160	38	120	80	60	35	9	14
Ø200	38	120	80	70	40	9	14
Ø250	38	120	80	75	42.5	9	14
Ø315, Ø350	50	150	100	80	45	9	14
Ø400, Ø450	50	150	100	90	50	9	18
Ø500, Ø550	50	170	120	105	57.5	9	18
Ø630	50	170	120	120	65	9	18
Ø710	50	210	150	130	67.5	12	18
Ø800	55	210	150	135	72.5	12	24



1	KEY PLATE	SS400	1	4				
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS	
			QTY			WEIGHT KG		
PROJECT	GIPFEL KOREA STANDARD					DATE		
						2019.10		
TITLE	GFK					SCALE		
	KEY PLATE					N/S		
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.				
KIM. J. H			KIM. M. C					
		SHEET NO.	SHEET NO.					
			GFK-19-K					