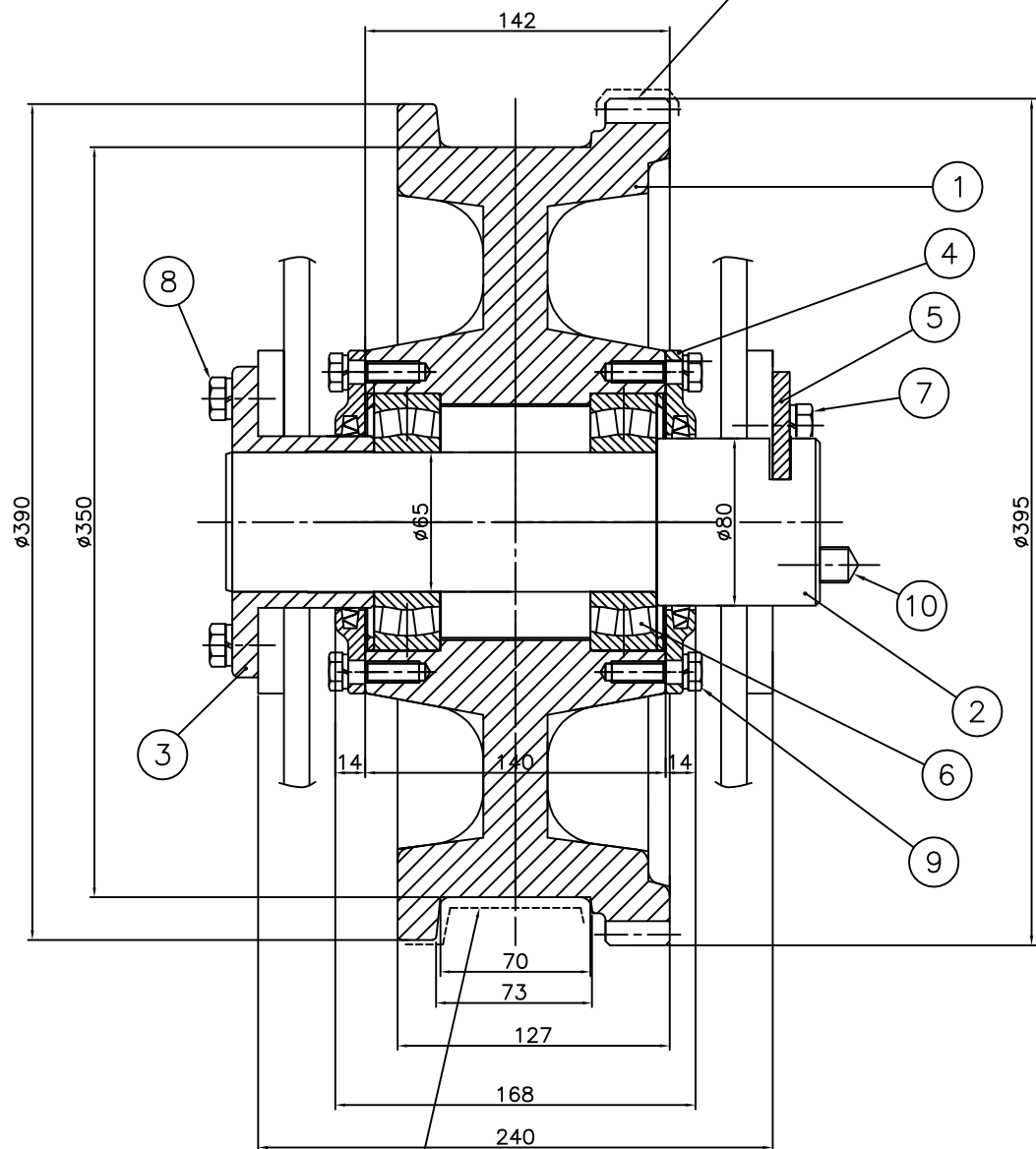
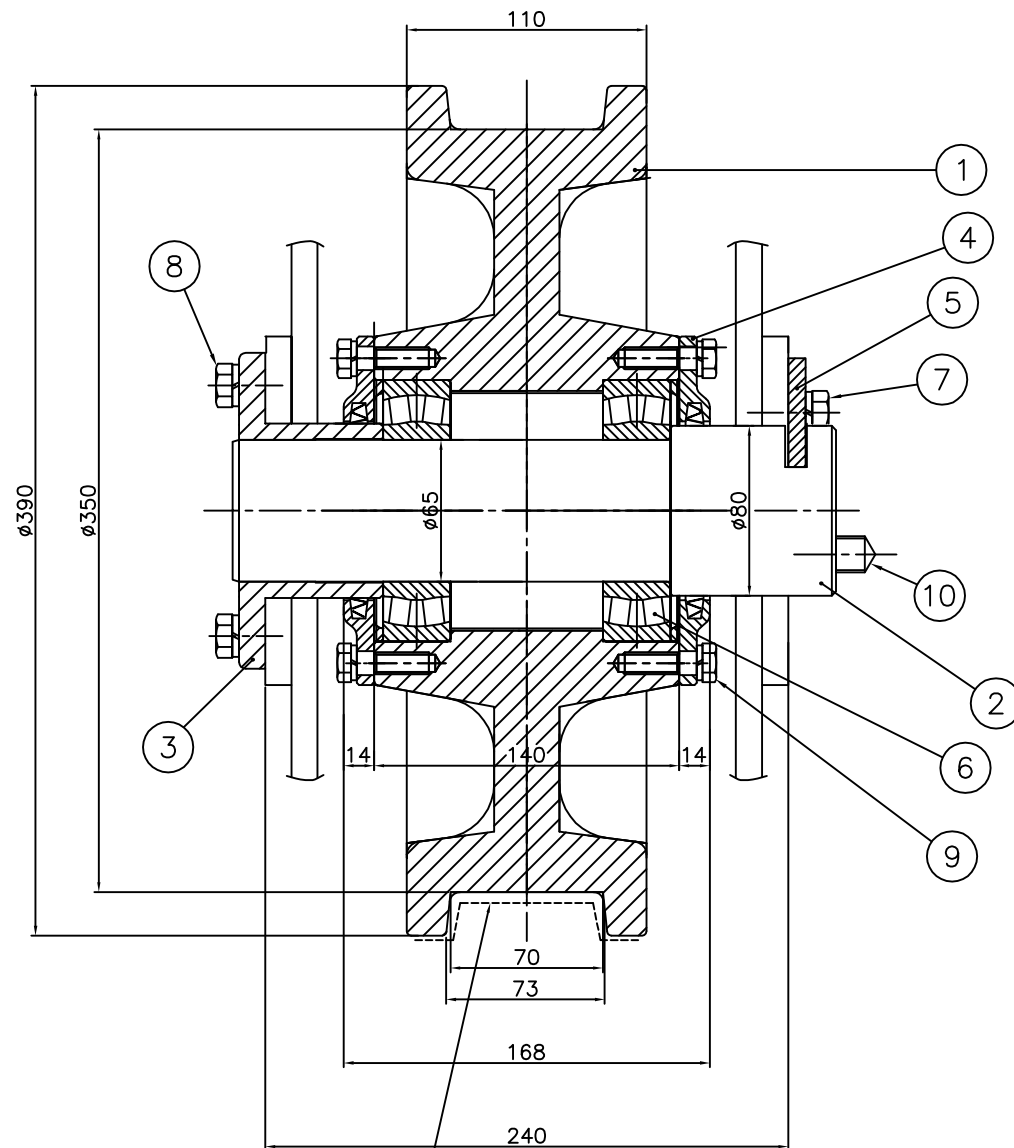


GEAR TEETH HIGH FREQUENCY HEAT TREATMENT(高周波熱處理)
HARDNESS : HS 55~65



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

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-19-350-DW
1	ASS'Y OF DRIVING WHEEL		1				
NO.	DESCRIPTIONS	MT'L	SET QTY	EA	UNIT	TOTAL WEIGHT KG	REMARKS
PROJECT	GIPFEL KOREA STANDARD					DATE	2024.01
TITLE	GFK-350ø DRIVING WHEEL ASS'Y					SCALE	N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
			SHEET NO.	SHEET NO.			
				GFK-19-350-DWA			

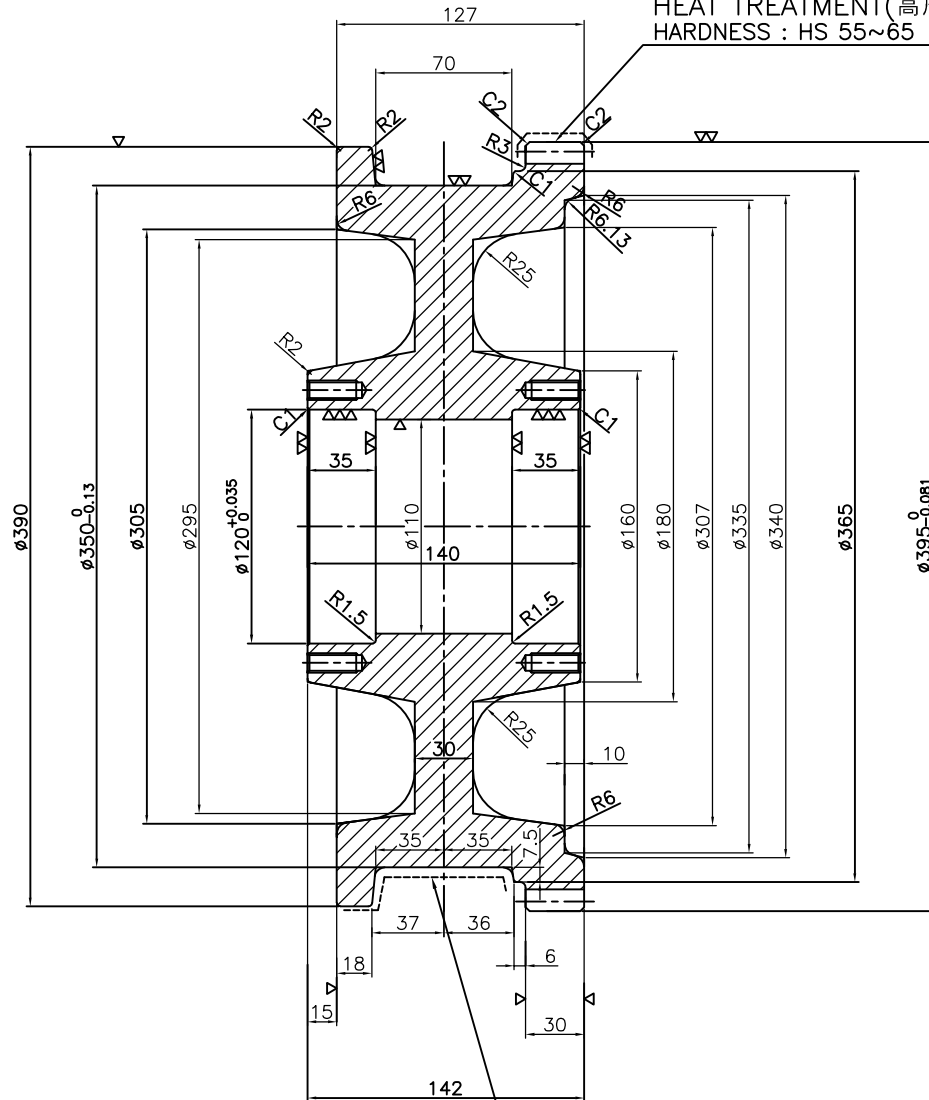


HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

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	FOLLOWING WHEEL	SCMn2A	2			GFK-19-350-FW
1	ASS'Y OF FOLLOWING WHEEL		1			
NO.	DESCRIPTIONS	MT'L	SET QTY	EA UNIT	TOTAL WEIGHT KG	REMARKS
PROJECT	GIPFEL KOREA STANDARD					DATE
						2024.01
TITLE	GFK-350ø FOLLOWING WHEEL ASS'Y					SCALE
						N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H			KIM. M. C			
			SHEET NO.	SHEET NO.		
				GFK-19-350-FWA		

~ (▽, ▽, ▿) ~

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

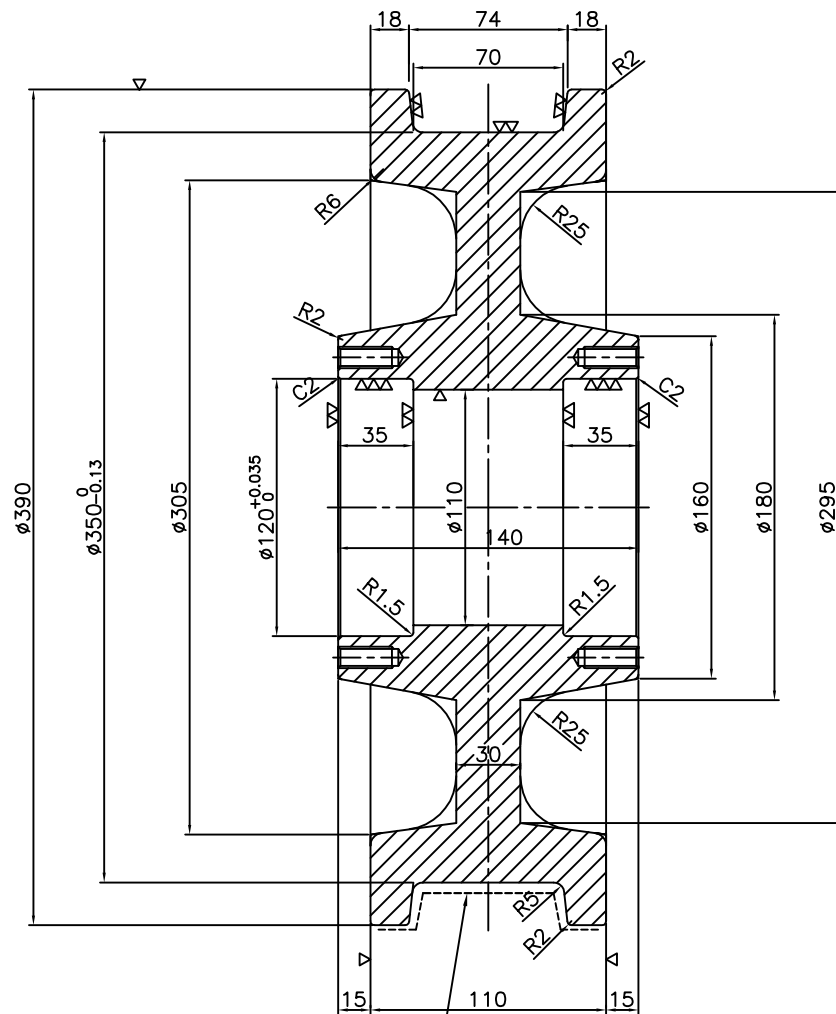
MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040	0.040
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min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

2X6-M10 TAP
DEPTH 20

GEAR SPECIFICATION	
MODULE	5
PRESSURE ANGLE	20°
NO. OF TEETH	77T
D.O.G.N OF TEETH	9T)130.857 ^{-0.1} _{-0.37}
P.C.D	φ385

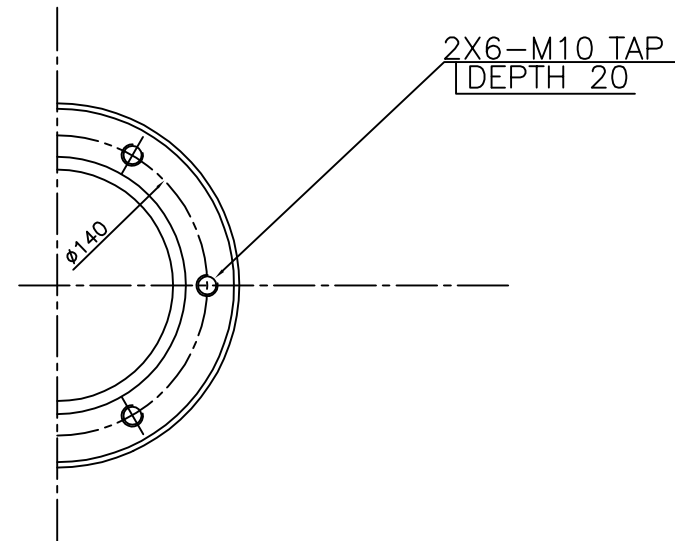
1	DRIVING WHEEL	SCMn2A	1	2			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY	WEIGHT KG			
PROJECT	GIPFEL KOREA STANDARD						DATE
TITLE	GFK-350ø						2024.01
	DRIVING WHEEL						SCALE
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM.J.H			KIM.M.C				
		SHEET NO.	SHEET NO.				
			GFK-19-350-DW				


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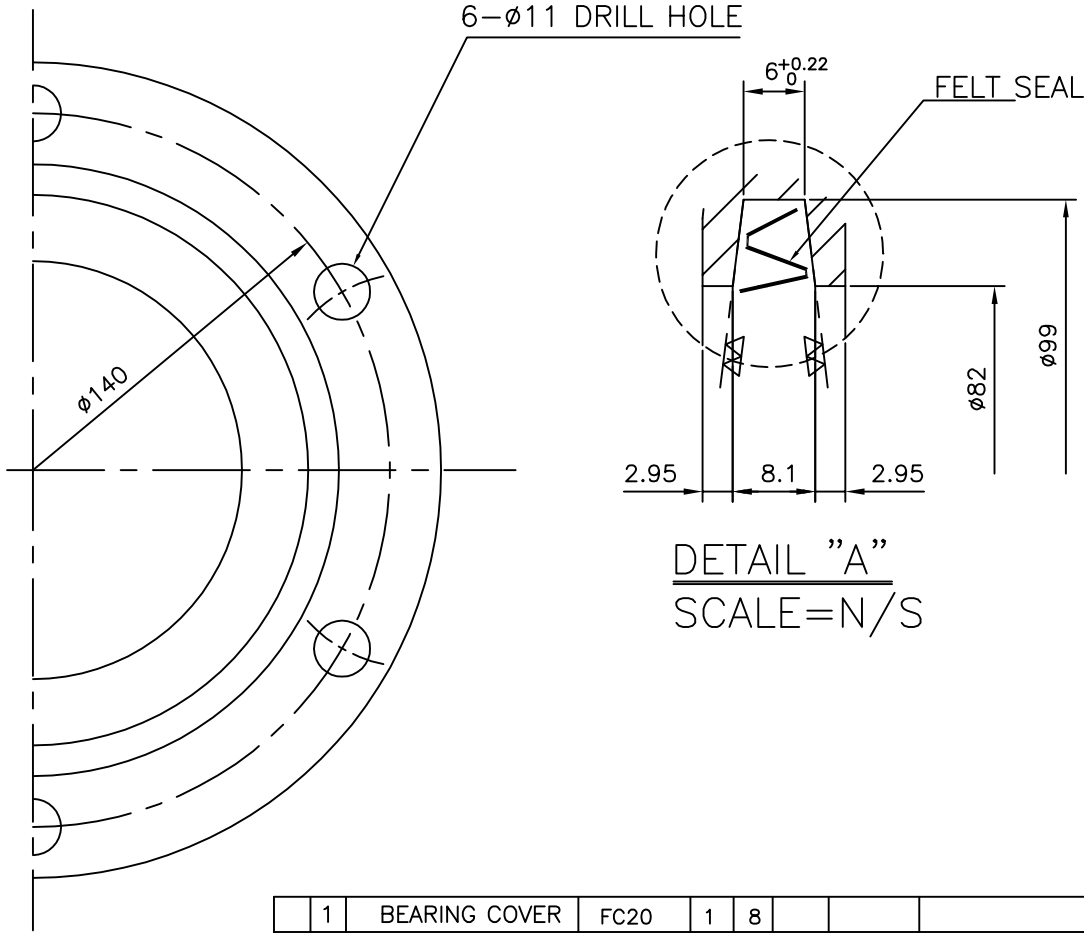
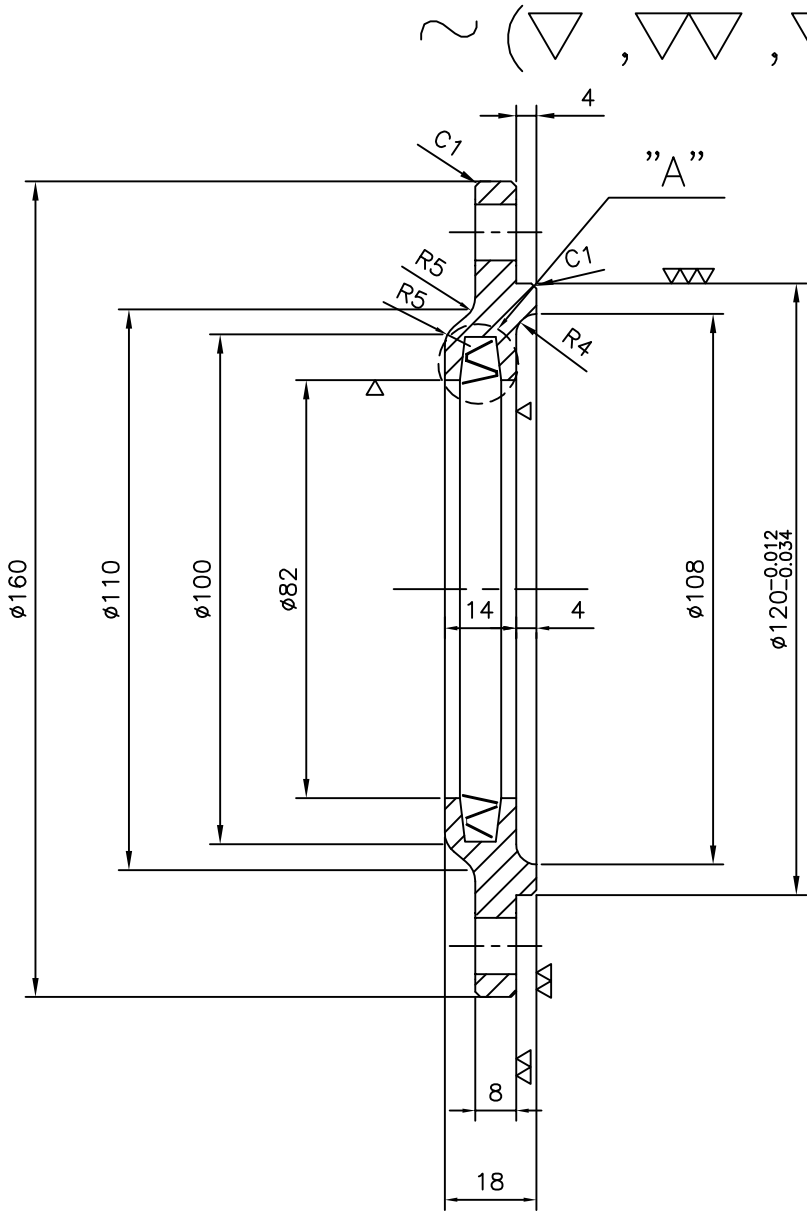



HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

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
	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
Mechanical Specification	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163

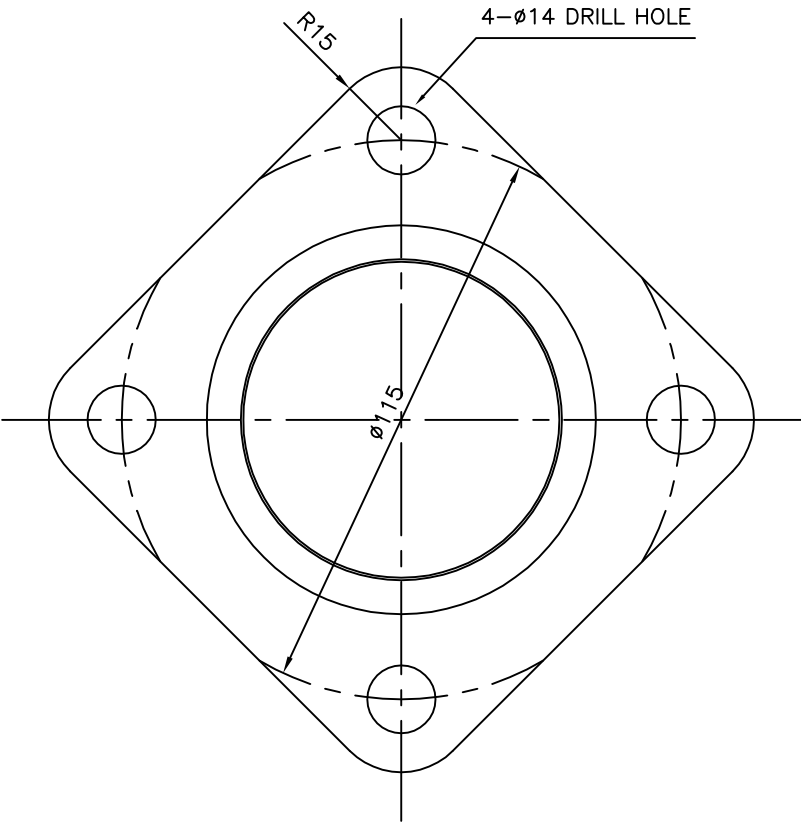
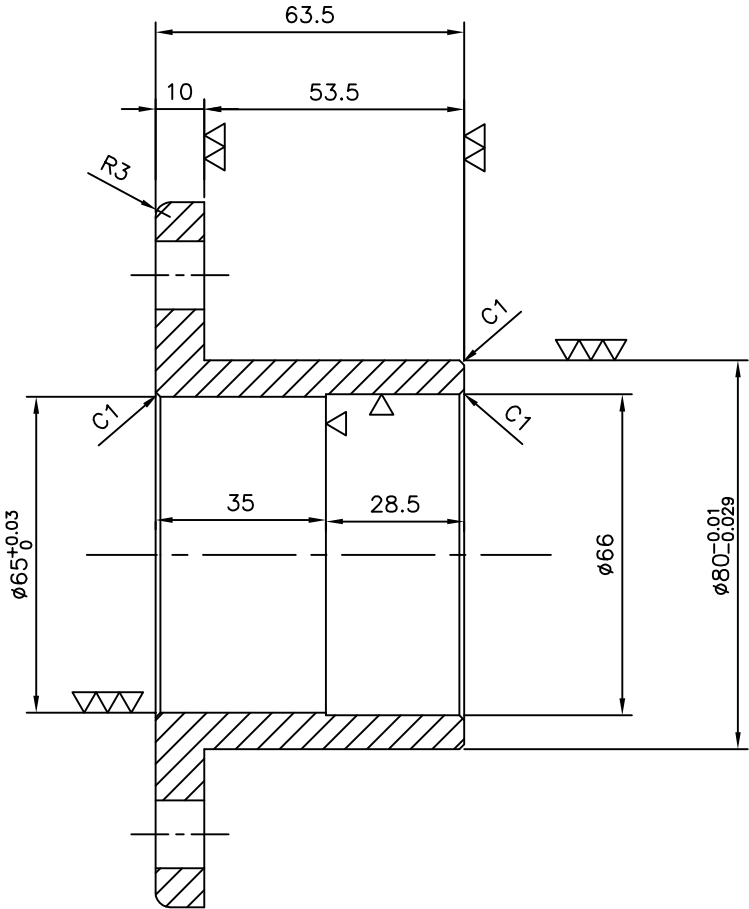



1	FOLLOWING WHEEL	SCMn2A	1	2			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY		WEIGHT KG		
PROJECT	GIPFEL KOREA STANDARD						DATE
							2024.01
TITLE	GFK-350ø FOLLOWING WHEEL						SCALE
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM.J.H			KIM.M.C				
		SHEET NO.		SHEET NO.			
				GFK-19-350-FW			



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										SCALE			
		BEARING COVER										1:1			
DRAWN		DESIGNED		CHECKED		APPROVED		REF DRAWING.							
KIM. J. H						KIM. M. C									
				SHEET NO.		SHEET NO.									
						GFK-19-315-BC									

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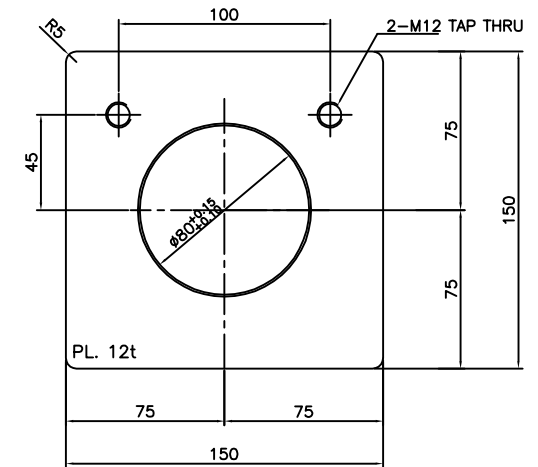
1	COLLAR	FCD40	1	4			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY		WEIGHT KG		
PROJECT	GIPFEL KOREA STANDARD					DATE	
						2024.01	
TITLE	GFK-315ø COLLAR					SCALE	
						1:1	
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H			KIM. M. C				
		SHEET NO.		SHEET NO.			
				GFK-19-315-C			

①

GFK-350ø

M.P는 별도 설계제작

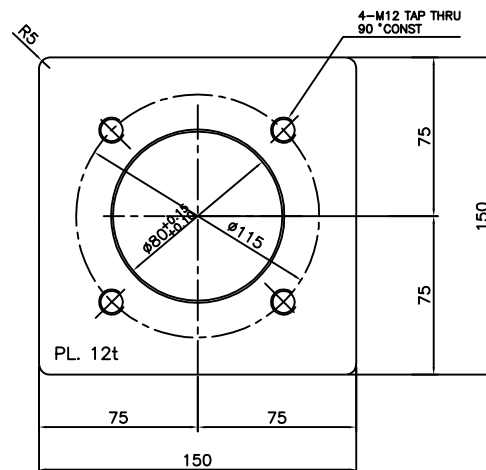
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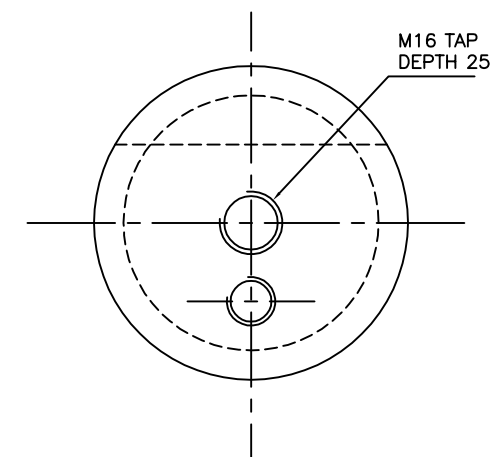
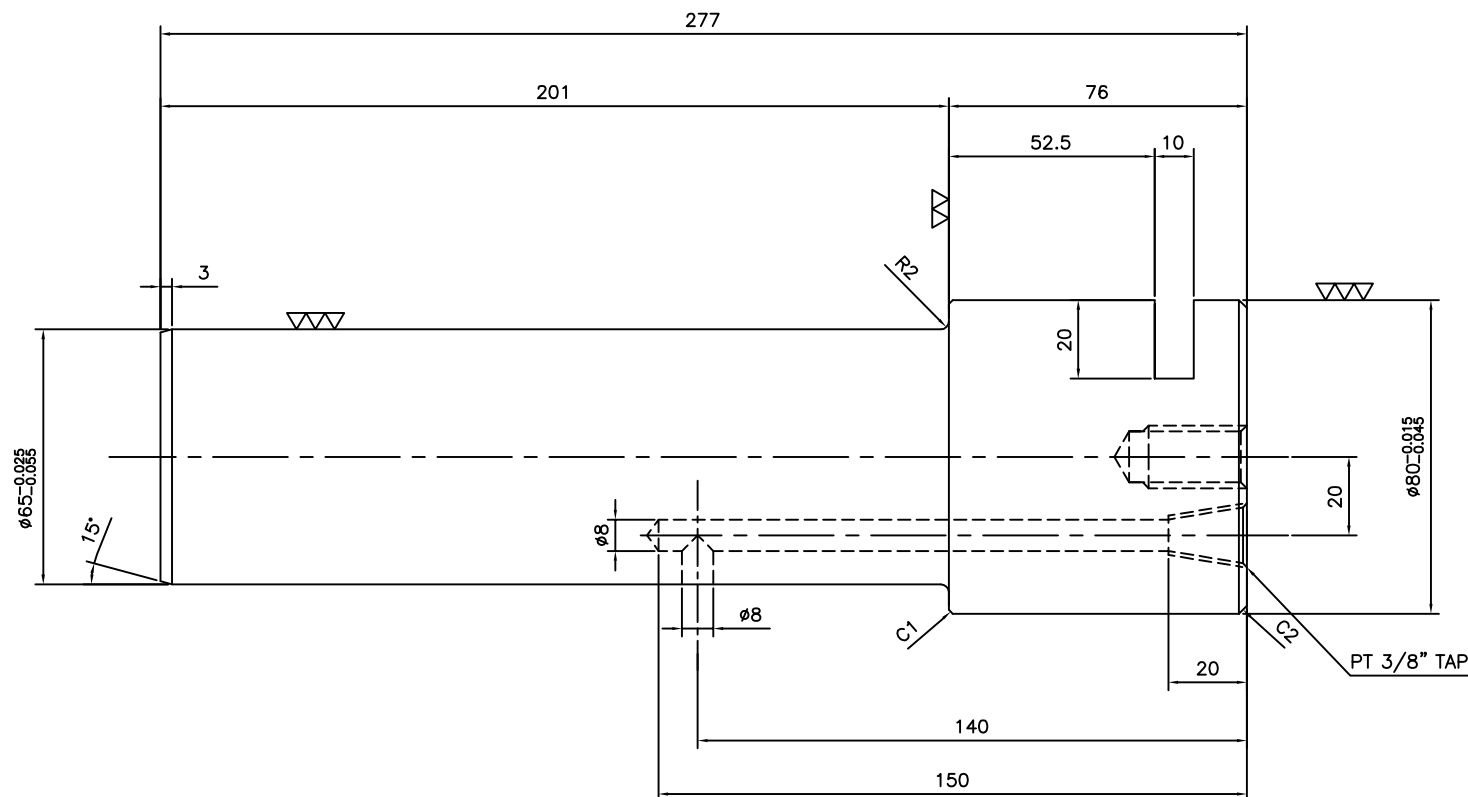
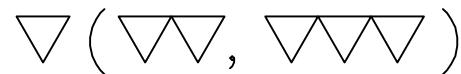
NOTE


BREAK ALL SHARP EDGES OF HOLE C1

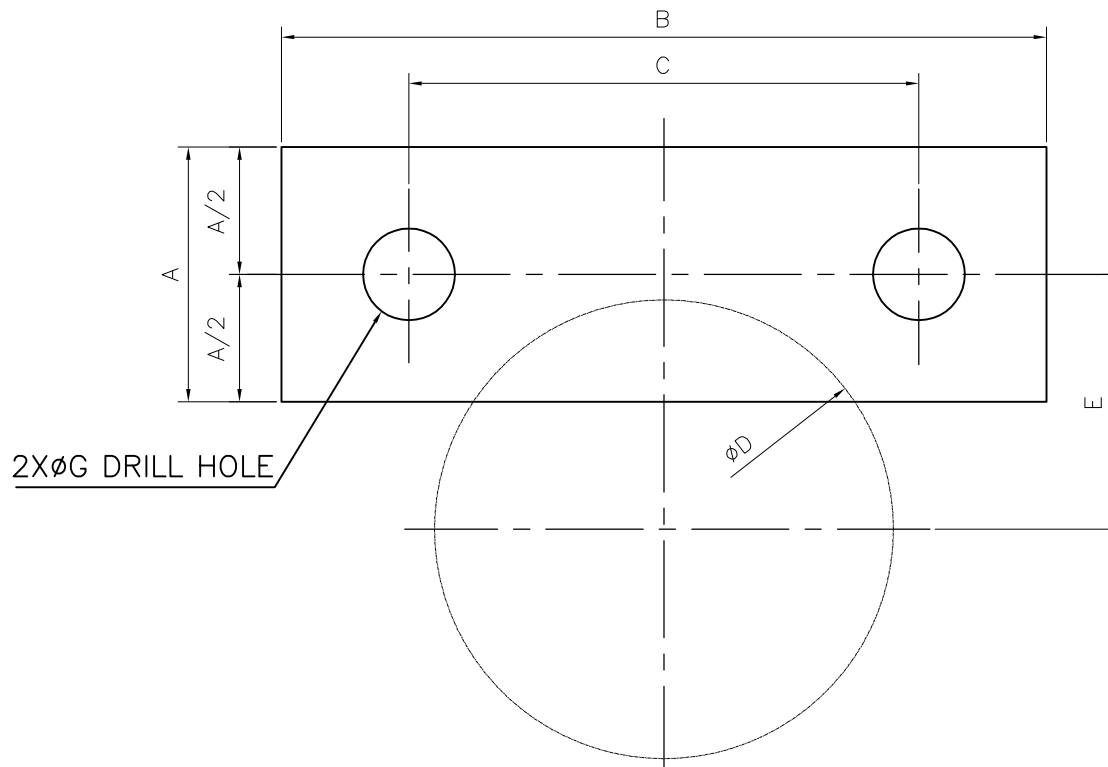
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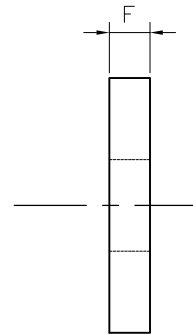
3	COLLAR PLATE	SS400	4			12t	
2	SHAFT PLATE	SS400	2			12t	
1	MOTOR PLATE	SS400	2			12t	
1	PLATE		1				
NO.	DESCRIPTIONS	MT'L	SET QTY	EA	UNIT	TOTAL WEIGHT KG	REMARKS
PROJECT		GIPFEL KOREA STANDARD					DATE
TITLE		GFK-315ø PLATE					2024.01
							SCALE
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
			SHEET NO.	SHEET NO.			
				GFK-19-350-P			




1	SHAFT	S45CN	1	4					
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS		
			QTY	WEIGHT KG					
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				
			SHEET NO.		SHEET NO.				
					GFK-19-315-S				



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 KEY PLATE						SCALE
							N/S
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H			KIM. M. C				
		SHEET NO.	SHEET NO.				
			GFK-19-K				