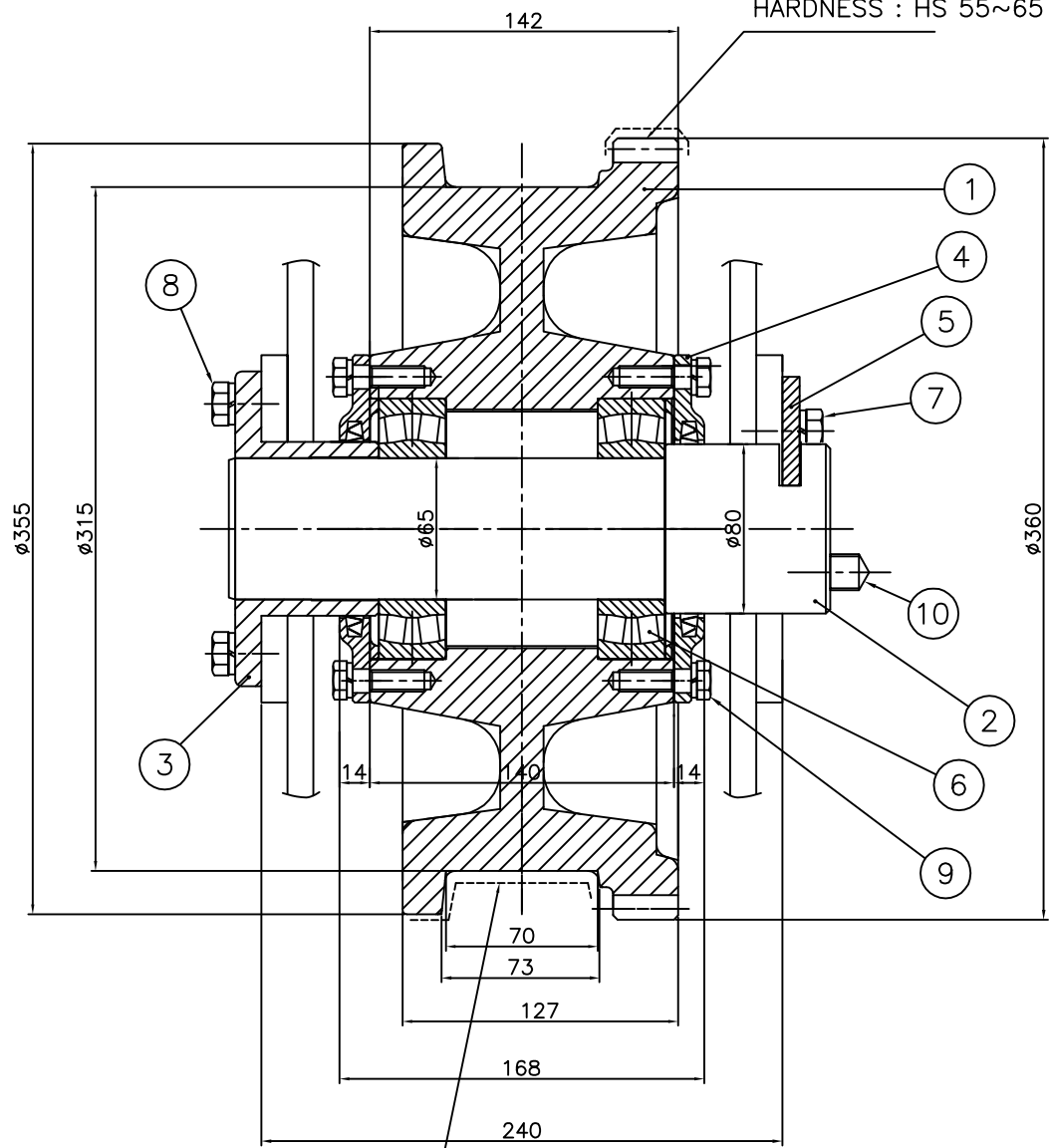
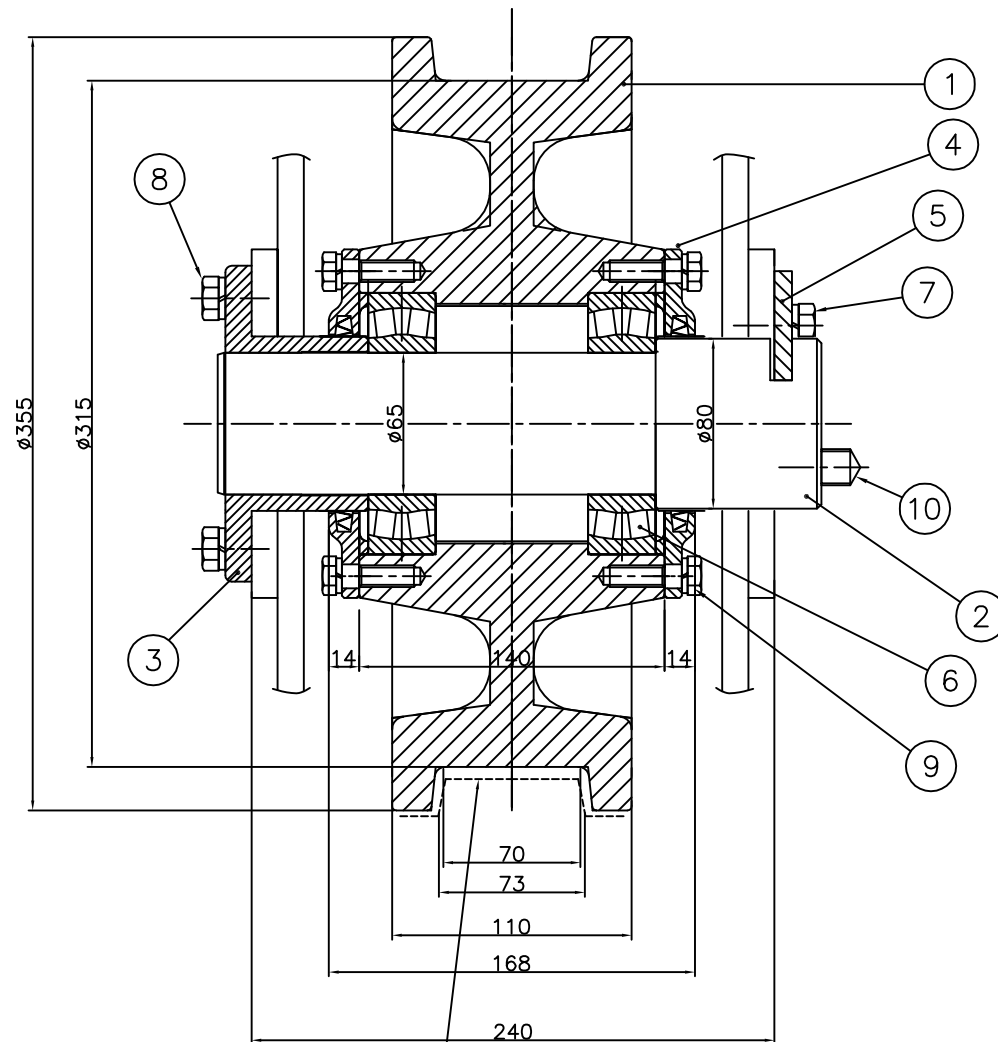



GEAR TEETH HIGH FREQUENCY HEAT TREATMENT(高周波熱處理)  
HARDNESS : HS 55~65



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

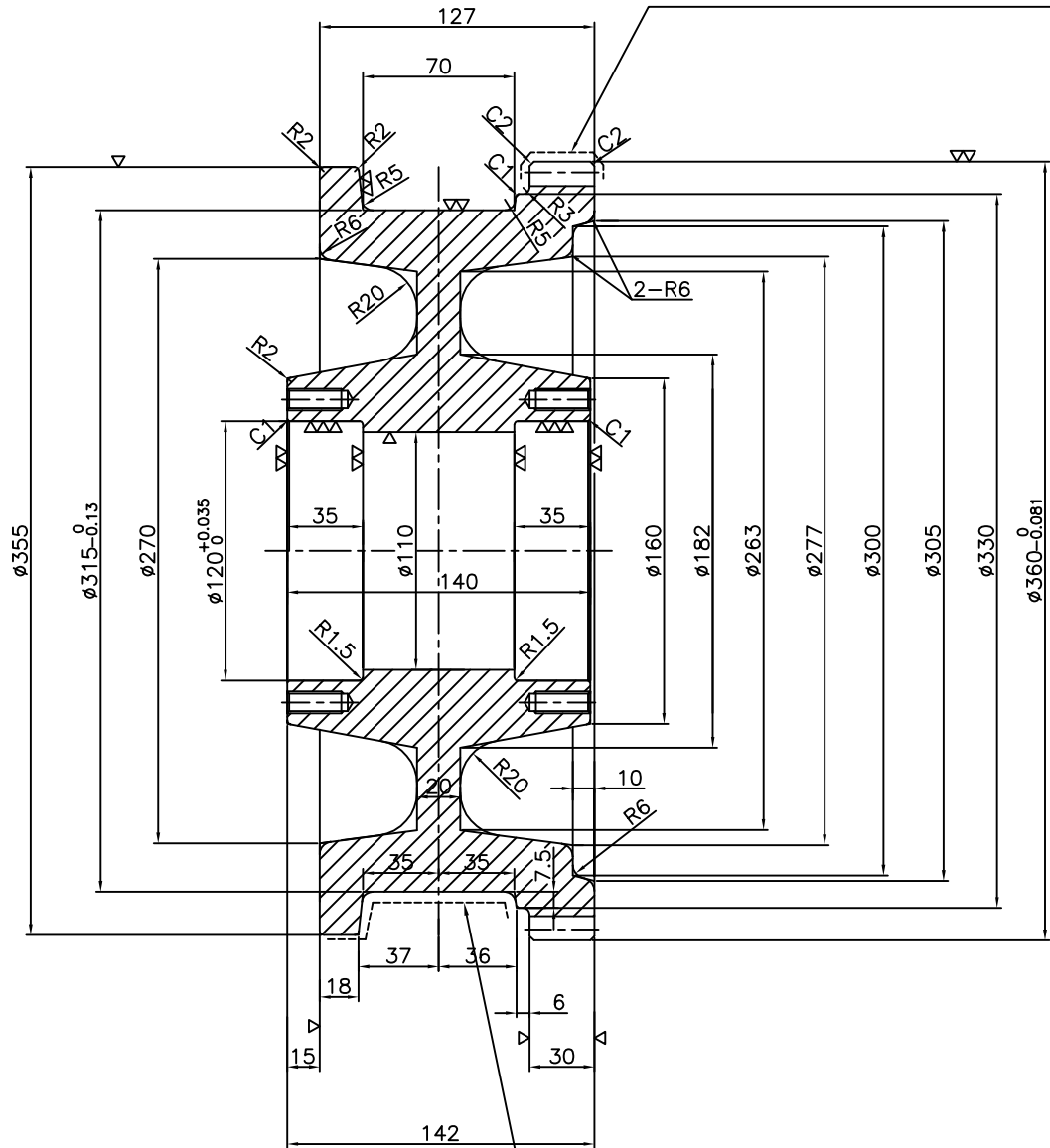
10	GREASE NIPPLE	PUR-CHASE	2			PT 3/8"
9	BOLT.SW	4T	24			M10x30
8	BOLT.SW	4T	8			M12x25
7	BOLT.SW	4T	4			M12x20
6	BEARING	PUR-CHASE	4			#22213
5	KEY PLATE	SS400	2			GFK-19-K
4	BEARING COVER	FC20	4			GFK-19-315-BC
3	COLLAR	FCD40	2			GFK-19-315-C
2	SHAFT	S45CN	2			GFK-19-315-S
1	DRIVING WHEEL	SCMn2A	2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



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			
NO.	DESCRIPTIONS	MT'L	SET QTY	EA UNIT	TOTAL WEIGHT KG	REMARKS
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.	SHEET NO.			
			GFK-19-315-FWA			

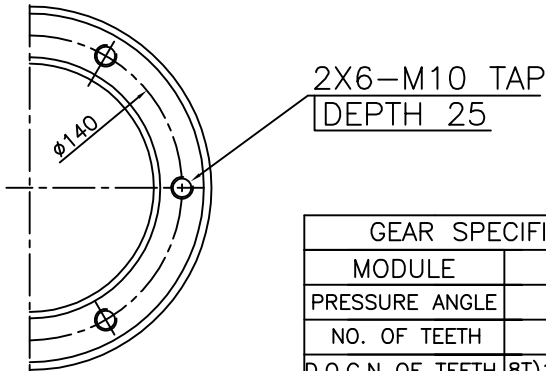
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GEAR TEETH HIGH FREQUENCY  
HEAT TREATMENT(高周波熱處理)  
HARDNESS : HS 55~65




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

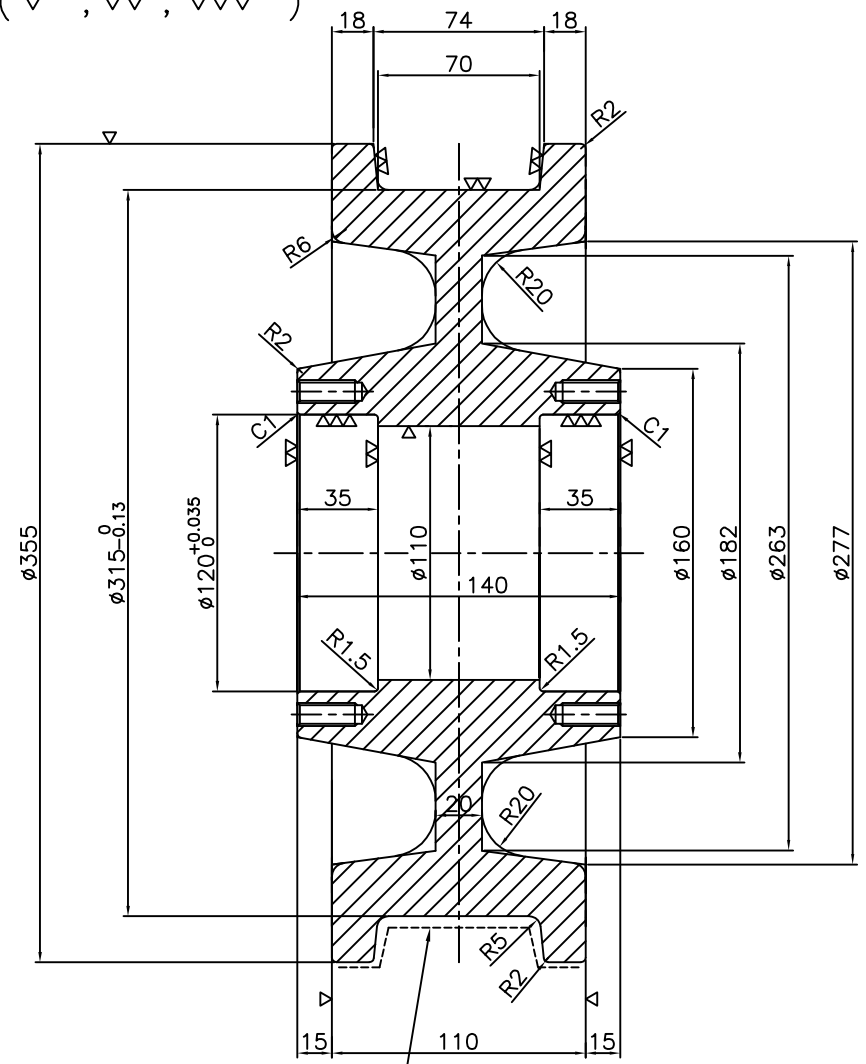
MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040	0.040
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min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



GEAR SPECIFICATION	
MODULE	5
PRESSURE ANGLE	20°
NO. OF TEETH	70T
D.O.G.N OF TEETH	(8T)115.607 <sup>+0.1</sup> <sub>-0.4</sub>
P.C.D	φ350

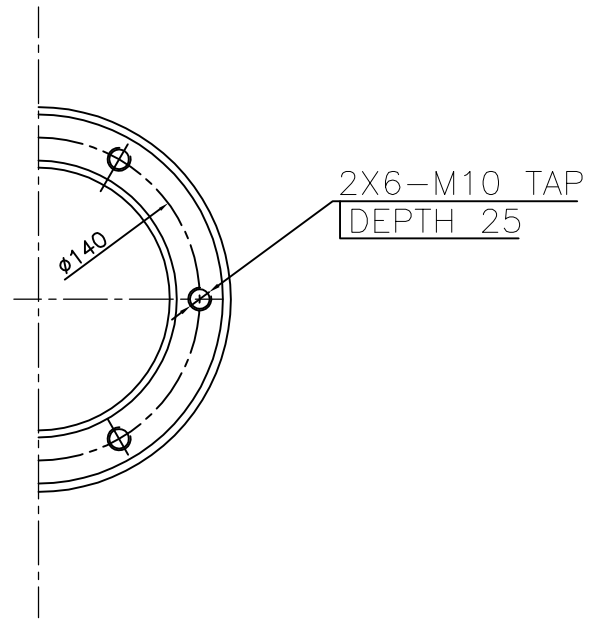
	1	DRIVING WHEEL	SCMn2A	1	2			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL		REMARKS
			QTY	WEIGHT KG				
PROJECT	GIPFEL KOREA STANDARD						DATE	
							2024.01	
TITLE	GFK-315ø DRIVING WHEEL						SCALE	
							1:1	
DRAWN		DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM.J.H				KIM.M.C				
			SHEET NO.	SHEET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


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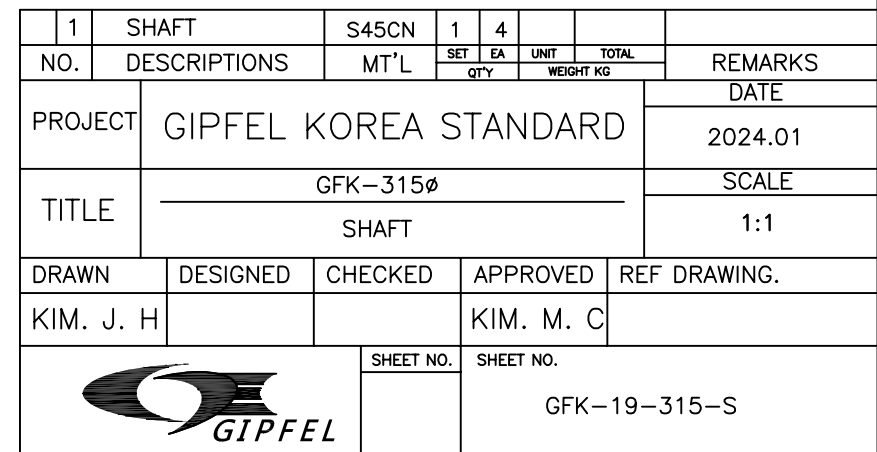
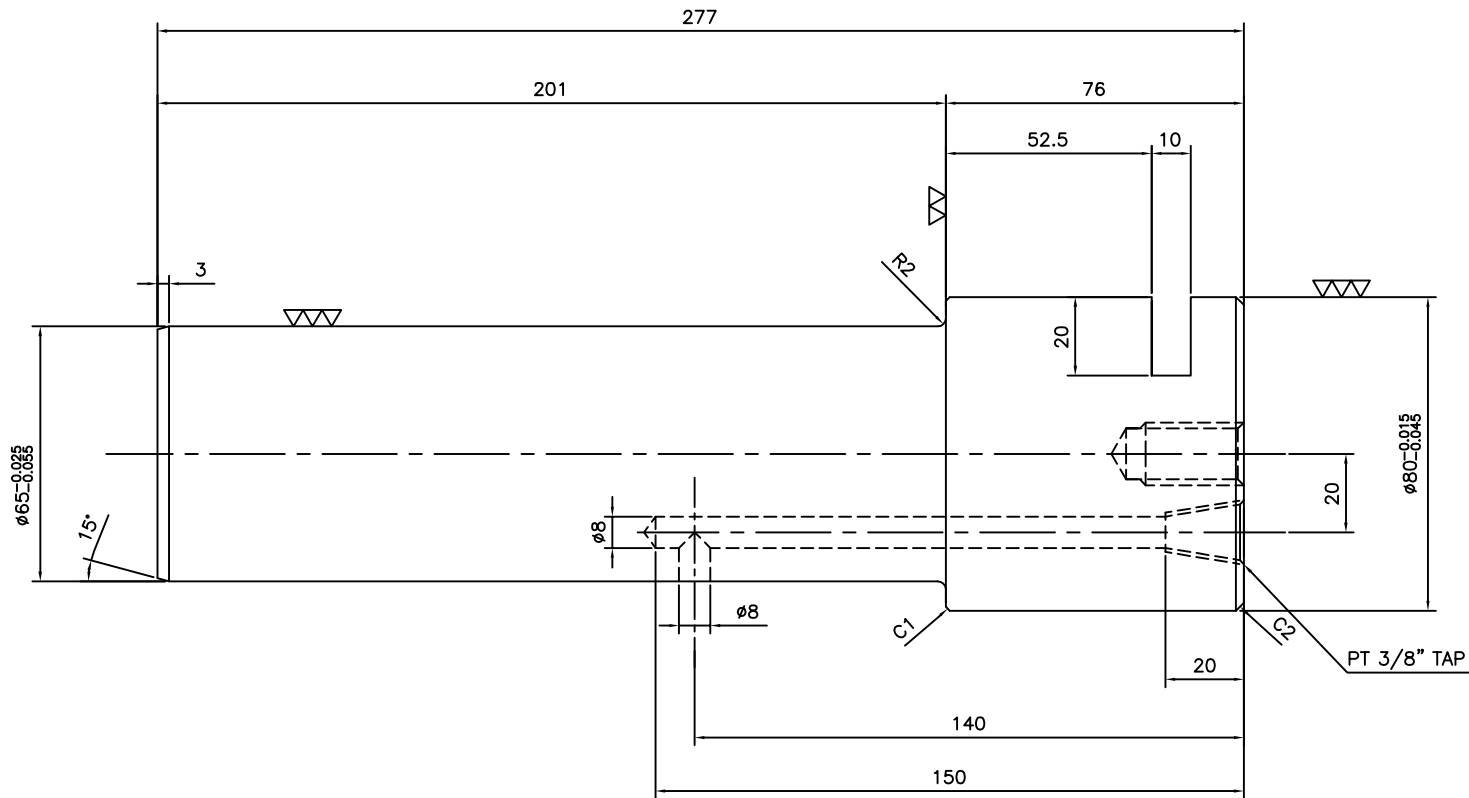


HIGH FREQUENCY HEAT TREATMENT  
(高周波熱處理)  
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

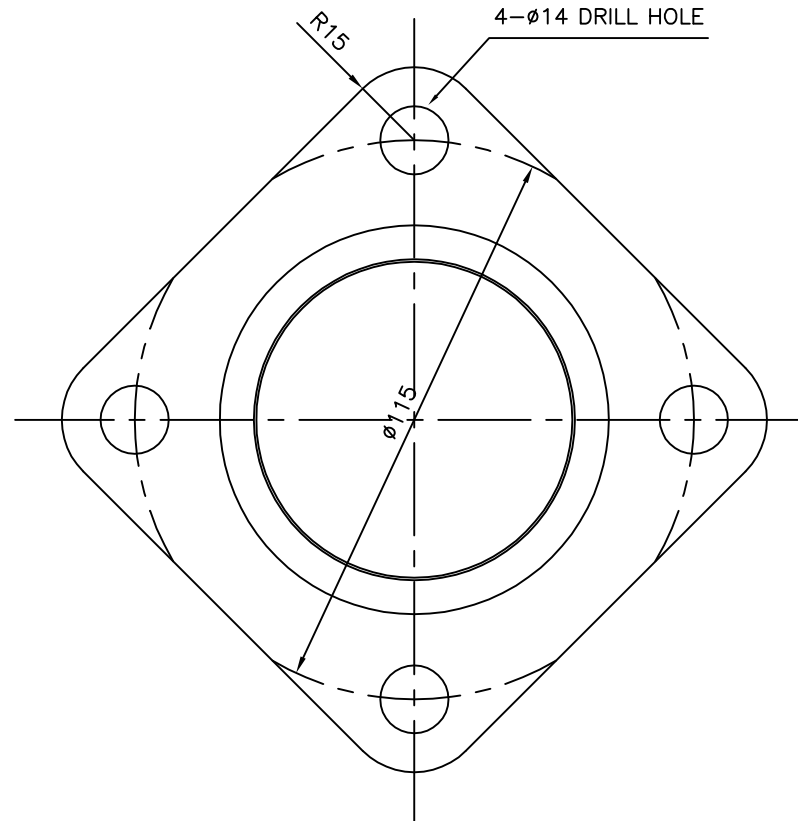
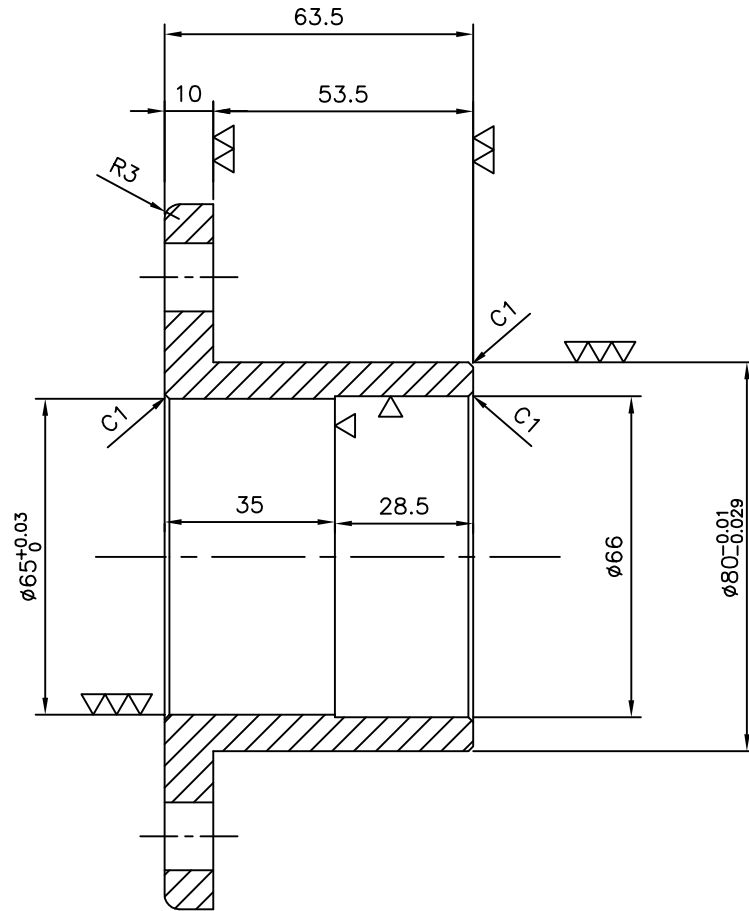
MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040 ↓	0.040 ↓
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35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




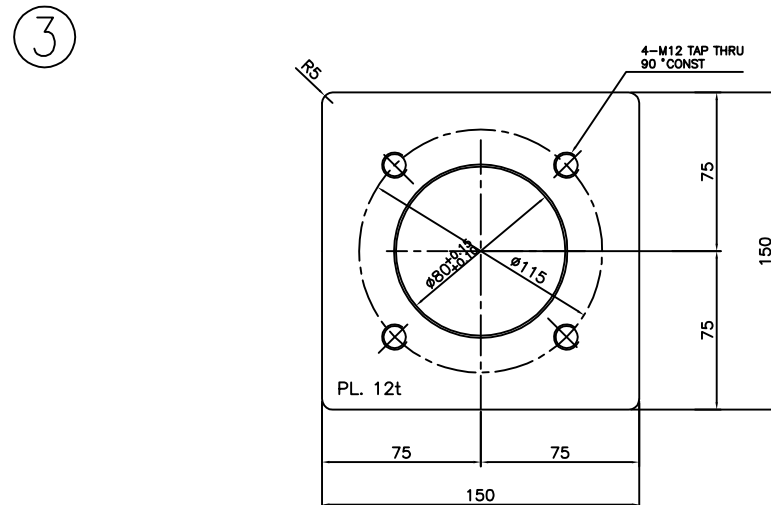
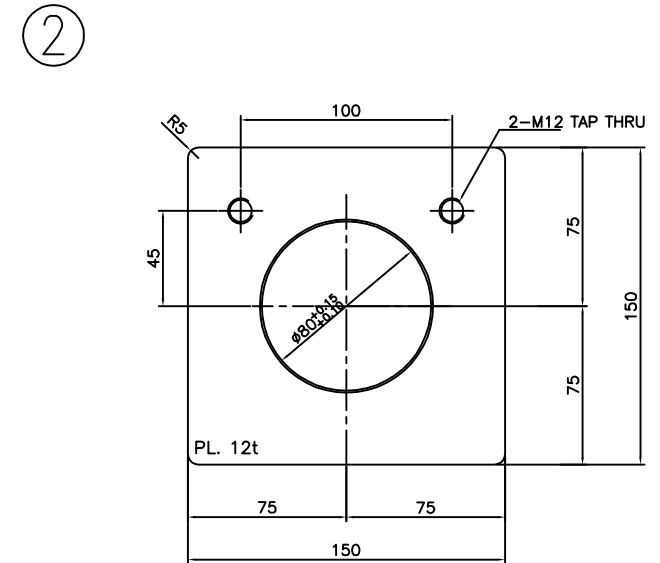
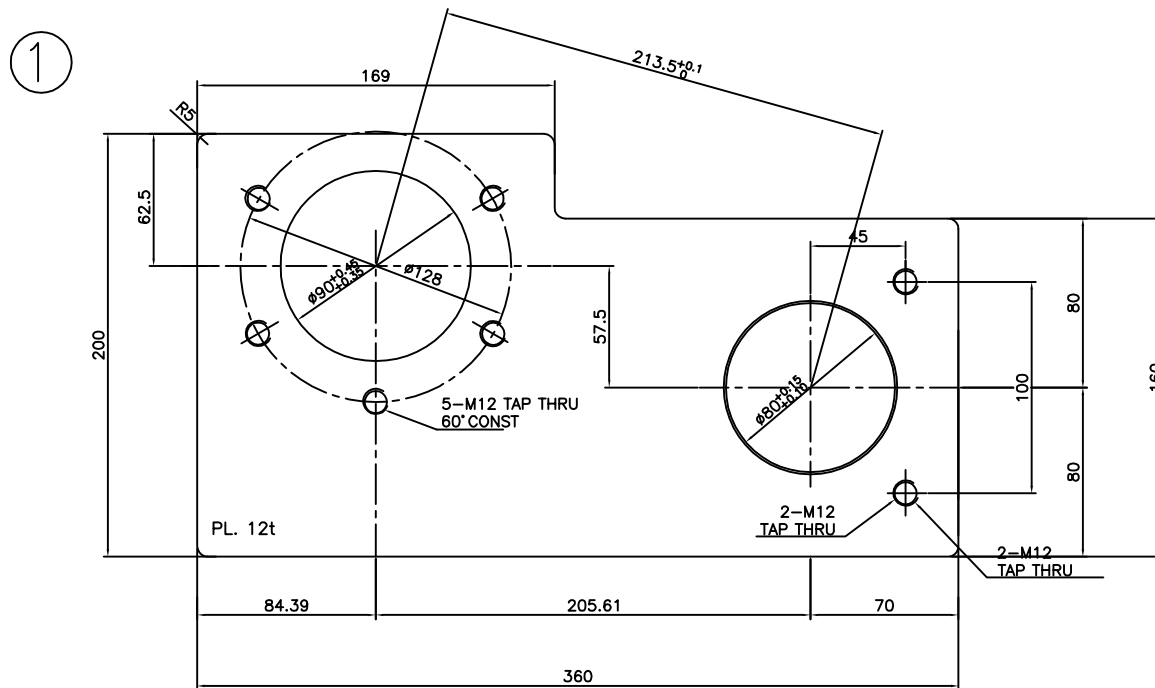
1		FOLLOWING WHEEL		SCMn2A		1		2							
NO.		DESCRIPTIONS		MT'L		SET		EA		UNIT		TOTAL		REMARKS	
						QTY				WEIGHT KG					
PROJECT		GIPFEL KOREA STANDARD										DATE			
												2024.01			
TITLE		GFK-315ø FOLLOWING WHEEL										SCALE			
												1:1			
DRAWN		DESIGNED		CHECKED		APPROVED		REF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



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

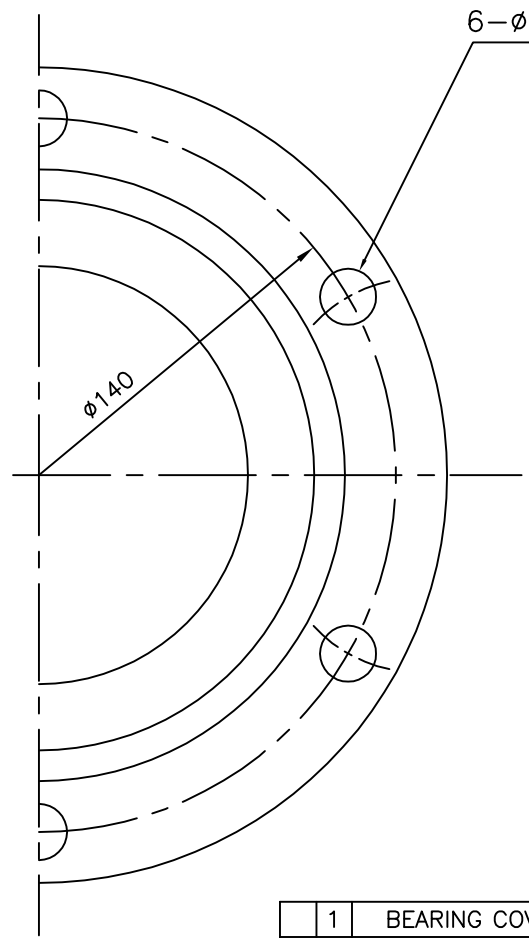
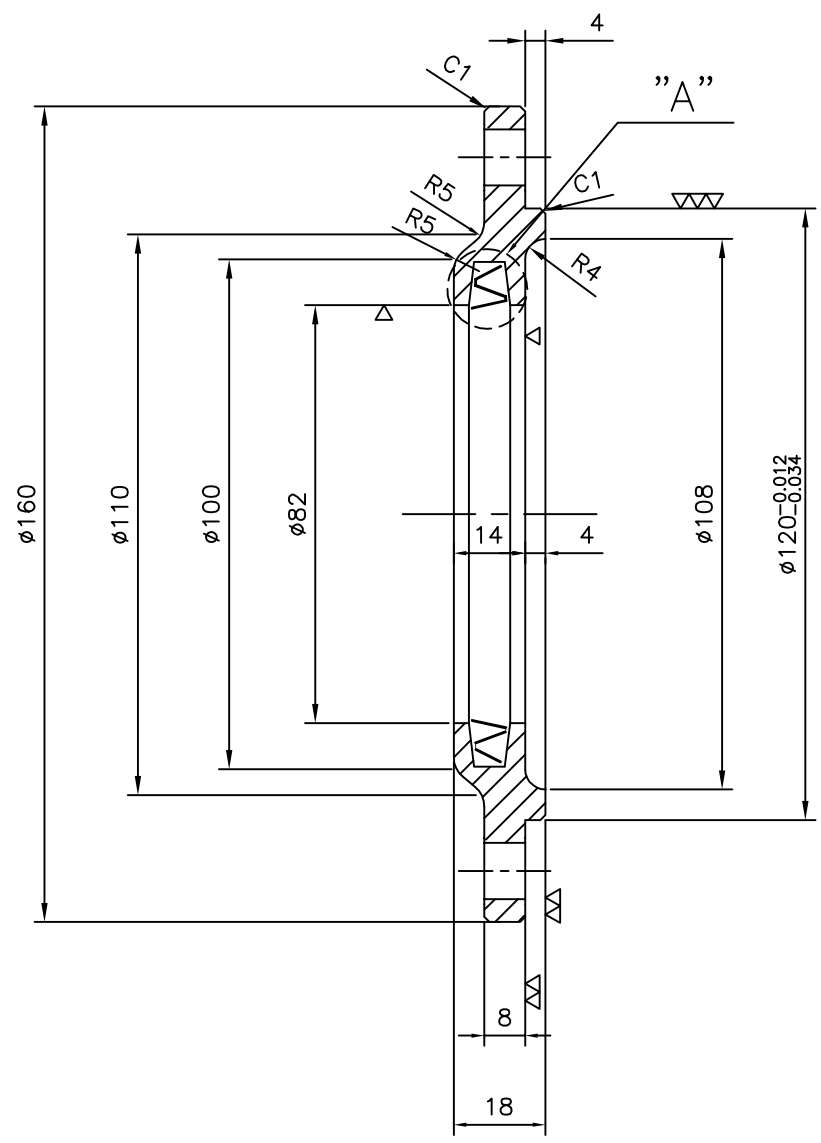


NOTE

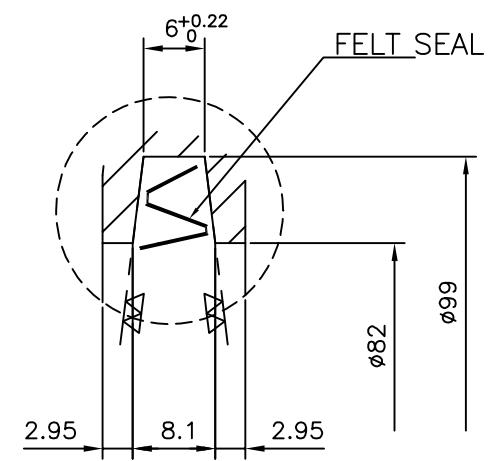
BREAK ALL SHARP EDGES OF HOLE C1

	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	EA	UNIT	TOTAL	REMARKS
				QTY		WEIGHT KG		
PROJECT	GIPFEL KOREA STANDARD						DATE	
							2024.01	
TITLE	GFK-315ø PLATE						SCALE	
							1:1	
DRAWN		DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H				KIM. M. C				
			SHEET NO.	SHEET NO.				
				GFK-19-315-P				


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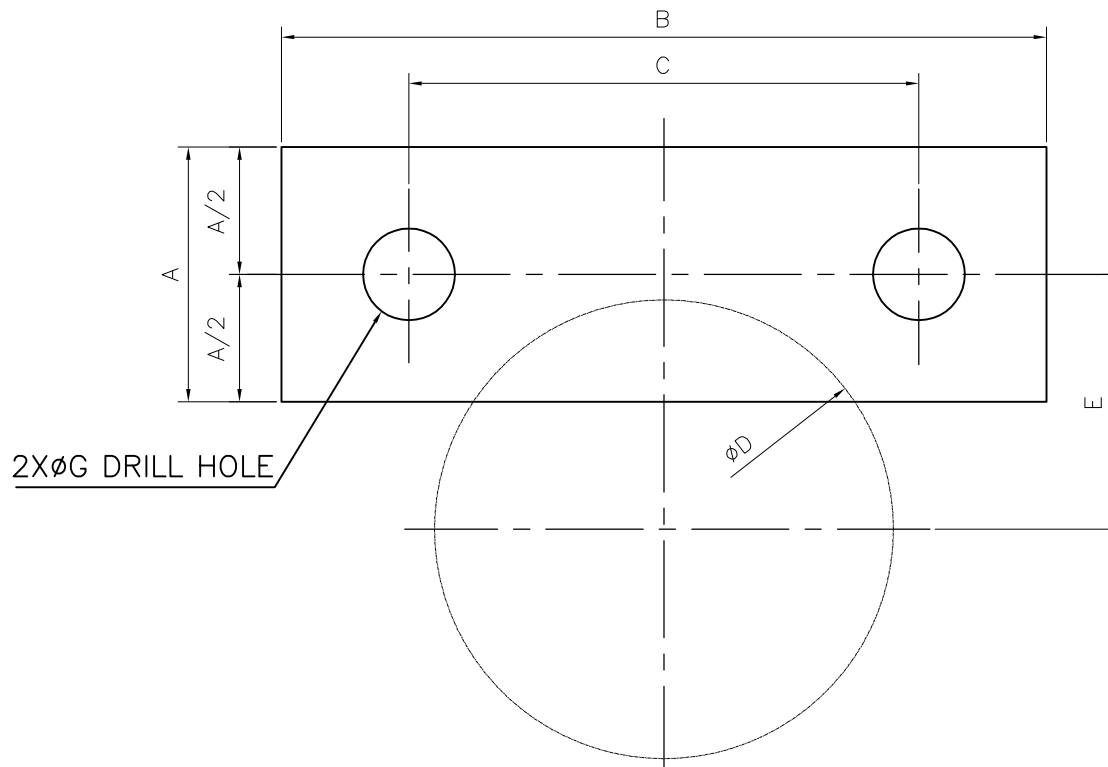
6-Ø11 DRILL HOLE



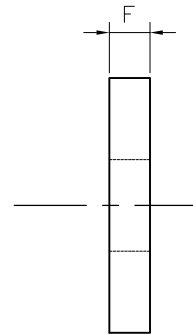
DETAIL "A"  
SCALE=N/S


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