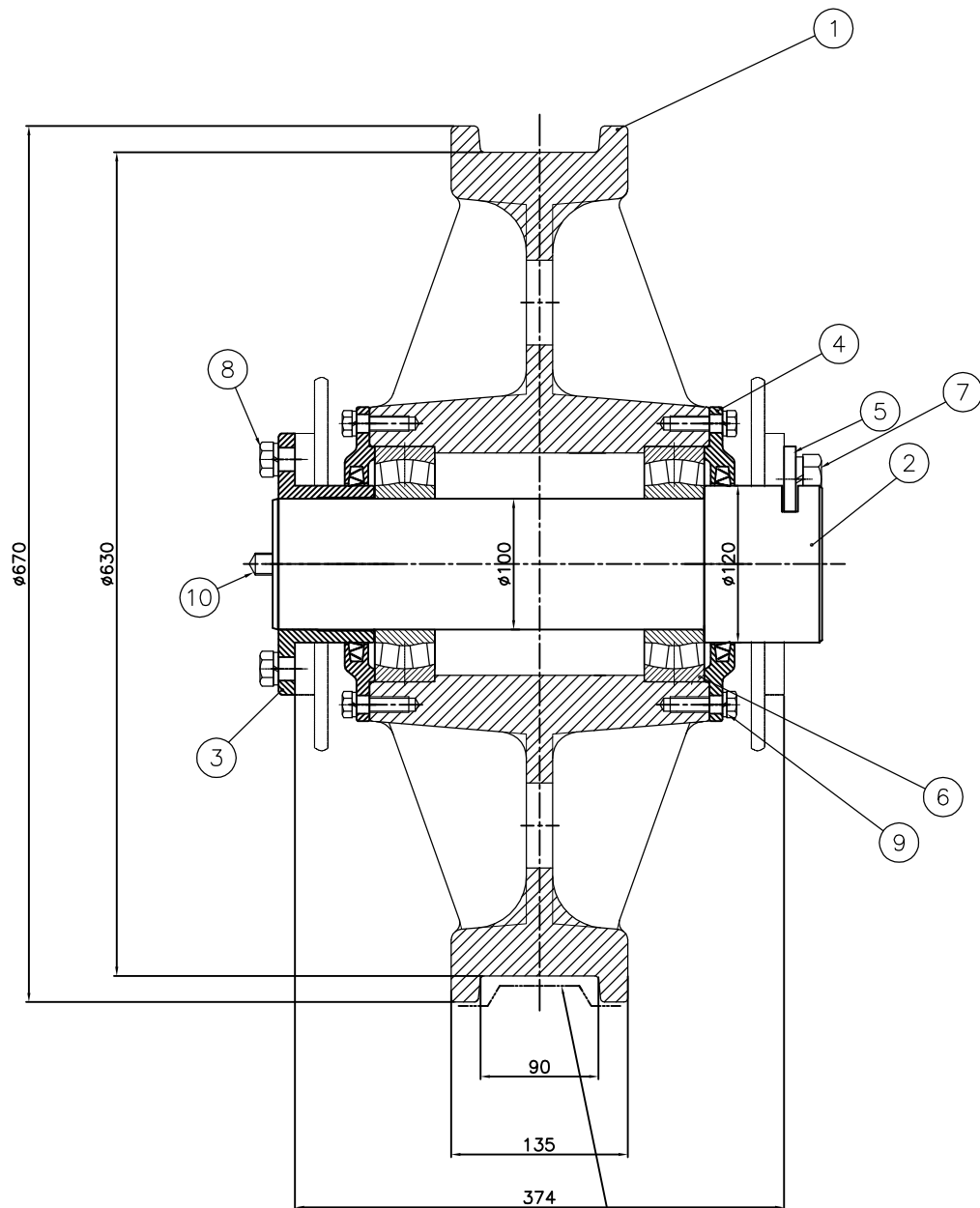



HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

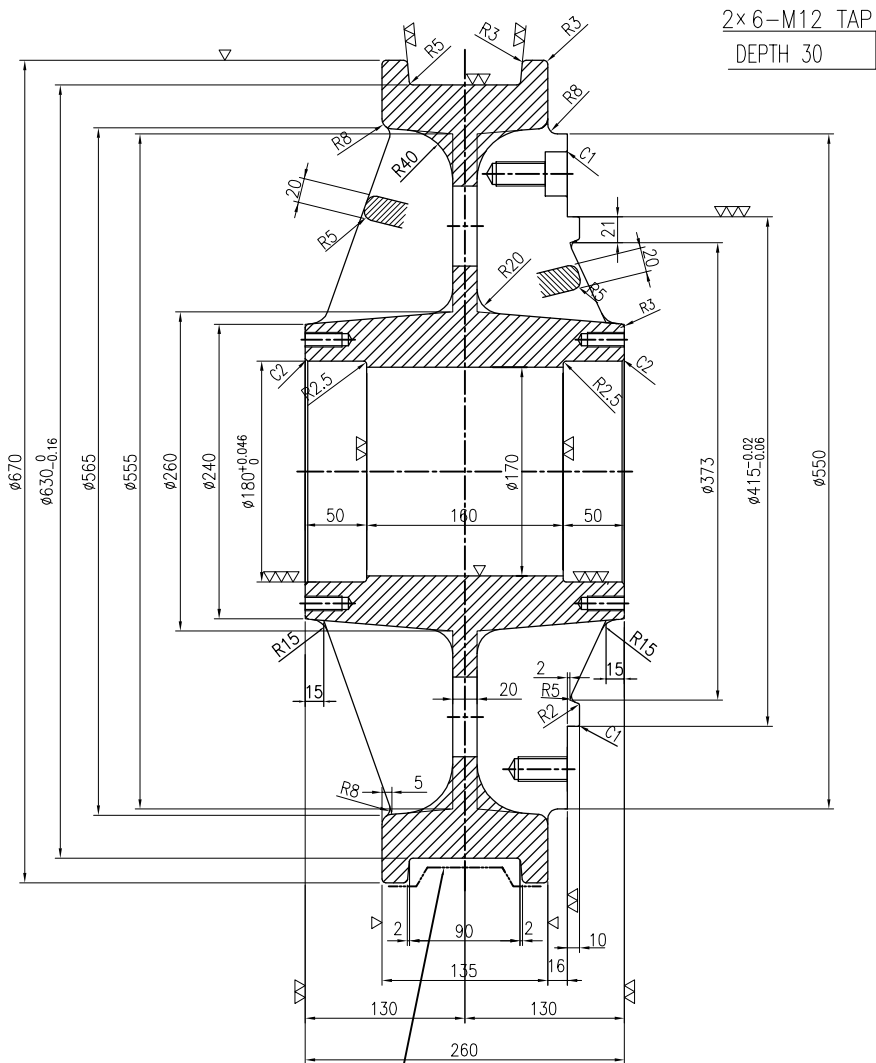
14	BUSH	S45CN		6			GFK-19-500-BU
13	BOLT.SW	8T		6			M20X80
12	BOLT.SW	8T		6			M20X60
11	GREASE NIPPLE	PUR-CHASE		2			PT 3/8"
10	BOLT.SW	4T		24			M12x30
9	BOLT.SW	4T		8			M16X30
8	BOLT.SW	4T		4			M16X25
7	BEARING	PUR-CHASE		4			#22220
6	KEY PLATE	SS400		2			GFK-19-K
5	BEARING COVER	FC20		4			GFK-19-630-BC
4	COLLAR	FCD40		2			GFK-19-630-C
3	SHAFT	S45CN		2			GFK-19-630-S
2	WHEEL GEAR	SC49		2			GFK-19-630-WG
1	DRIVING WHEEL	SCMn2A		2			GFK-19-630-DW
1	ASS'Y OF DRIVING WHEEL			1			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY	WEIGHT KG			
PROJECT	GIPFEL KOREA STANDARD		DATE				
			2024.01				
		SCALE					
TITLE	GFK-630Ø					N/S	
	DRIVING WHEEL ASS'Y						
DRAWN		DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H				KIM. M. C			
			SHEET NO.	SHEET NO.			
				GFK-19-630-DWA			



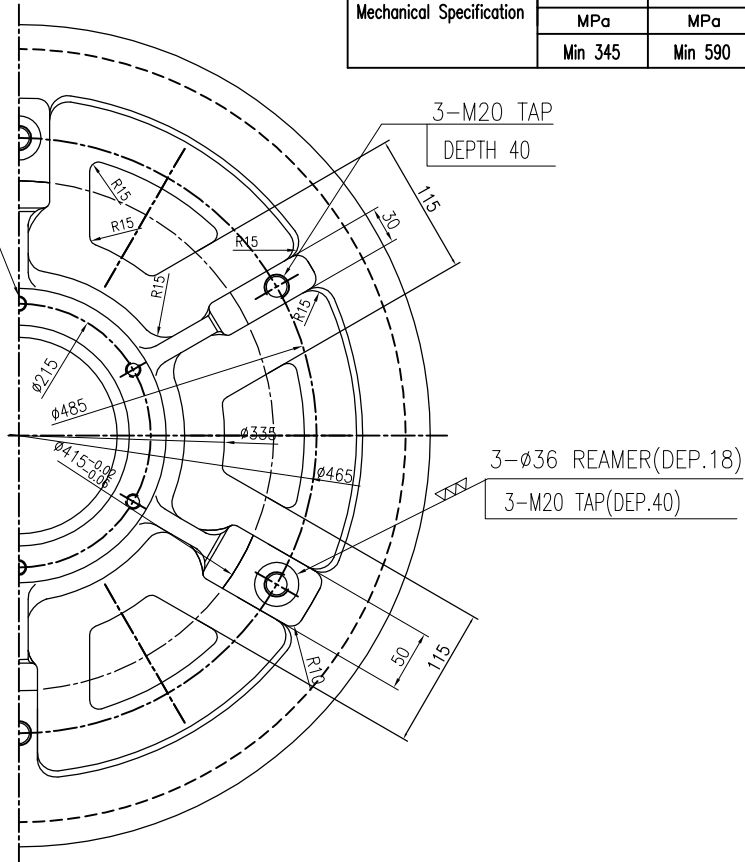
10	GREASE NIPPLE	PUR-CHASE		2			PT 3/8
9	BOLT.SW	4T		24			M12x30
8	BOLT.SW	4T		8			M16X30
7	BOLT.SW	4T		4			M16X25
6	BEARING	PUR-CHASE		4			#22220
5	KEY PLATE	SS400		2			GFK-19-K
4	BEARING COVER	FC20		4			GFK-19-630-BC
3	COLLAR	FCD40		2			GFK-19-630-C
2	SHAFT	S45CN		2			GFK-19-630-S
1	FOLLOWING WHEEL	SCMn2A		2			GFK-19-630-FW
1	ASS'Y OF FOLLOWING WHEEL			1			

NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY		WEIGHT KG		
PROJECT	GIPFEL KOREA STANDARD					DATE	
TITLE	GFK-630ø FOLLOWING WHEEL ASS'Y					2024.01 SCALE N/S	
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H			KIM. M. C				
		SHEET NO.	SHEET NO.				
			GFK-19-630-FWA				

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

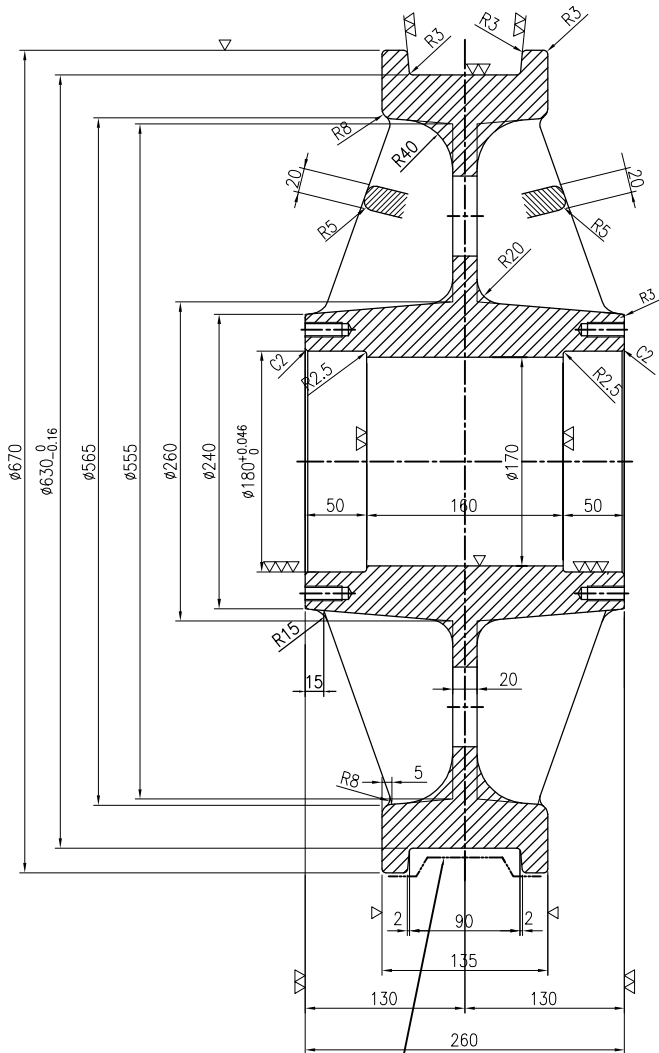


MATERIAL SPECIFICATION

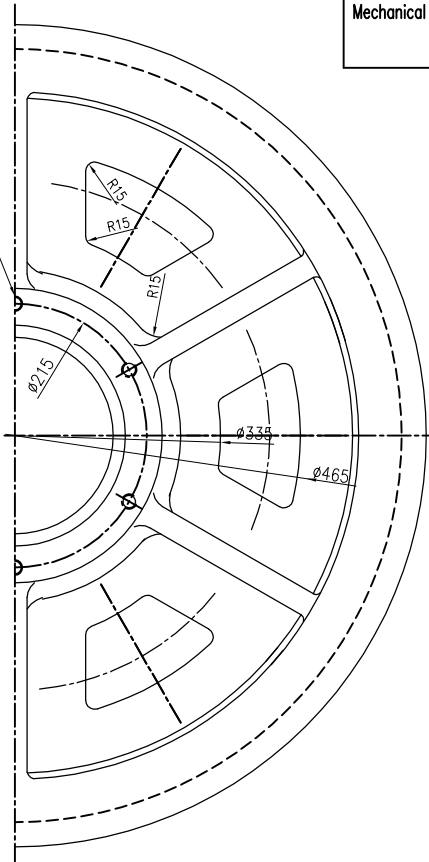
Material	JIS G 5111 SCMn2A				
	C	Si	Mn	P	S
Material Composition	0.25~0.35	0.30~0.60	1.00~1.60	0.040 ↓	0.040 ↓
	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163

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-630ø DRIVING WHEEL						SCALE
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H			KIM. M. C				
			SHEET NO.	SHEET NO. GFK-19-630-DW			

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2x6-M12 TAP
DEPTH 30

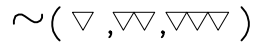


MATERIAL SPECIFICATION

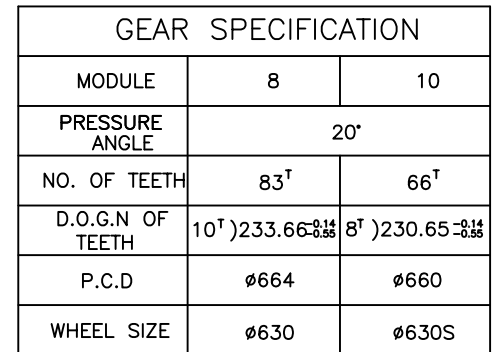
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040 ↓	0.040 ↓
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163

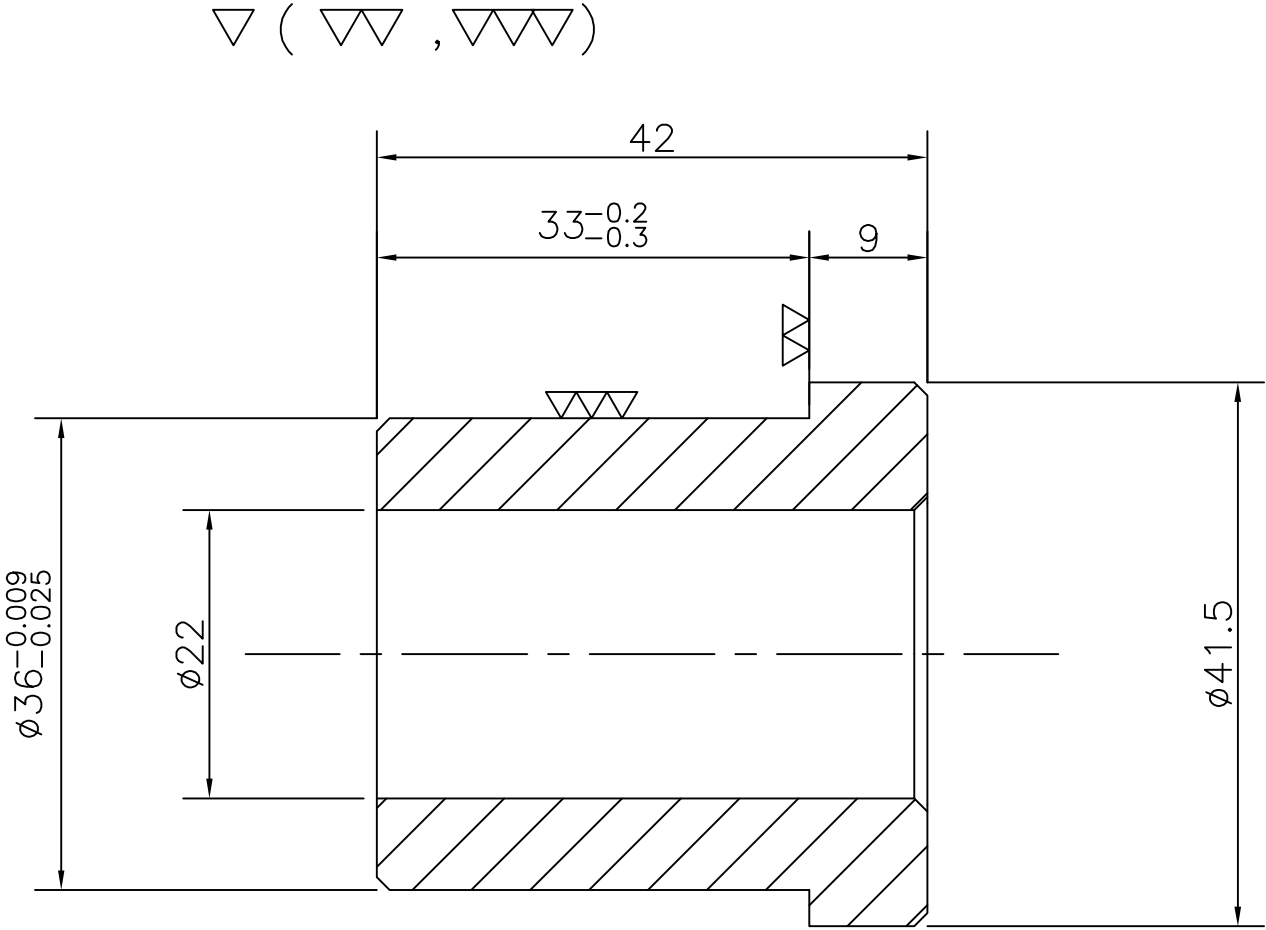
HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55


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-630ø FOLLOWING WHEEL						SCALE
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H			KIM. M. C				
			SHEET NO.	SHEET NO. GFK-19-630-FW			

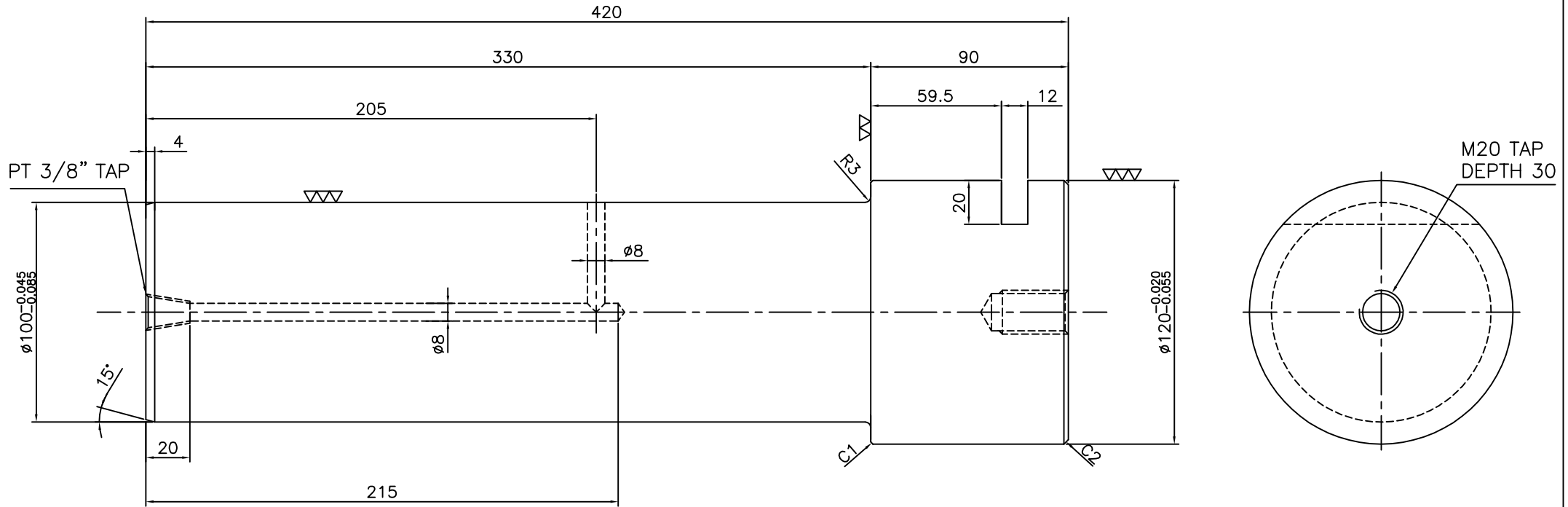
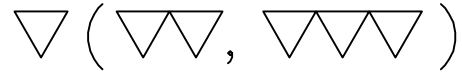



MATERIAL SPECIFICATION				
Material	JIS G 5101 SC49(SC480)			
Material Composition	C	P	S	
	0.4 ↓	0.040 ↓	0.040 ↓	
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)
	MPa	MPa	%	%
	Min 245	Min 480	Min 17	Min 25

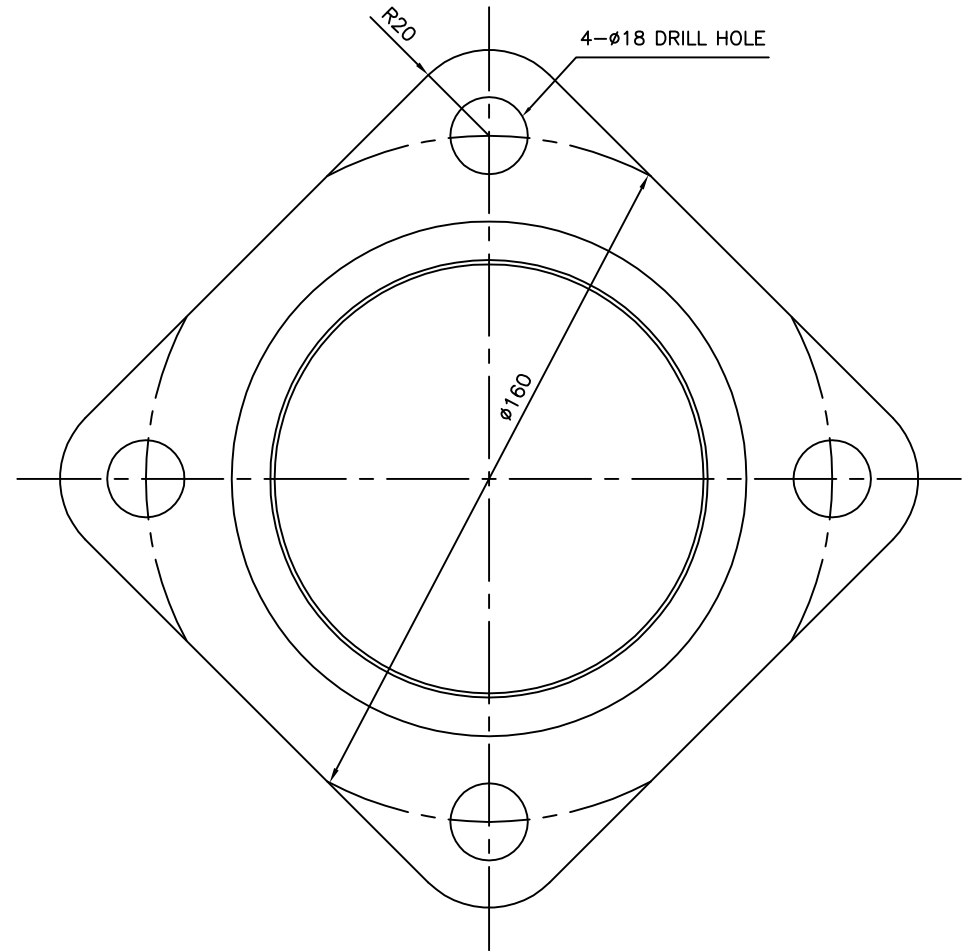
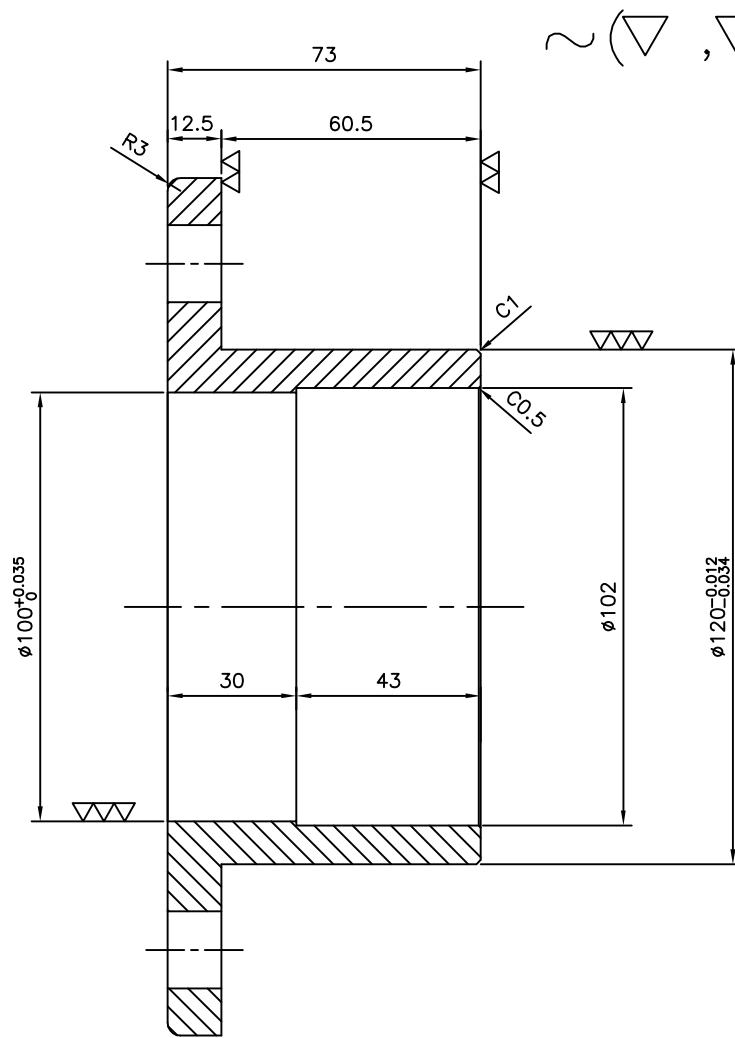





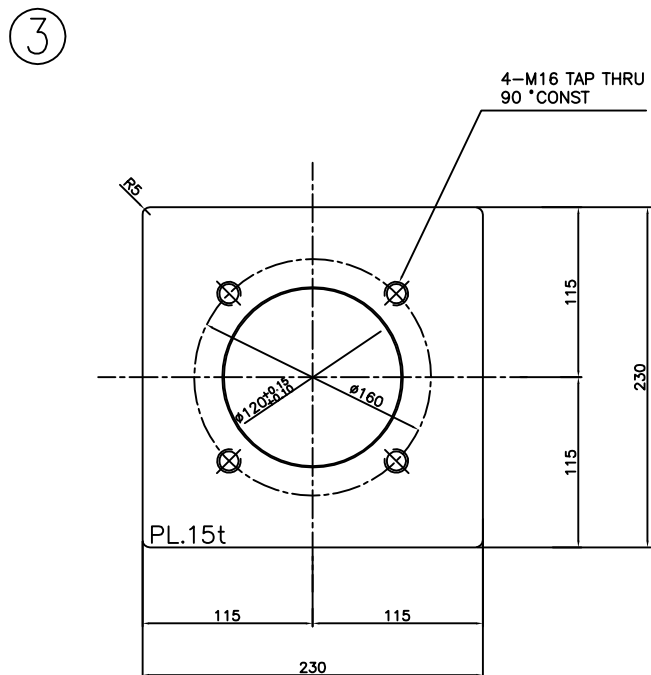
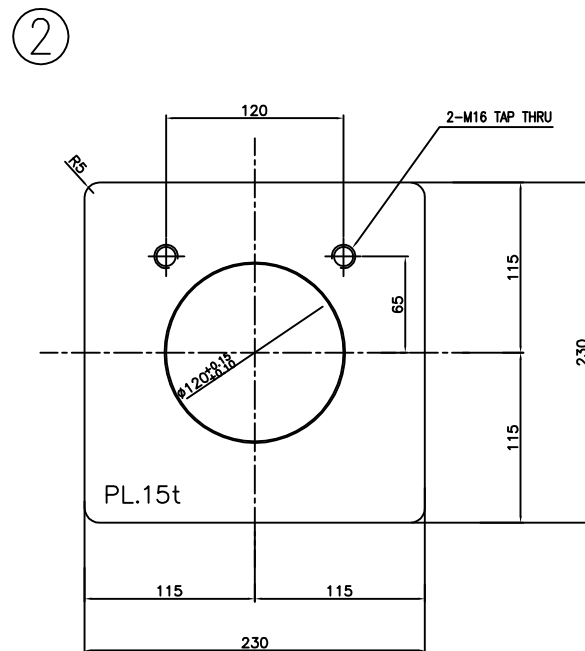
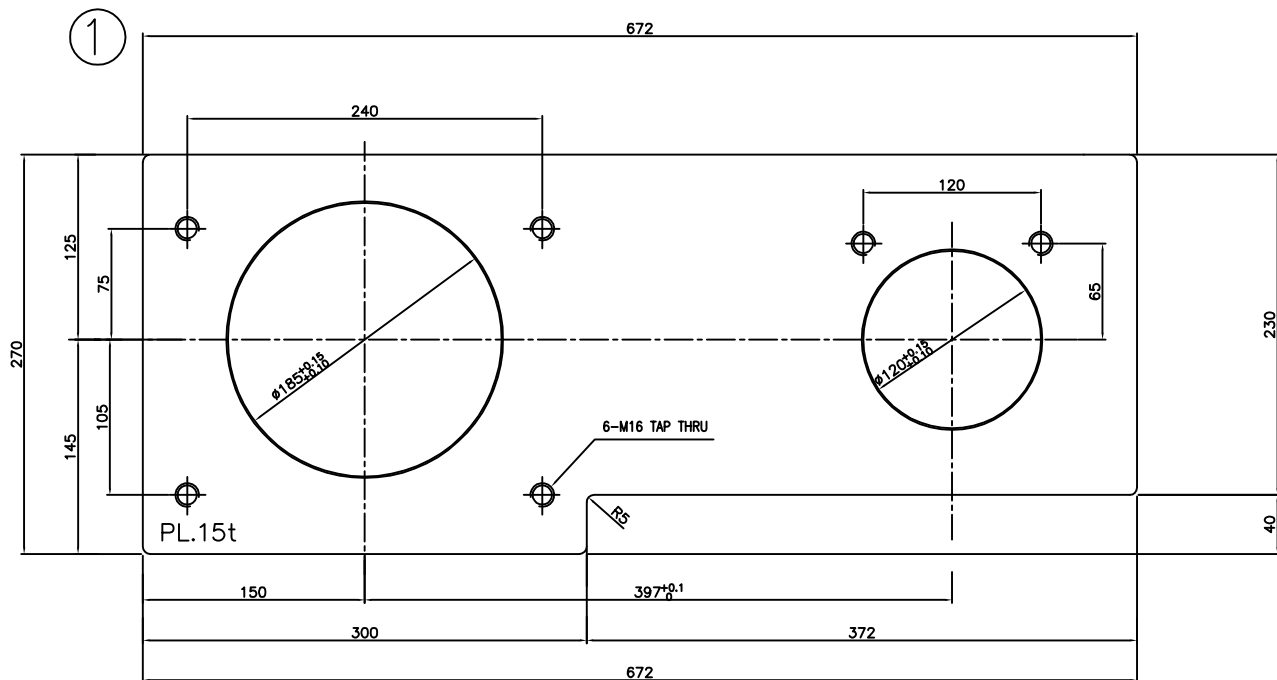
1	BUSH	S45C	1	6			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY		WEIGHT KG		DATE
PROJECT	GIPFEL KOREA STANDARD						2024.01
TITLE	GFK-500φ BUSH						SCALE 1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
			SHEET NO.	SHEET NO.			
				GFK-19-500-BU			



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-630ø SHAFT										SCALE			
												1:1			
DRAWN		DESIGNED		CHECKED		APPROVED		REF DRAWING.							
KIM. J. H						KIM. M. C									
				SHEET NO.		SHEET NO. GFK-19-630-S									




	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-630ø						SCALE	
	COLLAR						1:1	
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.			
KIM. J. H			KIM. M. C					
			SHEET NO.	SHEET NO.				
				GFK-19-630-C				

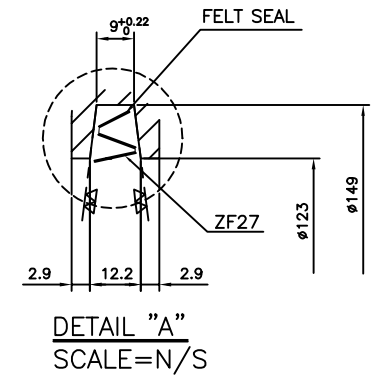
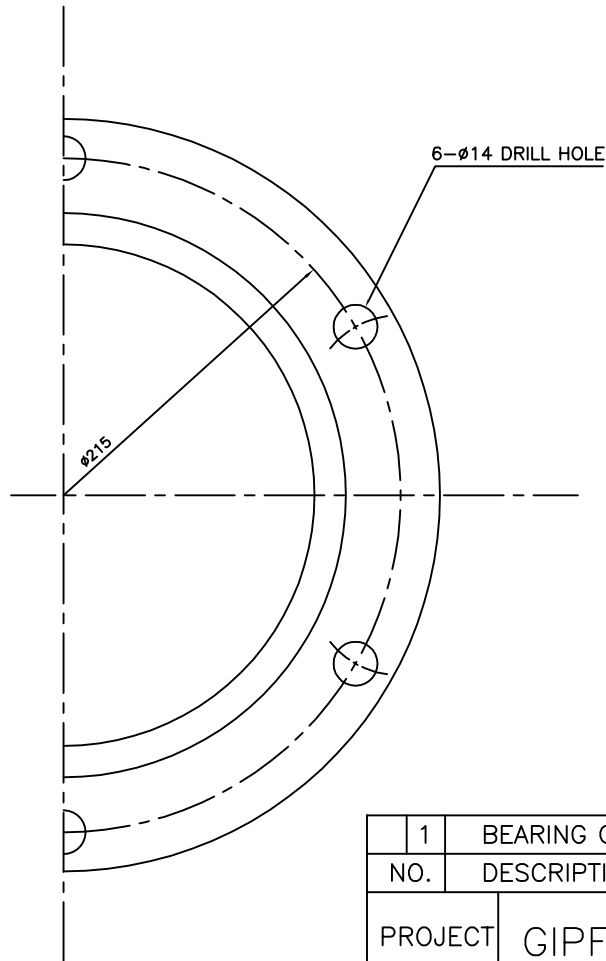
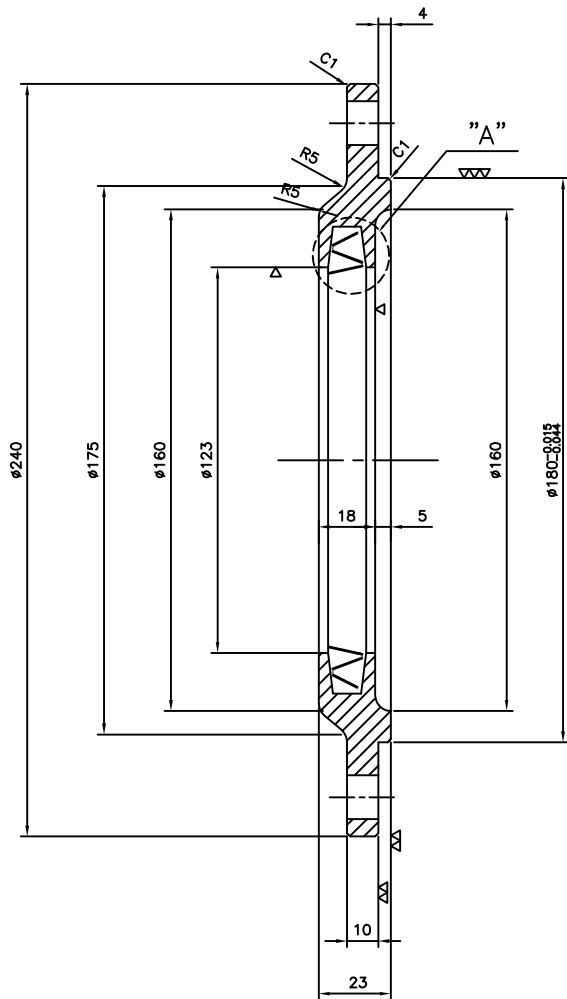



NOTE

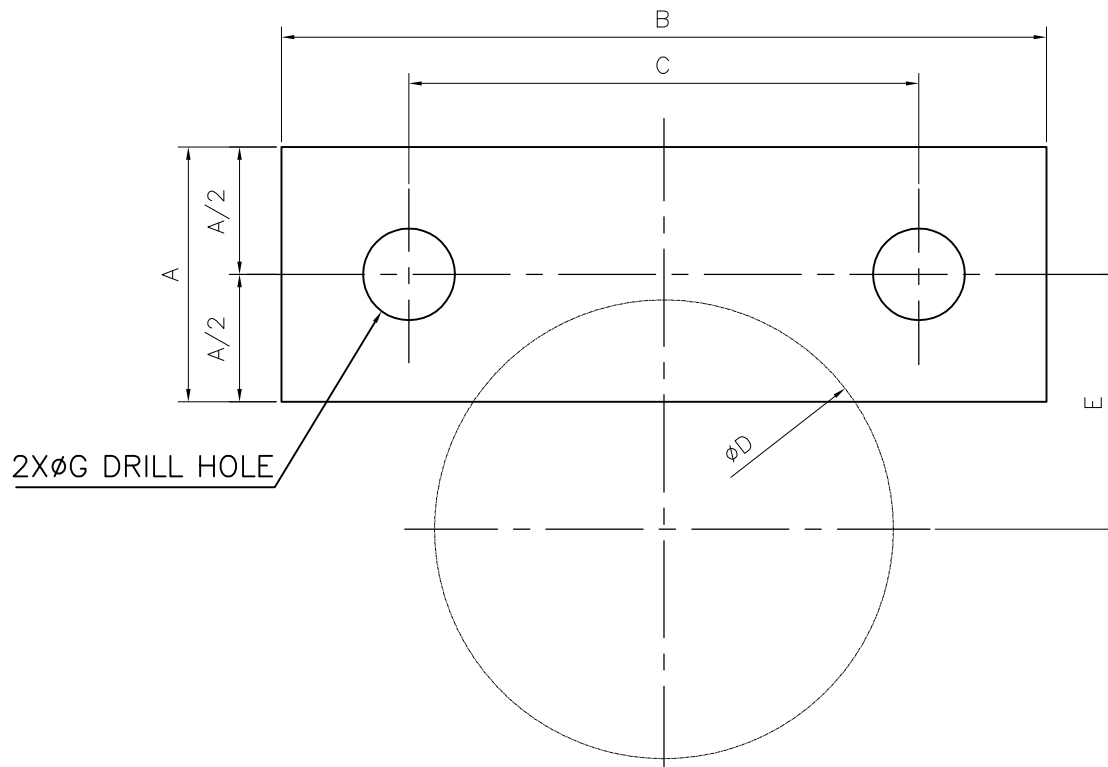
BREAK ALL SHARP EDGES OF HOLE C1

1	3	COLLAR PLATE	SS400		4			15t
	2	SHAFT PLATE	SS400		2			15t
	1	MOTOR PLATE	SS400		2			15t
1		PLATE		1				
NO.	DESCRIPTIONS		MT'L	SET	EA	UNIT	TOTAL	REMARKS
				QTY		WEIGHT KG		
PROJECT		GIPFEL KOREA STANDARD						DATE
								2024.01
TITLE		GFK-630φ						SCALE
		PLATE						1:1
DRAWN		DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H				KIM. M. C				
			SHEET NO.		SHEET NO.			
					GFK-19-630-P			

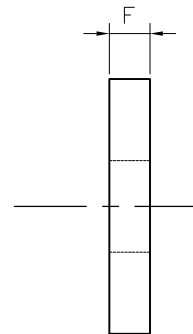
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1	BEARING COVER	FC20	1	8			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY	WEIGHT KG			
PROJECT	GIPFEL KOREA STANDARD						DATE
							2024.01
TITLE	GFK-630ø BEARING COVER						SCALE
							1:1
DRAWN	DESIGNED	CHECKED	APPROVED		REF DRAWING.		
KIM. J. H			KIM. M. C				
			SHEET NO.	SHEET NO. GFK-19-630-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				