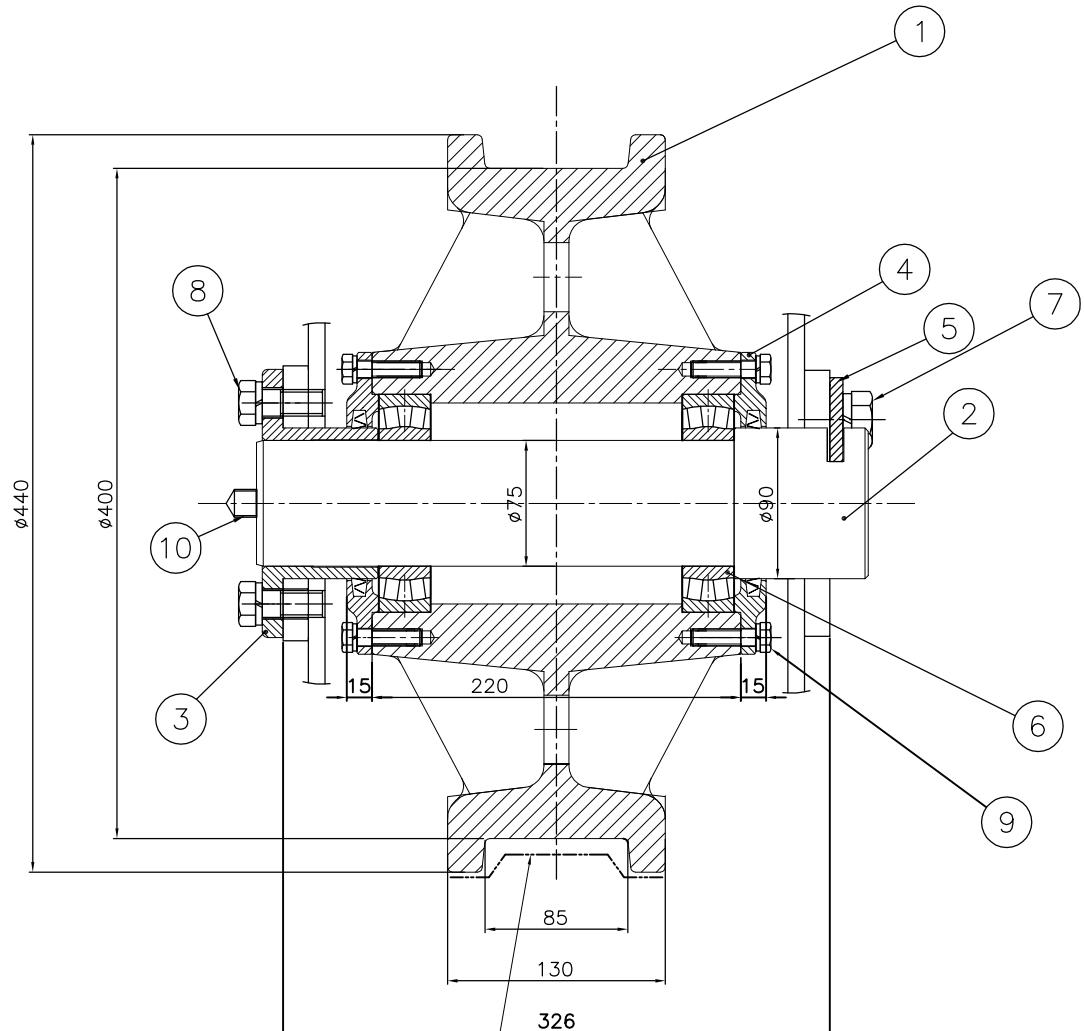


HIGH FREQUENCY HEAT TREATMENT
(高周波熱処理)

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

14	BUSH	S45CN	6		GFK-19-400-BU
13	BOLT.SW	8T	6		M16X75
12	BOLT.SW	8T	6		M16X50
11	GREASE NIPPLE	PUR-CHASE	2		PT 3/8"
10	BOLT.SW	4T	24		M10x30
9	BOLT.SW	4T	8		M16X30
8	BOLT.SW	4T	4		M16X25
7	BEARING	PUR-CHASE	4		#22215
6	KEY PLATE	SS400	2		GFK-19-K
5	BEARING COVER	FC20	4		GFK-19-400-BC
4	COLLAR	FCD40	2		GFK-19-400-C
3	SHAFT	S45CN	2		GFK-19-400-S
2	WHEEL GEAR	SC49	2		GFK-19-400-WG
1	DRIVING WHEEL	SCMn2A	2		GFK-19-400-DW
1	ASS'Y OF DRIVING WHEEL		1		
NO.	DESCRIPTIONS	MT'L	SET Q'TY	EA UNIT WEIGHT KG	TOTAL
PROJECT	GIPFEL KOREA STANDARD				REMARKS
					DATE
					2024.01
TITLE	GFK-400Ø				SCALE
	DRIVING WHEEL ASS'Y				N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.	
KIM. J. H			KIM. M. C		
		SHEET NO.	SHEET NO.		
				GFK-19-400-DWA	

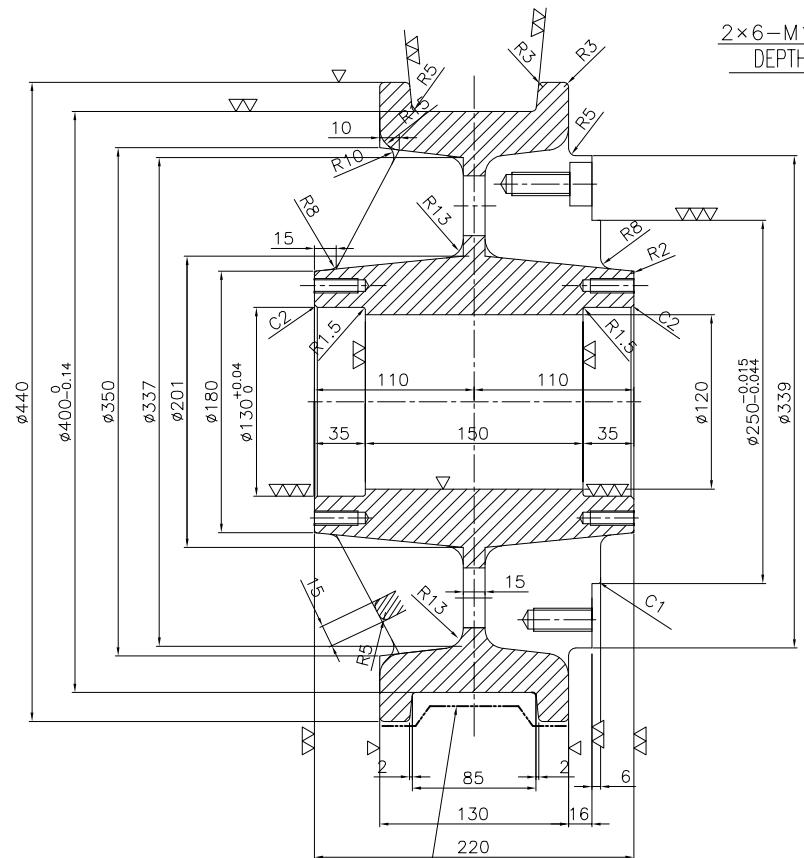


HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)

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

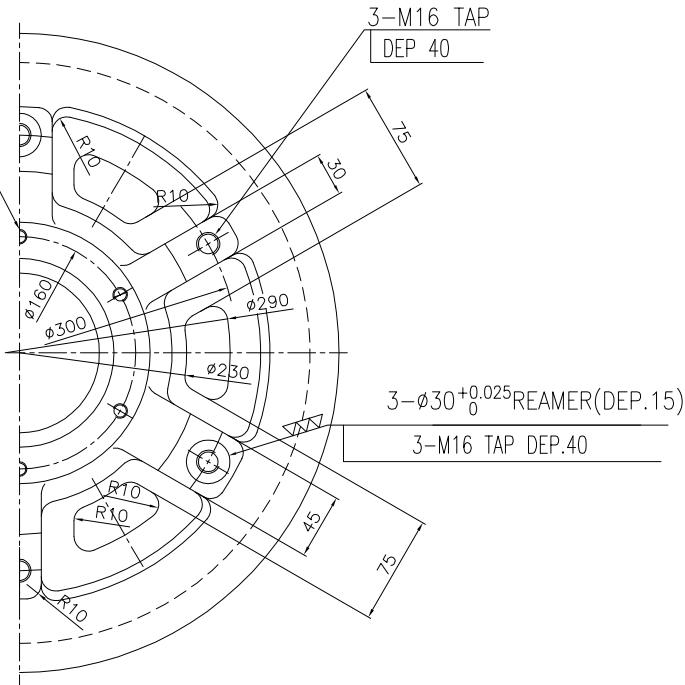
10	GREASE NIPPLE	PUR-CHASE	2			PT 3/8"
9	BOLT.SW	4T	24			M10x30
8	BOLT.SW	4T	8			M16X30
7	BOLT.SW	4T	4			M16X25
6	BEARING	PUR-CHASE	4			#22215
5	KEY PLATE	SS400	2			GFK-19-K
4	BEARING COVER	FC20	4			GFK-19-400-BC
3	COLLAR	FCD40	2			GFK-19-400-C
2	SHAFT	S45CN	2			GFK-19-400-S
1	FOLLOWING WHEEL	SCMn2A	2			GFK-19-400-FW
1	ASS'Y OF FOLLOWING WHEEL		1			
NO.	DESCRIPTIONS	MT'L	SET Q'TY	EA UNIT WEIGHT KG	UNIT TOTAL	REMARKS
PROJECT	GIPFEL KOREA STANDARD					DATE 2024.01
TITLE	GFK-400Ø FOLLOWING WHEEL ASS'Y					SCALE N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H			KIM. M. C			
		SHEET NO.	SHEET NO.			
						GFK-19-400-FWA

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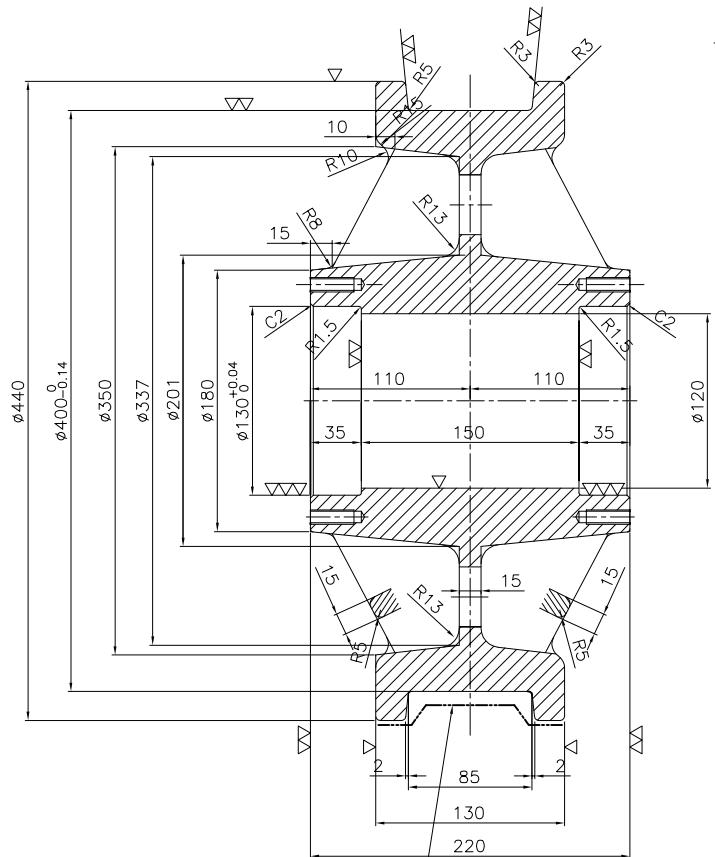
HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
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



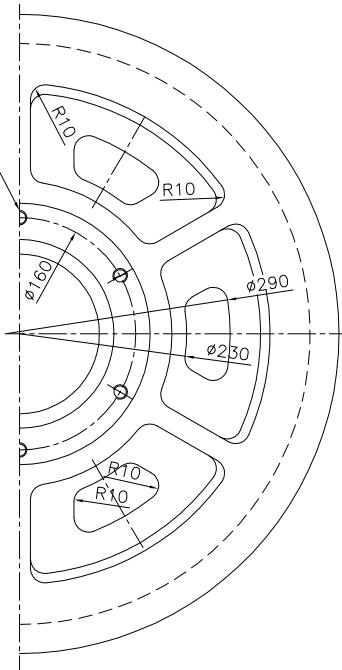
1	DRIVING WHEEL	SCMn2A	1	2			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY			WEIGHT KG	
PROJECT	GIPFEL KOREA STANDARD						DATE
TITLE	GFK-400Ø						SCALE
	DRIVING WHEEL						1:1
DRAWN		DESIGNED	CHECKED	APPROVED		REF DRAWING.	
KIM. J. H				KIM. M. C			
 GIPFEL			SHEET NO.	GFK-19-400-DW			

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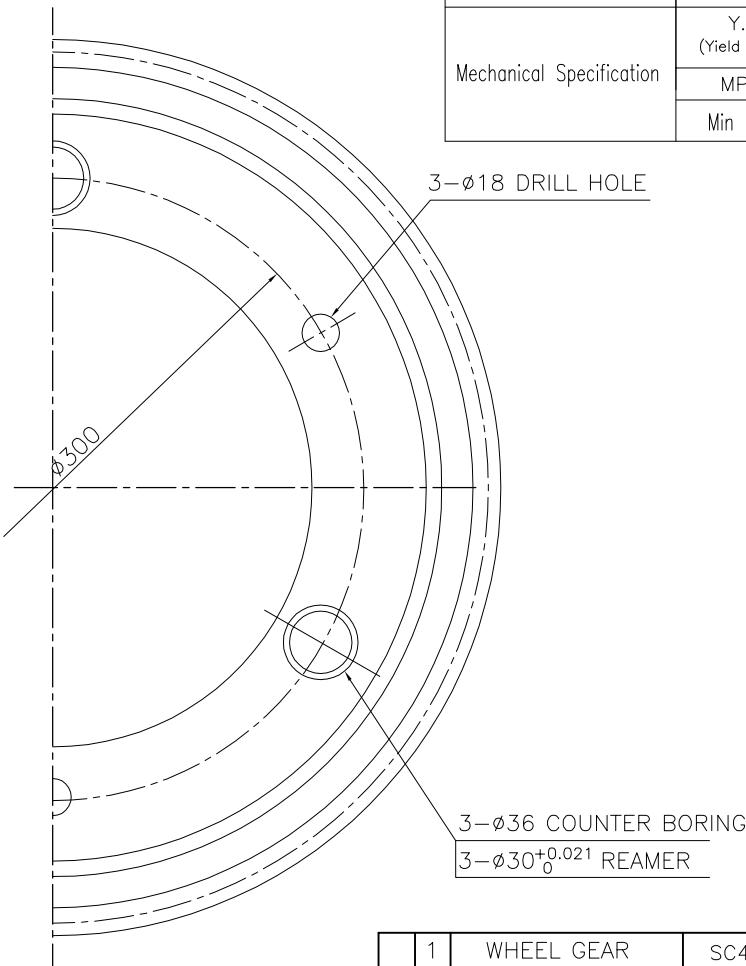
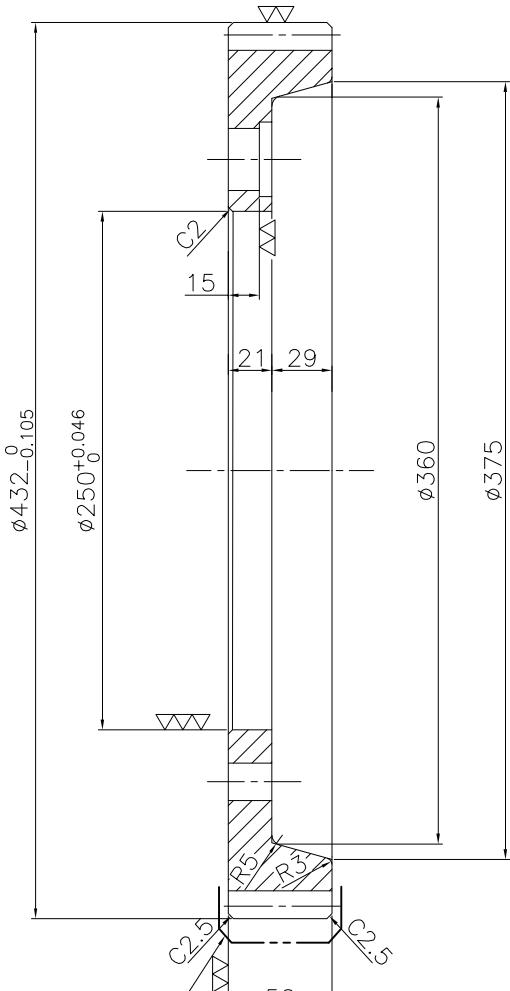
HIGH FREQUENCY HEAT TREATMENT
(高周波熱處理)
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

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 †
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	



NO.	DESCRIPTIONS	MT'L	1	2	TOTAL	REMARKS
			SET	EA		
PROJECT	GIPFEL KOREA STANDARD					DATE 2019.10
TITLE	GFK-400Ø FOLLOWING WHEEL					SCALE 1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H			KIM. M. C			
		SHEET NO.	SHEET NO.			
			GFK-19-400-FW			

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MATERIAL SPECIFICATION

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

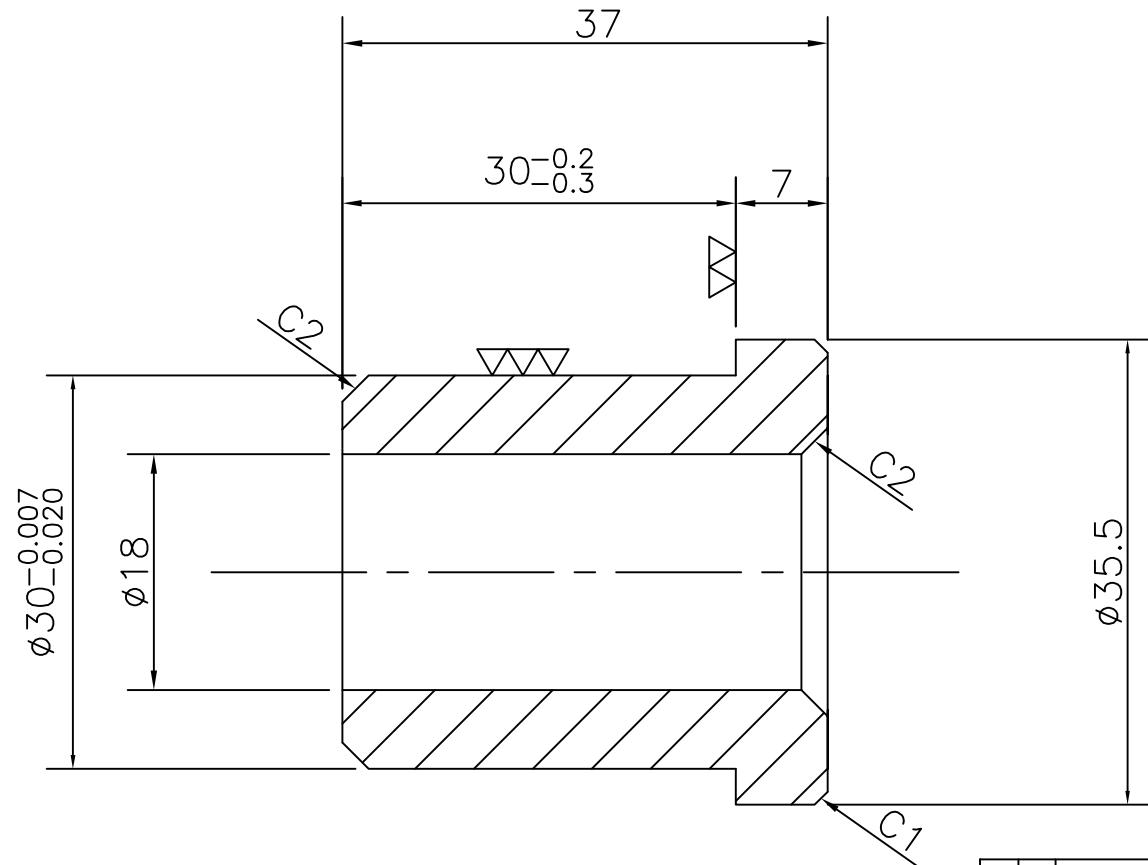
GEAR SPECIFICATION

MODULE	6
PRESSURE ANGLE	20°
NO.OF TEETH	70 ^T
D.O.G.N OF TEETH	8 ^T)138.72- _{0.49}
P.C.D	φ420
WHEEL SIZE	φ400

NO.	DESCRIPTIONS	MT'L	1	2	TOTAL	REMARKS
			SET	EA	UNIT	
PROJECT	GIPFEL KOREA STANDARD					DATE
						2024.01
TITLE	GFK-400φ					SCALE
	WHEEL GEAR					1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.		
KIM. J. H			KIM. M. C			
		SHEET NO.		SHEET NO.		
						GFK-19-400-WG

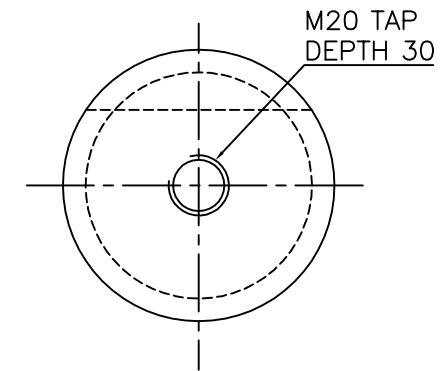
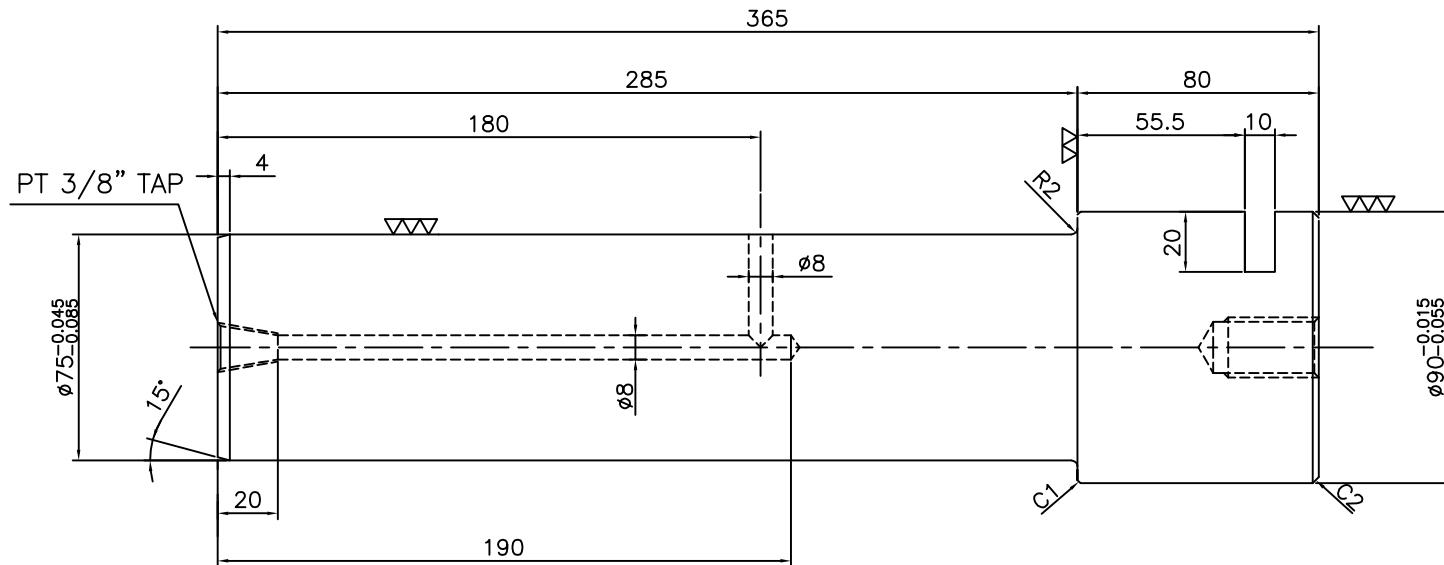


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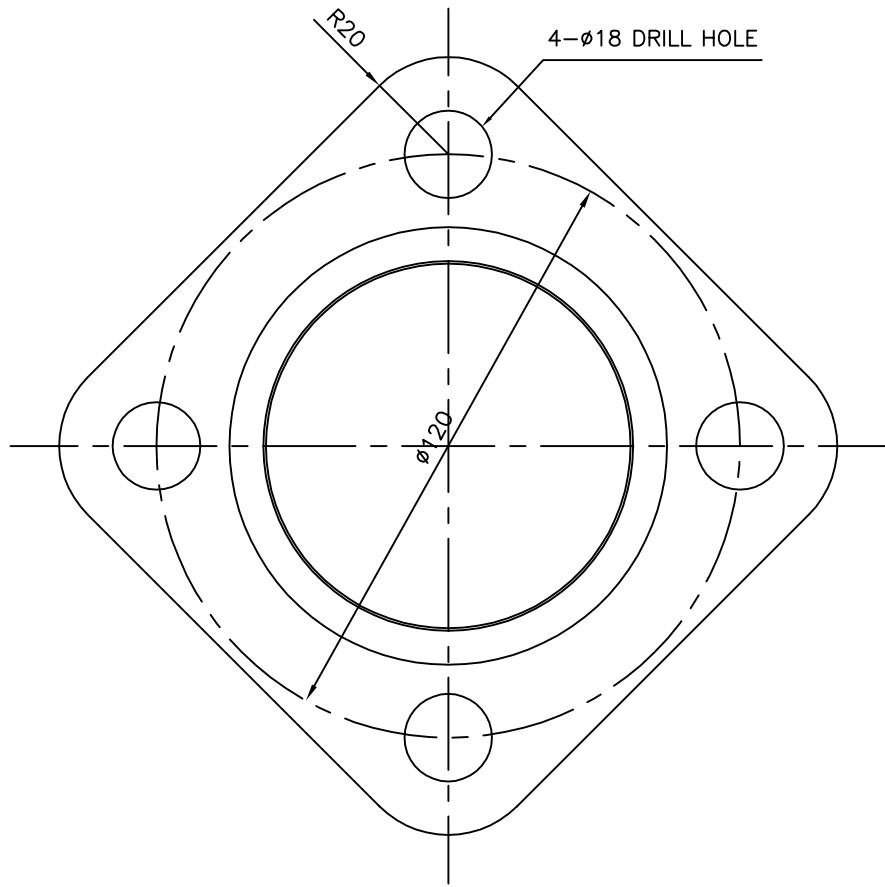
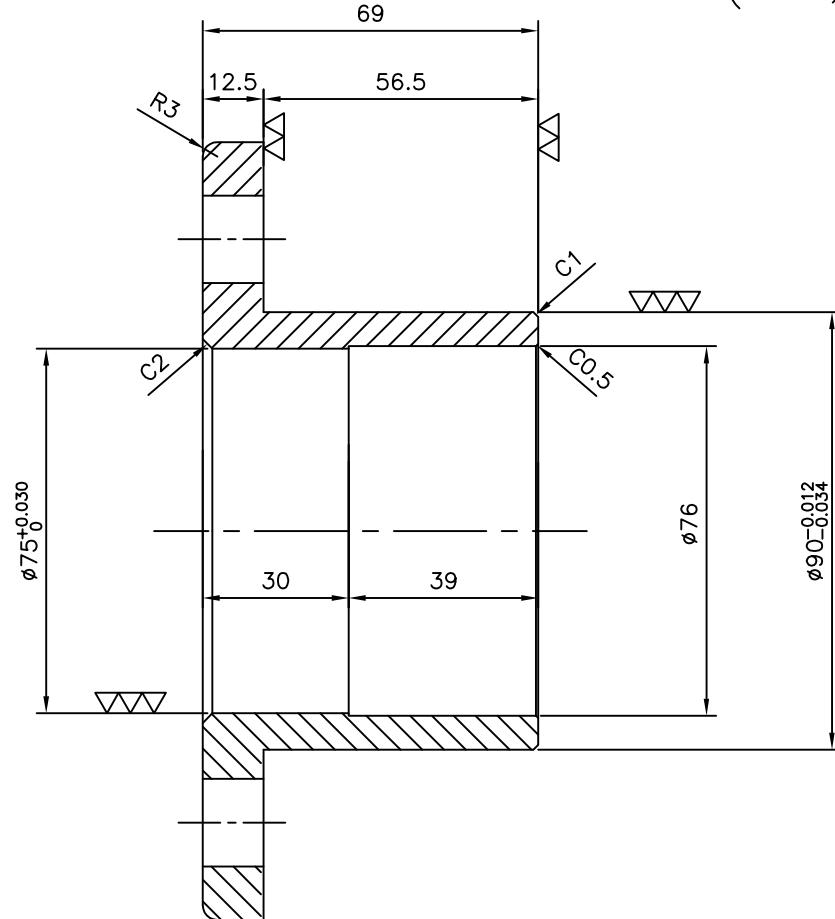
NO.	DESCRIPTIONS	MT'L	1	6	TOTAL WEIGHT KG	REMARKS		
			SET Q'TY	EA				
PROJECT	GIPFEL KOREA STANDARD					DATE 2024.01		
TITLE	GFK-400φ BUSH					SCALE 1:1		
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.				
KIM. J. H			KIM. M. C					
		SHEET NO.	SHEET NO. GFK-19-400-BU					

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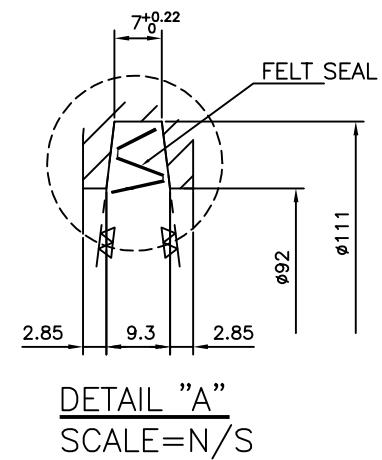
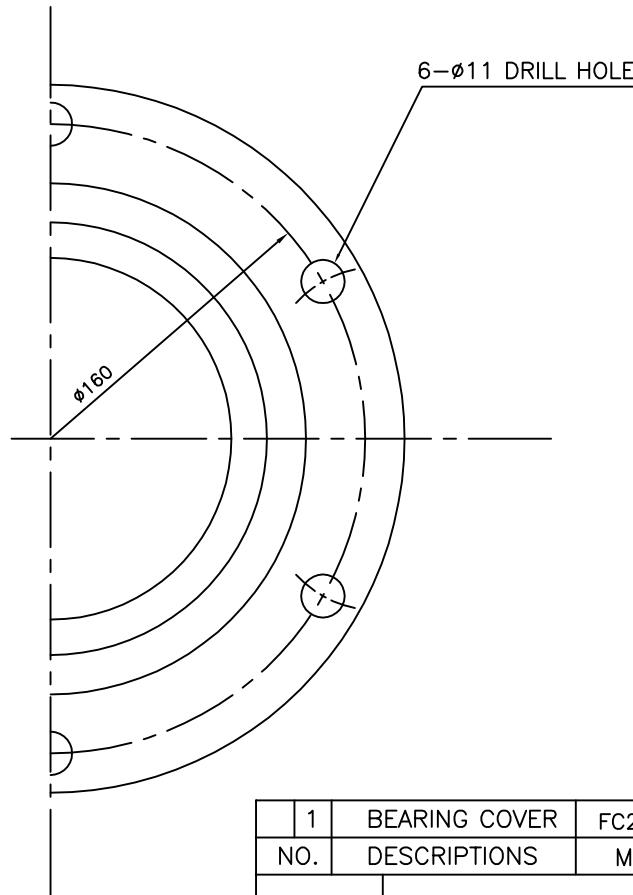
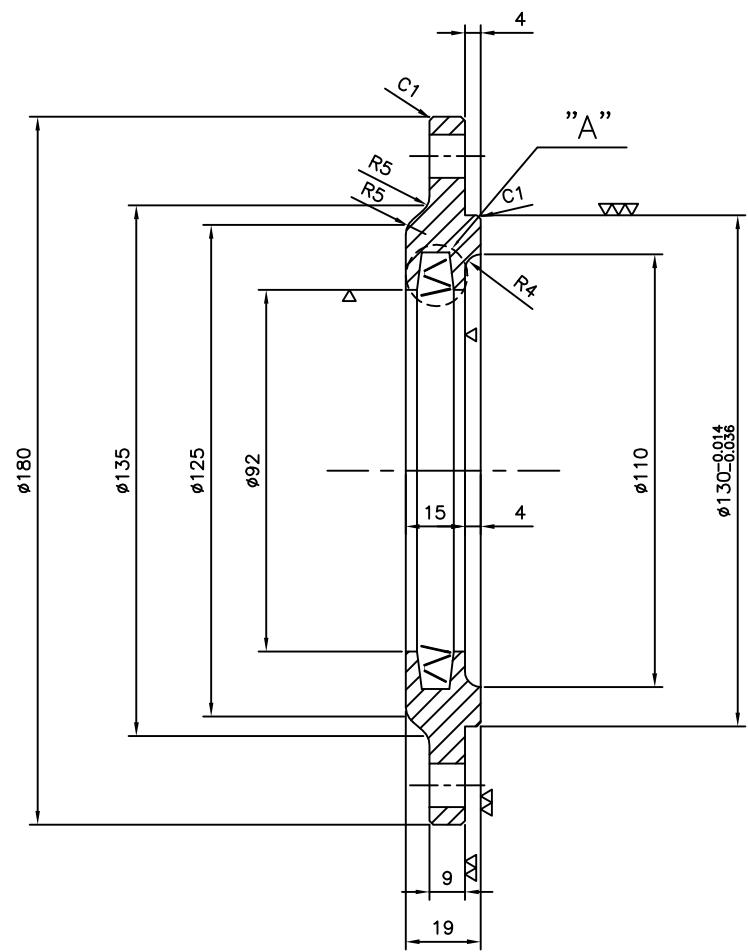
1	SHAFT	S45CN	1	4				
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS	
PROJECT		GIPFEL KOREA STANDARD						DATE
								2024.01
TITLE		GFK-400φ						SCALE
		SHAFT						1:1
DRAWN			DESIGNED		CHECKED		APPROVED	REF DRAWING.
KIM. J. H							KIM. M. C	
			SHEET NO.		SHEET NO.		GFK-19-400-S	

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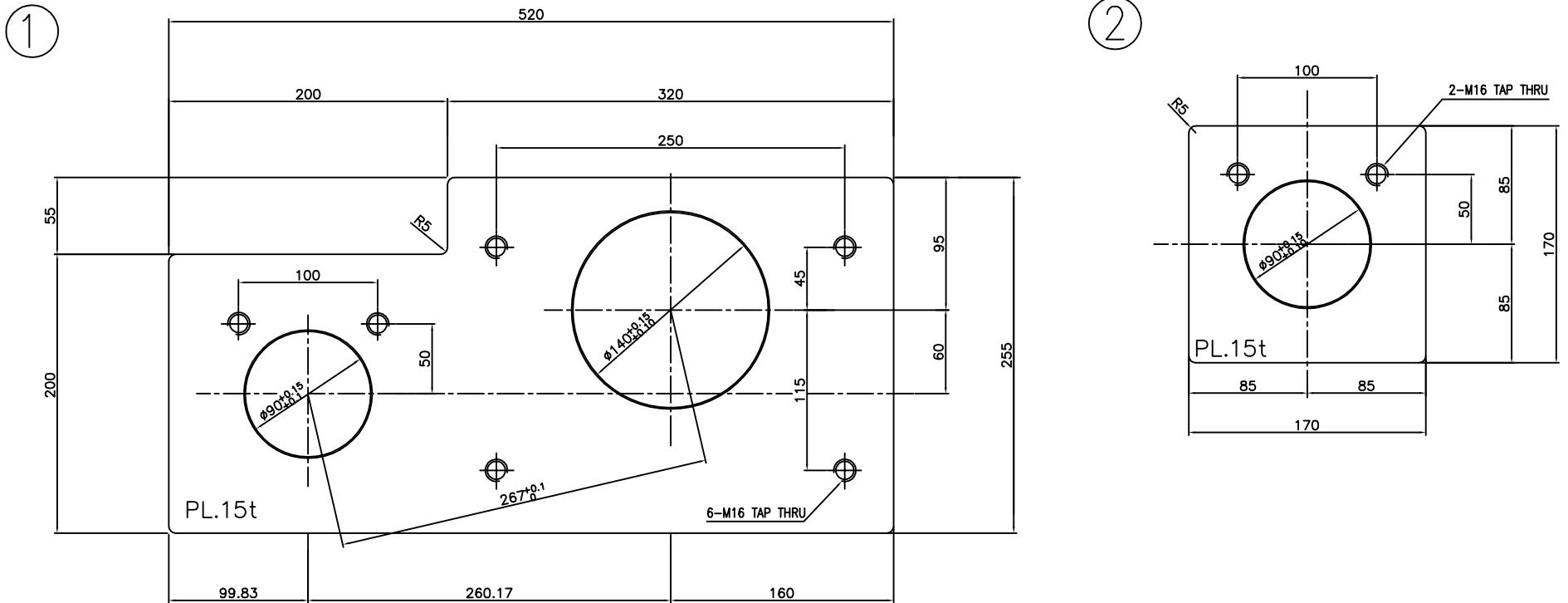


NO.	DESCRIPTIONS	MT'L	1	4	TOTAL	REMARKS		
			SET	EA				
PROJECT		GIPFEL KOREA STANDARD				DATE 2024.01		
TITLE		GFK-400φ COLLAR				SCALE 1:1		
DRAWN		DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H				KIM. M. C				
			SHEET NO.	SHEET NO. GFK-19-400-C				

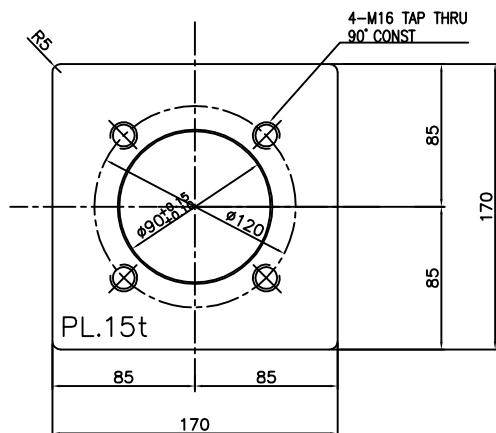
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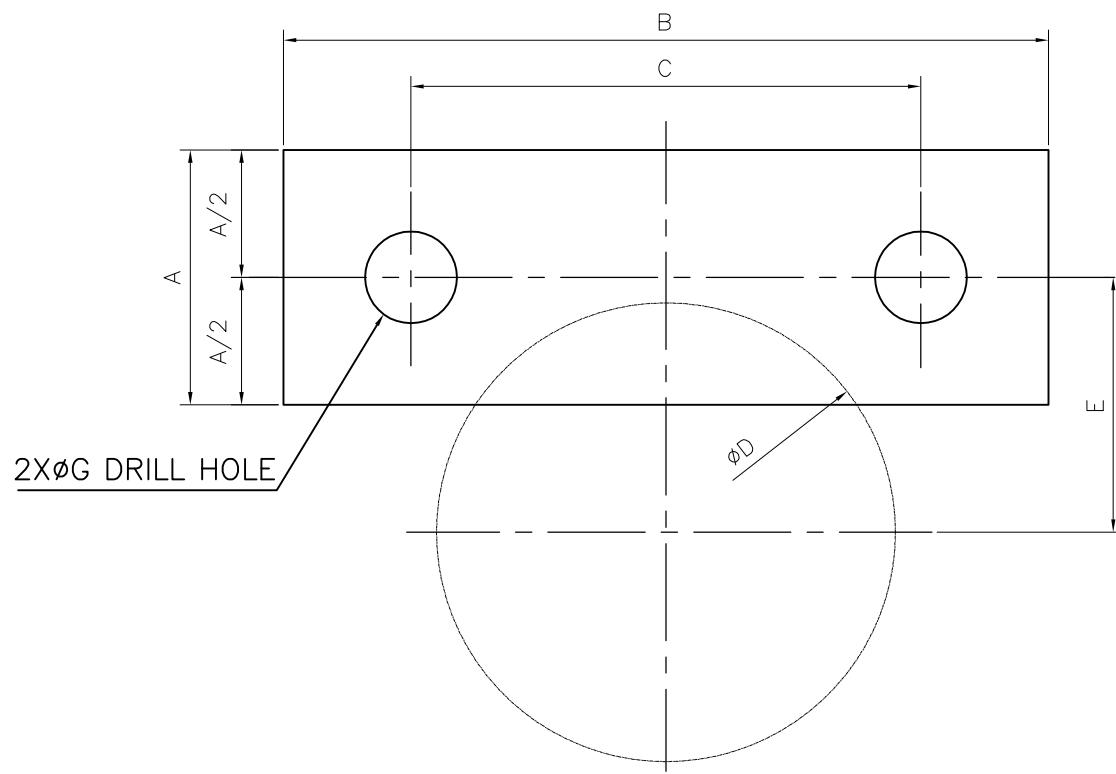
NO.	DESCRIPTIONS	MT'L	1	BEARING COVER	FC20	1	8	TOTAL WEIGHT KG	REMARKS		
			SET QTY	EA	UNIT						
PROJECT	GIPFEL KOREA STANDARD								DATE		
TITLE	GFK-400φ BEARING COVER								2024.01		
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.					SCALE		
KIM. J. H			KIM. M. C						1:1		
		SHEET NO.	SHEET NO.		GFK-19-400-BC						



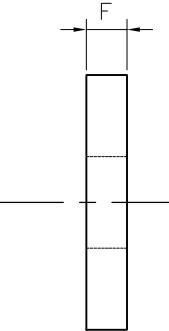
NOTE
BREAK ALL SHARP EDGES OF HOLE C1



NO.	DESCRIPTIONS	MT'L	3	COLLAR PLATE	SS400	4			15t			
			SET	EA	UNIT	TOTAL	REMARKS					
1	PLATE		1									
PROJECT			GIPFEL KOREA STANDARD						DATE			
									2024.01			
TITLE			GFK-400Ø						SCALE			
			PLATE						1:1			
DRAWN			DESIGNED		CHECKED	APPROVED	REF DRAWING.					
KIM. J. H						KIM. M. C						
			SHEET NO.	SHEET NO.								
				GFK-19-400-P								



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 QTY	EA	UNIT	TOTAL	REMARKS	
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	