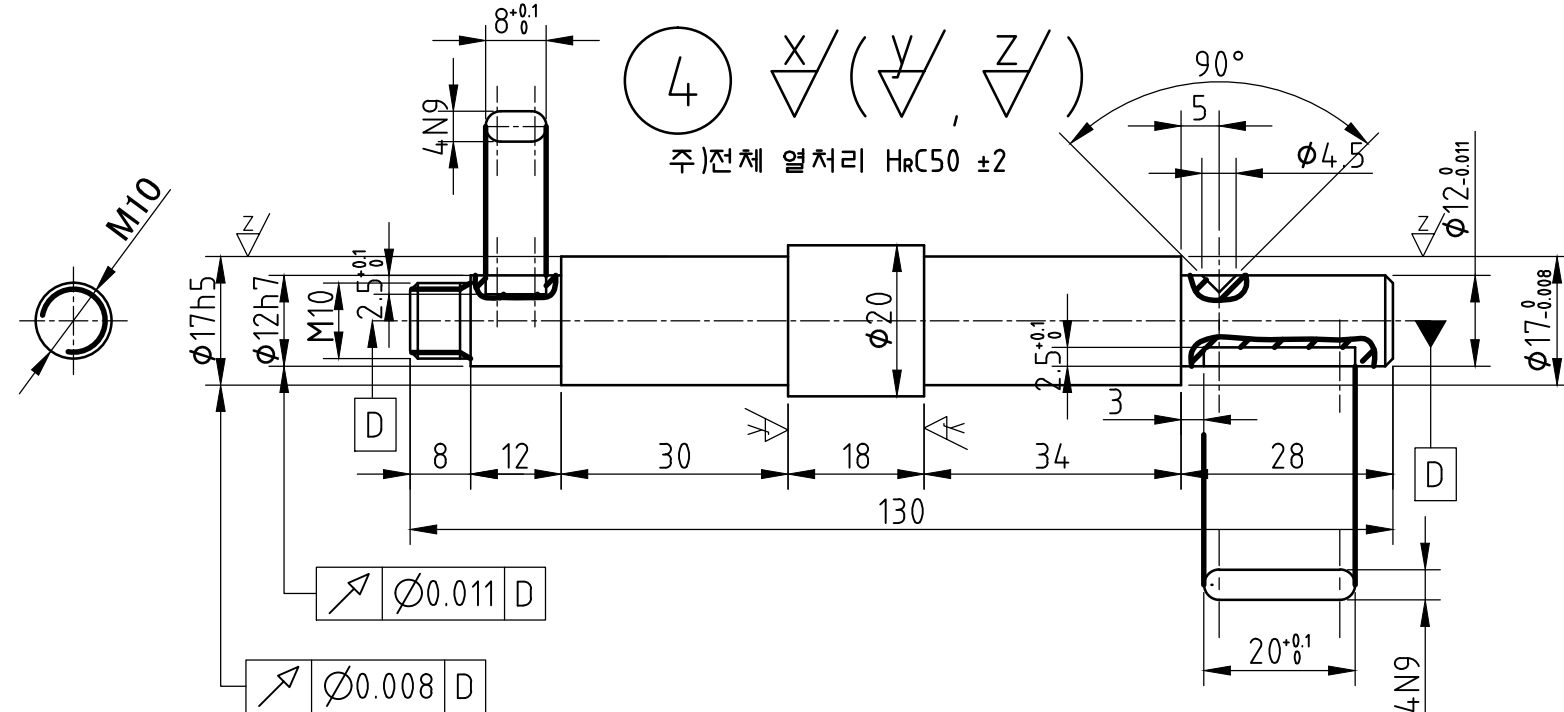
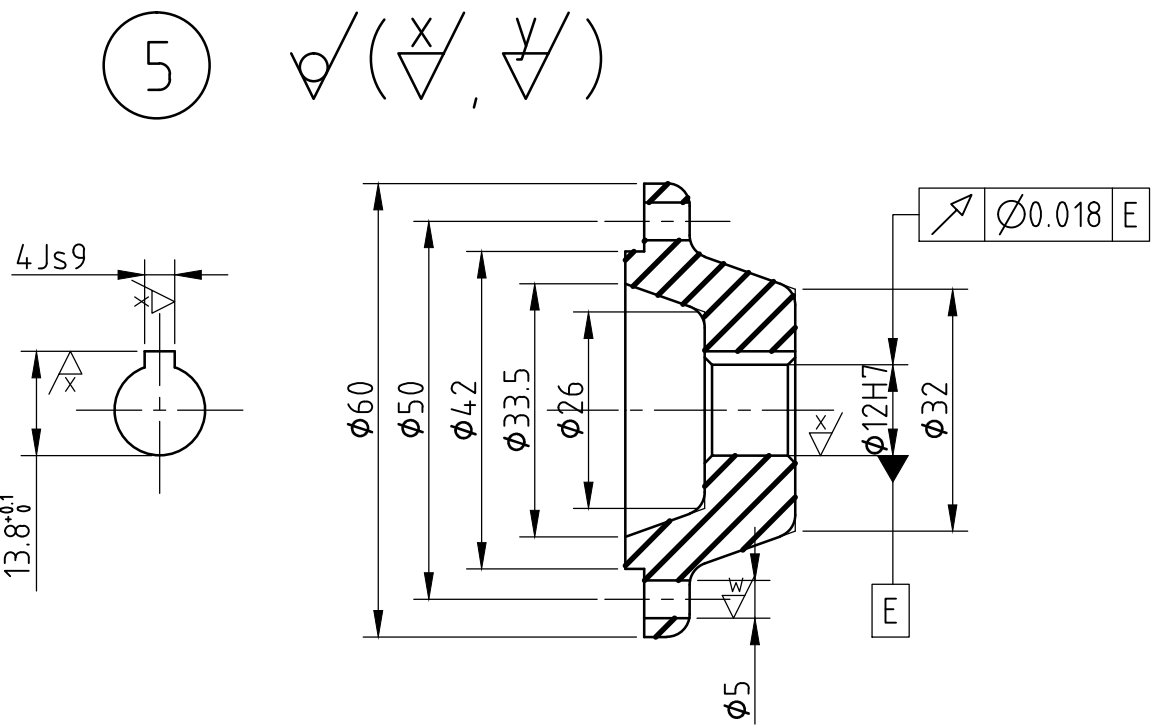
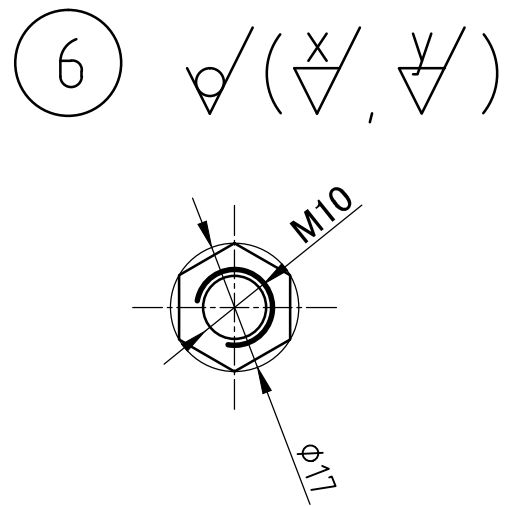
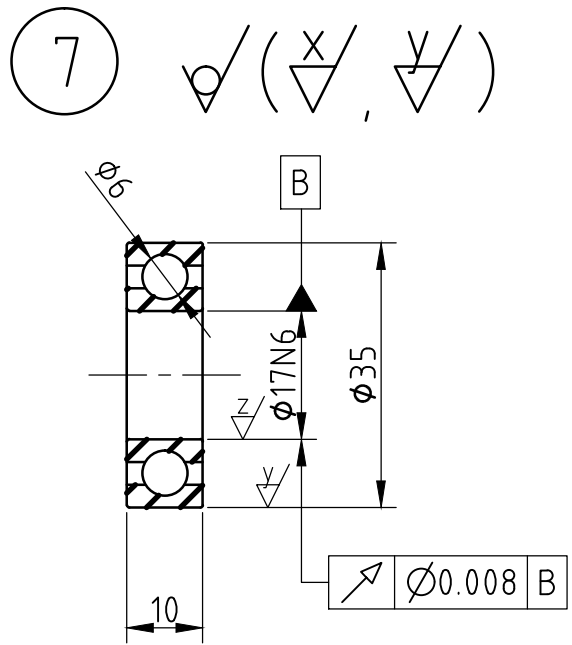
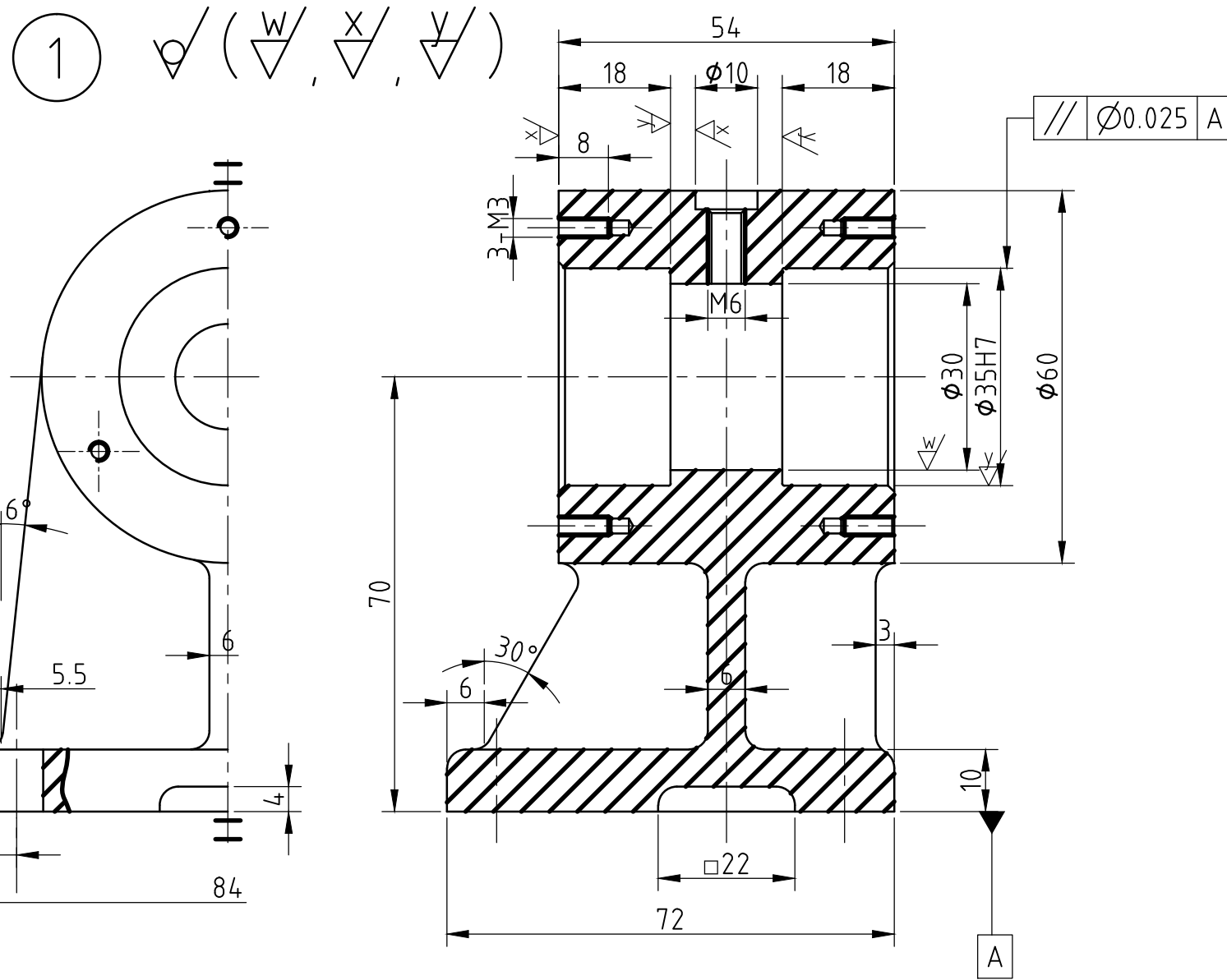
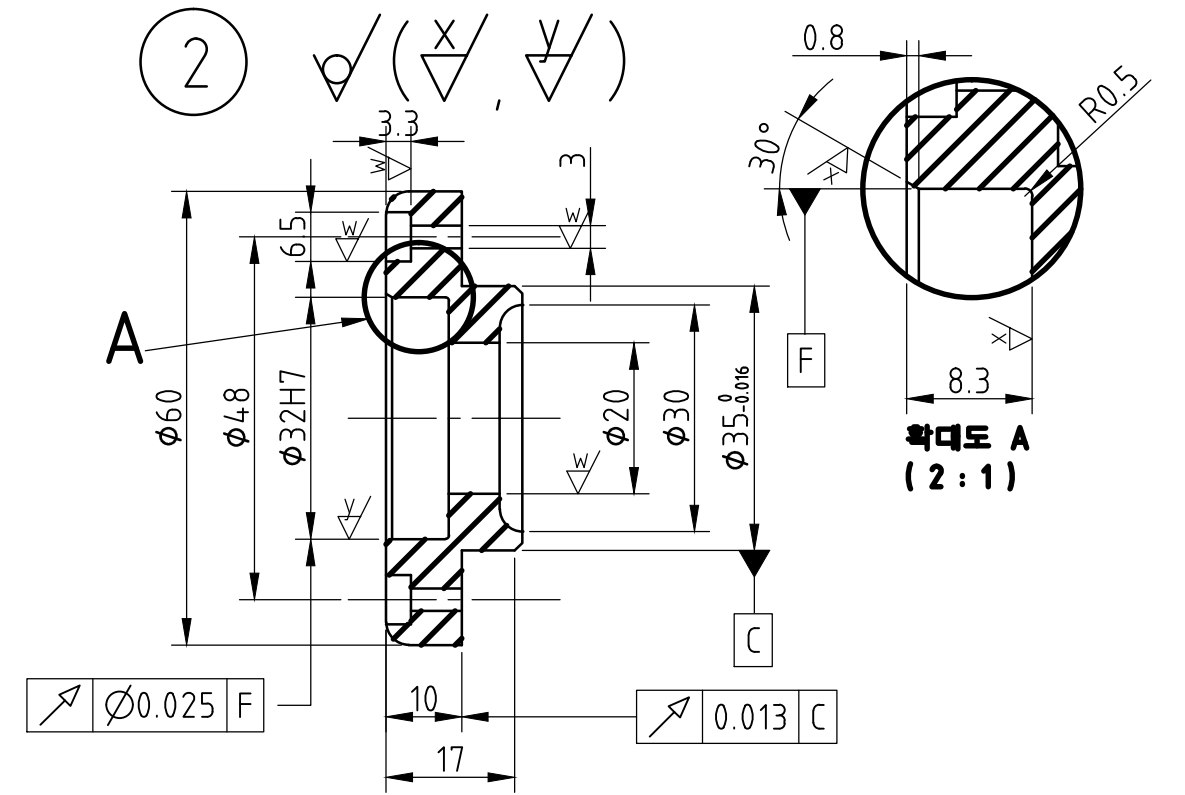
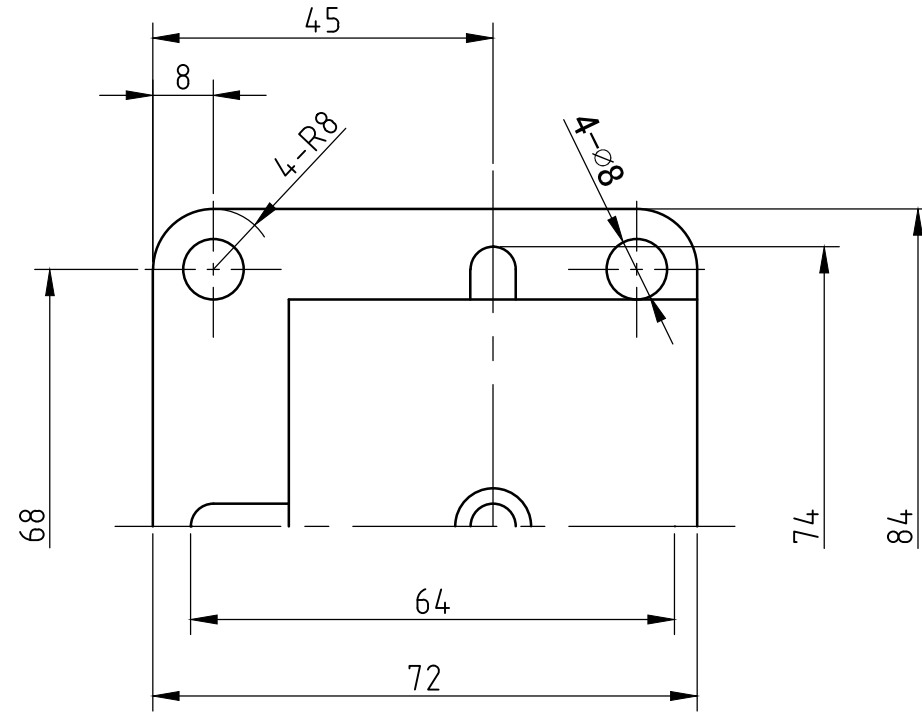
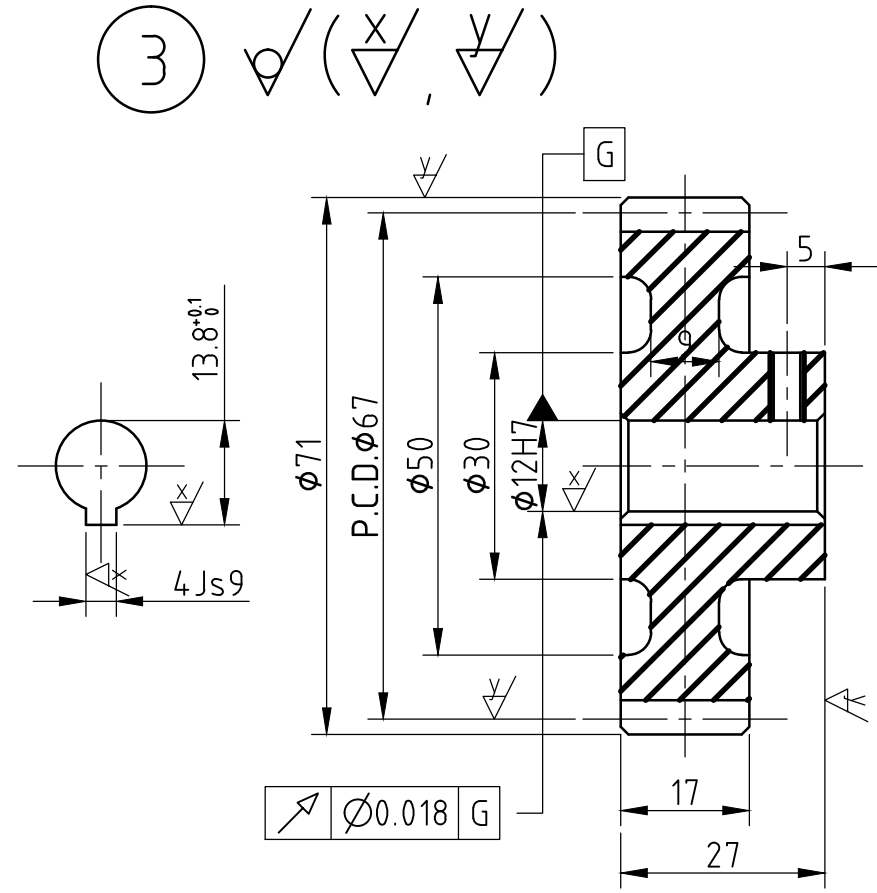


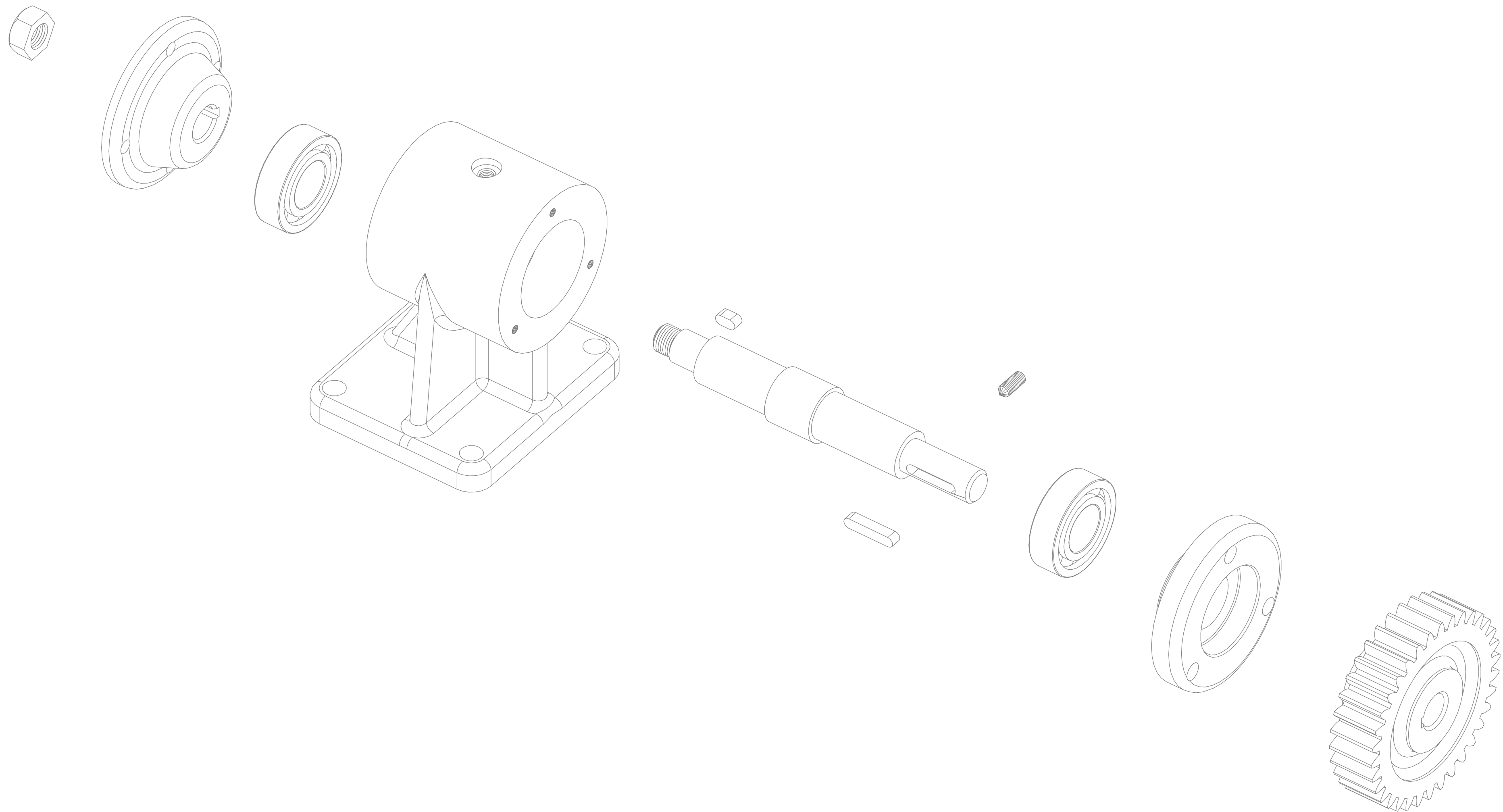
스퍼기어 요목표		
기어 치형		표준
공 구	모듈 m	2
	치형	보통이
	압력각 a	20°
전체 이 높이 2.25×m		4.5
피치원 지름 mz		67
잇 수 z		34
다듬질 방법		호브절삭
정밀도		KS B ISO 1328-1, 4급



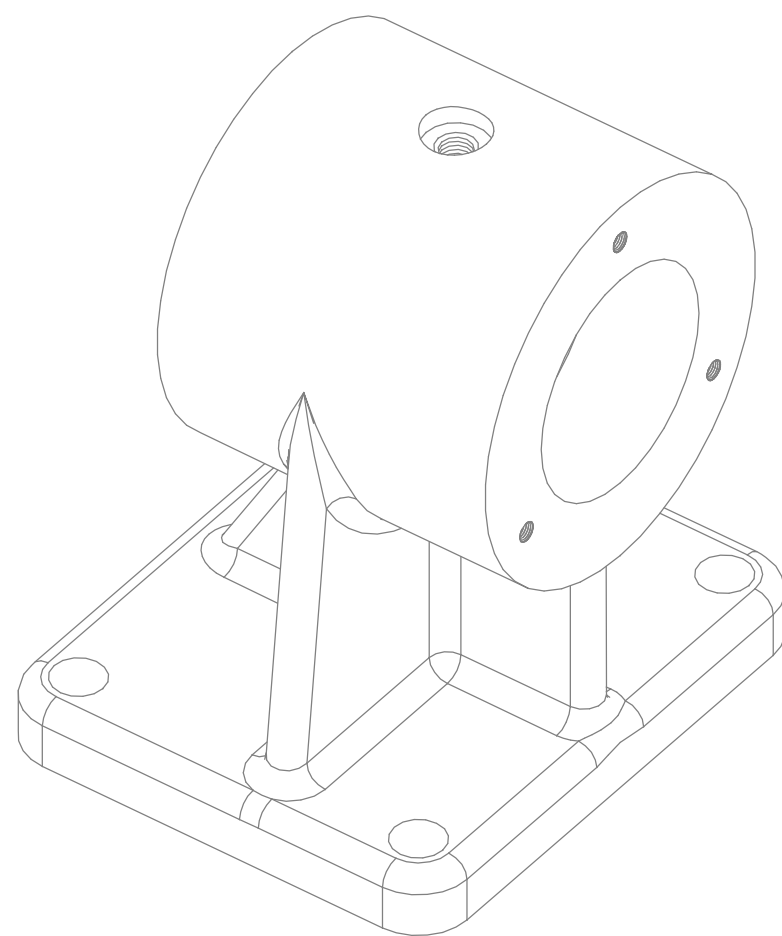
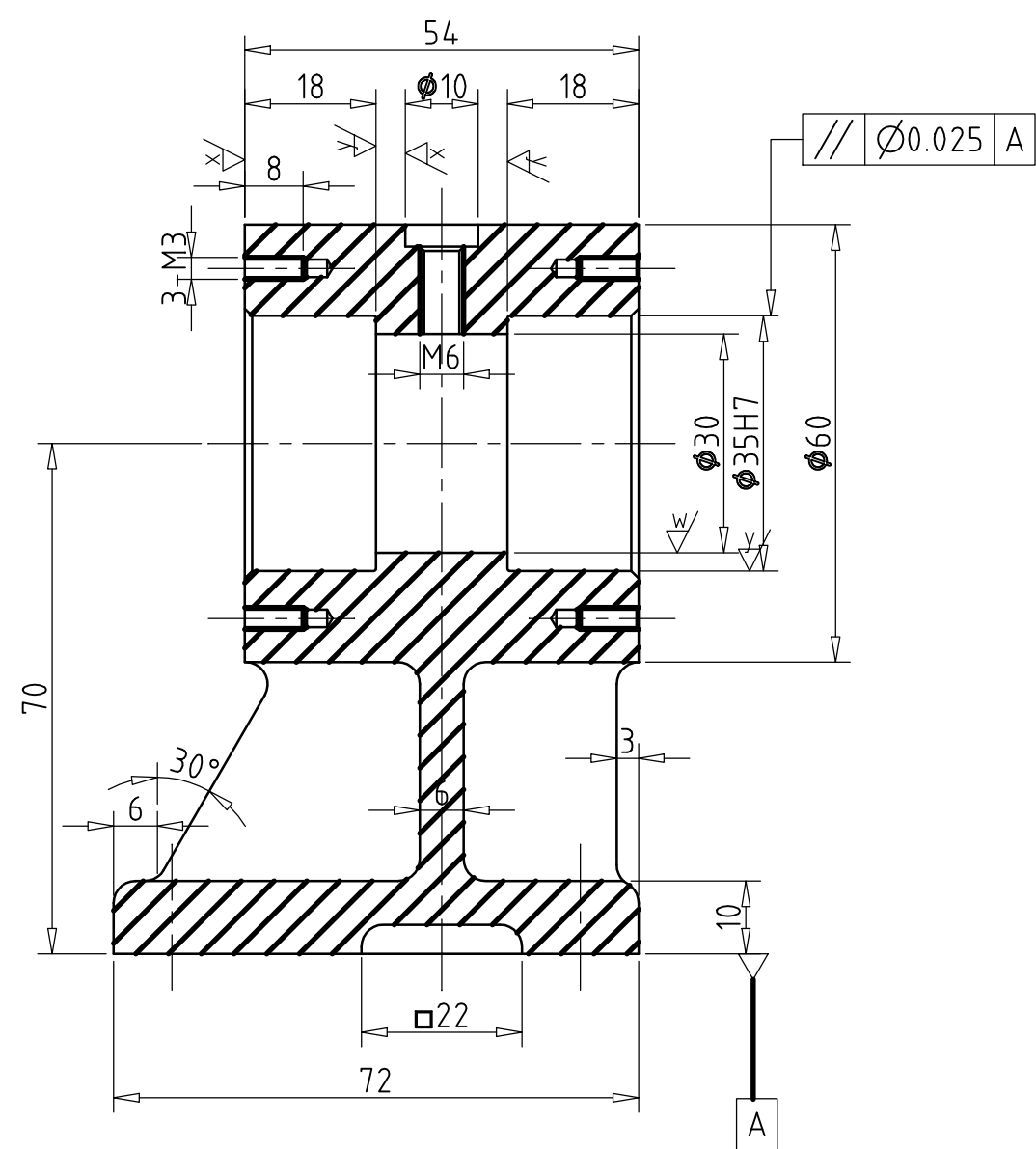
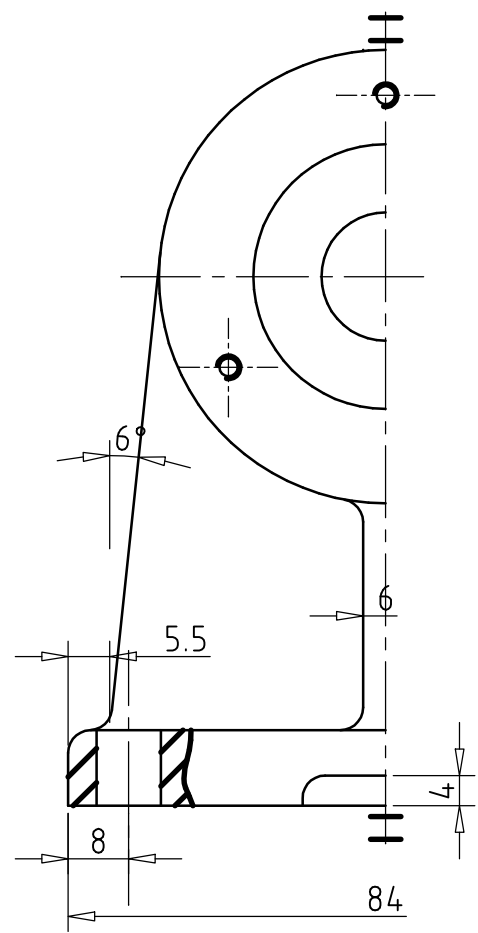
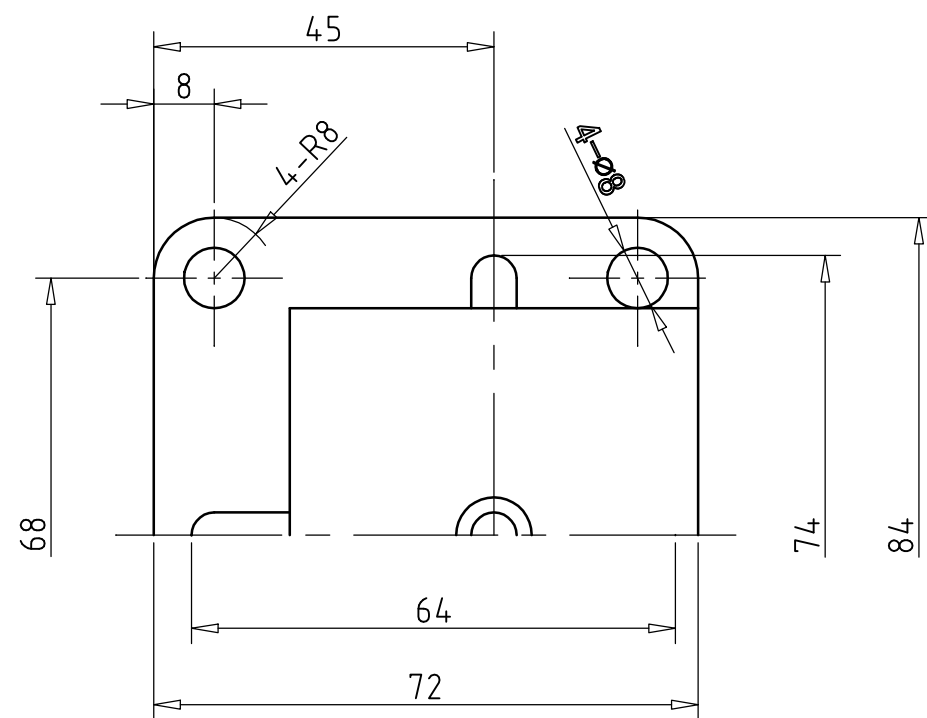
주 서

- 일반공차 - 가) 가공부 : KS B ISO 2768-m
나) 주조부 : KS B 0250-CT11
다) 주강부 : KS B 0418 보통부
- 도시되고 지시없는 모데기는 1X45° 필렛과 라운드는 R3
- 일반 모데기는 0.2X45°
- $\sqrt{}$ 부위 외면 명록색 도장
내면 광명단 도장
- 파커라이징 처리
- 전체 열처리 H RC 50±2
- 표면 거칠기 $\sqrt{} = \sqrt{}$
 $\frac{W}{\nabla} = \frac{W}{\nabla}$
 $\frac{X}{\nabla} = \frac{X}{\nabla}$
 $\frac{Y}{\nabla} = \frac{Y}{\nabla}$
 $\frac{Z}{\nabla} = \frac{Z}{\nabla}$

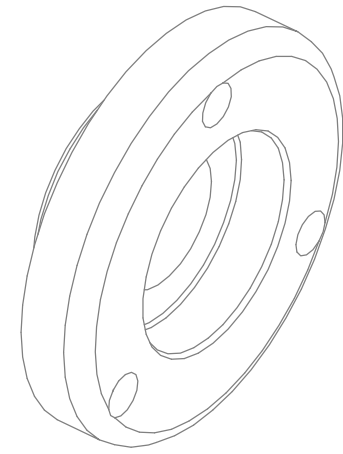
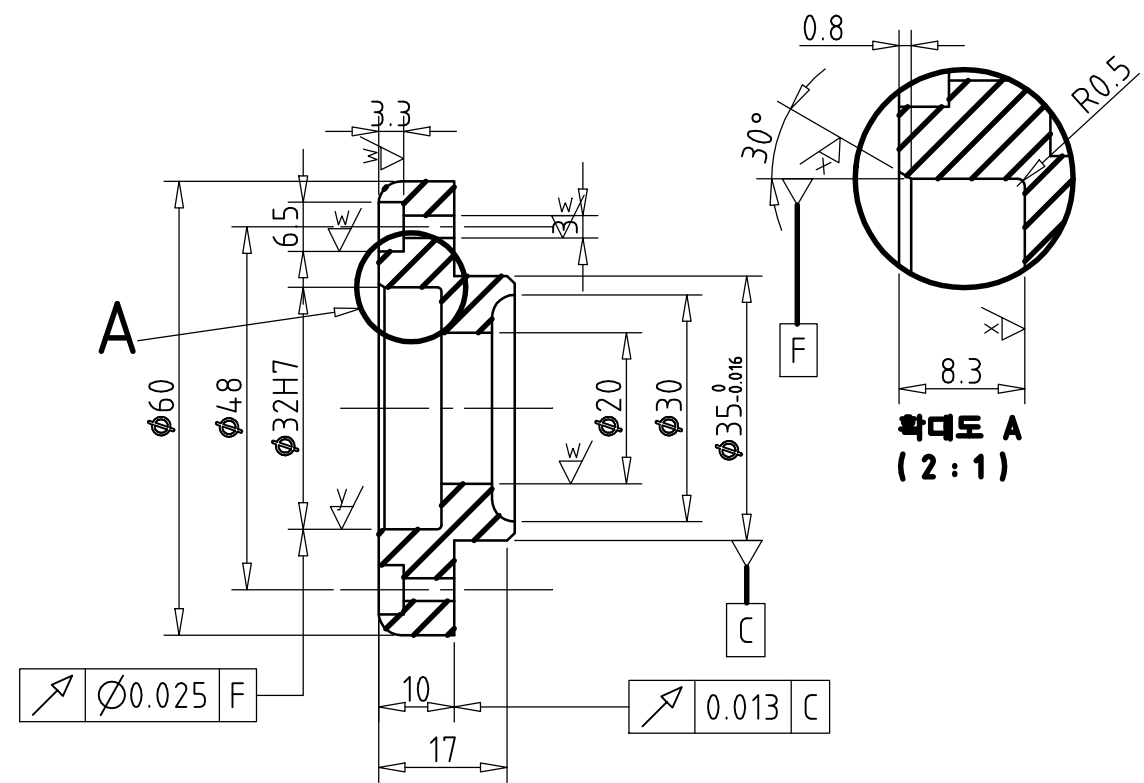
7	볼베어링		2	
6	너트		1	
5	커플링	GC250	1	
4	축	SM45C	1	
3	스커어기어	SC480	1	
2	커버	GC250	1	
1	본체	GC250	1	
품번	품 명	재질	수량	비고
날짜	11월 2일	작성자	손순호	척도 1 : 1
작품명	동력전달장치-3		각법	3각법



① $\nabla (\nabla^W, \nabla^X, \nabla^Y)$

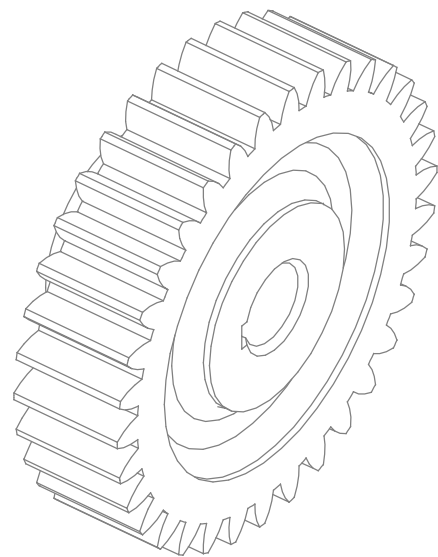
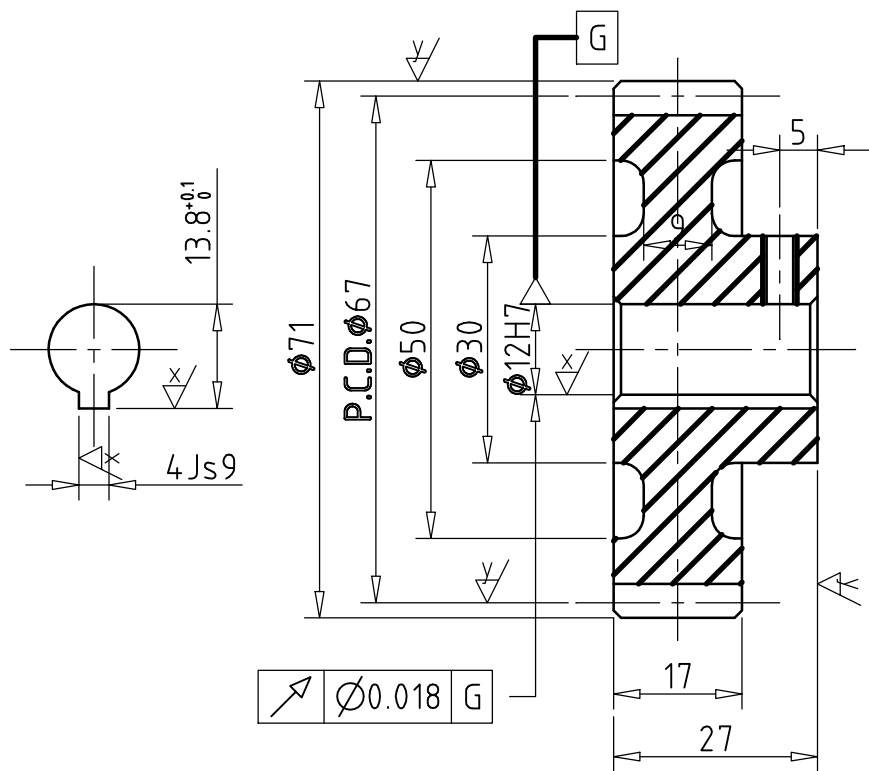


② $\nabla (\frac{x}{\nabla}, \frac{y}{\nabla})$

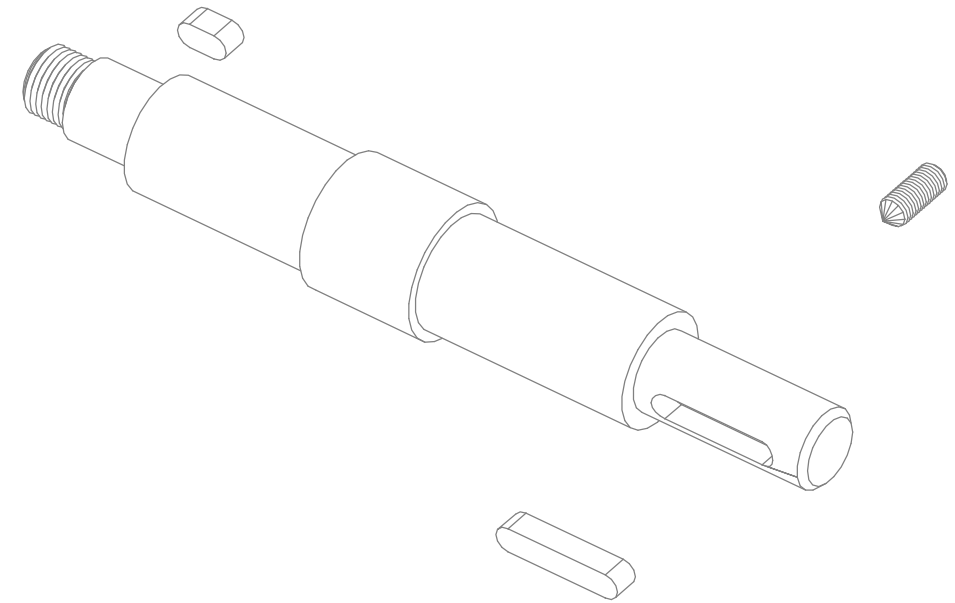


③ $\sqrt{\left(\frac{x}{\nabla}, \frac{y}{\nabla}\right)}$

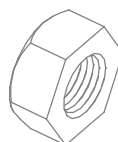
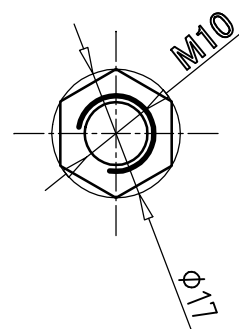
스퍼기어 요목표		
기어 치형		표준
공 구	모듈 m	2
	치형	보통이
	압력각 a	20°
전체 이 높이 2.25×m		4.5
피치원 지름 mz		67
잇 수 z		34
다듬질 방법		호브절삭
정밀도		KS B ISO 1328-1, 4급



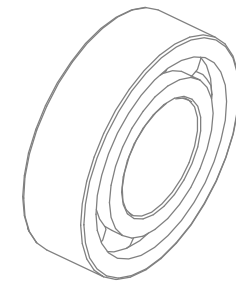
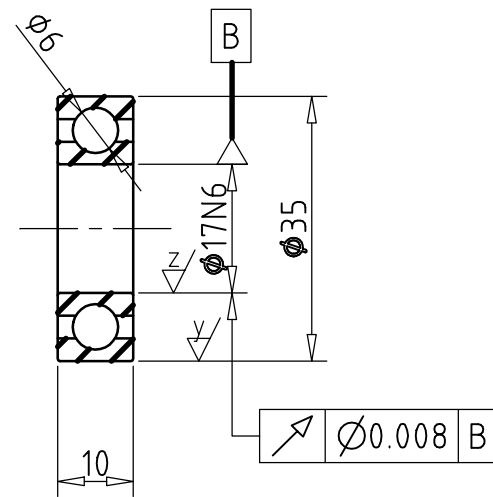
주)전체 열처리 $HRC50 \pm 2$



6 $\sqrt{\left(\frac{x}{\nabla}, \frac{y}{\nabla}\right)}$



7 $\sqrt{\quad}$ ($\sqrt{\text{X}}$, $\sqrt{\text{Y}}$)

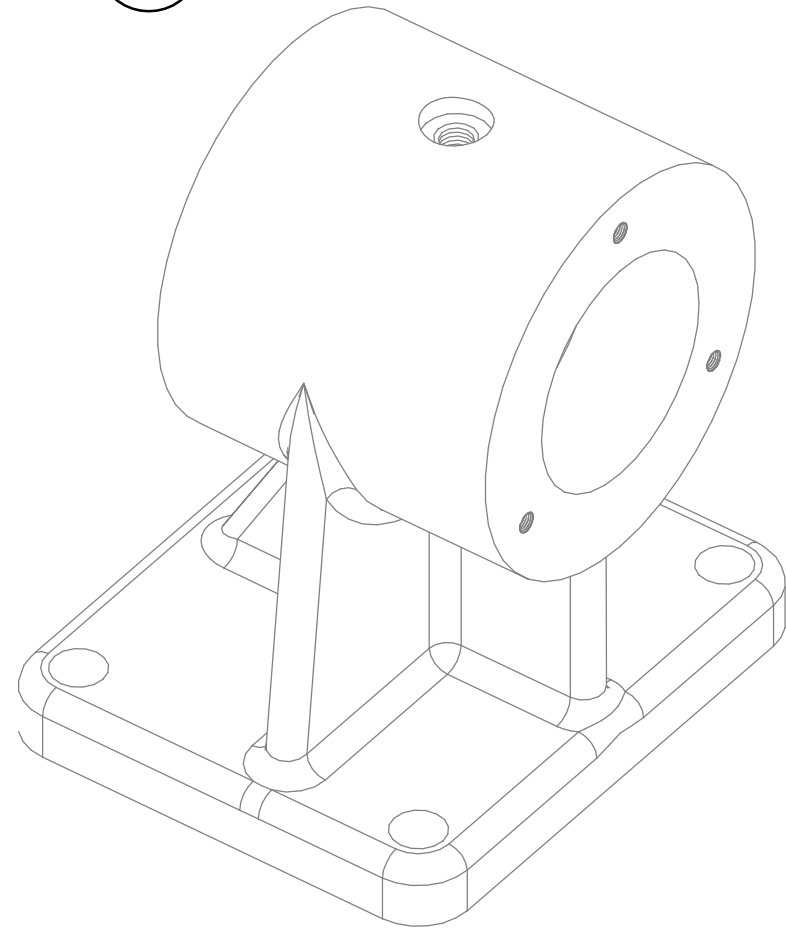


주 서

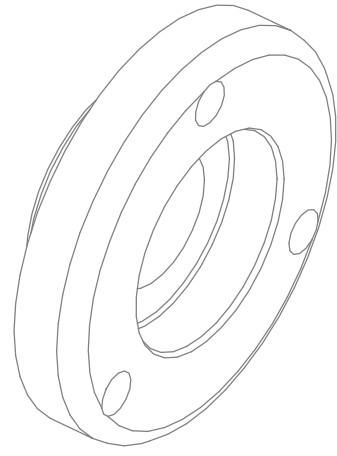
1. 일반공차 - 가) 가공부 : KS B ISO 2768-m
나) 주조부 : KS B 0250-CT11
다) 주강부 : KS B 0418 보통부
2. 도시되고 지시없는 모떼기는 1X45° 필렛과 라운드는 R3
3. 일반 모떼기는 0.2X45°
4. ∇ 부위 외면 명녹색 도장
내면 광명단 도장
5. 파커라이징 처리
6. 전체 열처리 H RC 50±2
7. 표면 거칠기 ∇ = ∇
 $\frac{W}{\nabla}$ = $\frac{12.5}{\nabla}$
 $\frac{X}{\nabla}$ = $\frac{3.2}{\nabla}$
 $\frac{Y}{\nabla}$ = $\frac{0.8}{\nabla}$
 $\frac{Z}{\nabla}$ = $\frac{0.2}{\nabla}$

7	볼베어링			2	
6	너트			1	
5	커플링			GC250	1
4	축			SM45C	1
3	스커어기어			SC480	1
2	커버			GC250	1
1	본체			GC250	1
품번	품 명			재질	수량 비고
날짜	11월 2일	작성자	순순호	척도	1 : 1
작품명	동력전달장치-3			각법	3각법

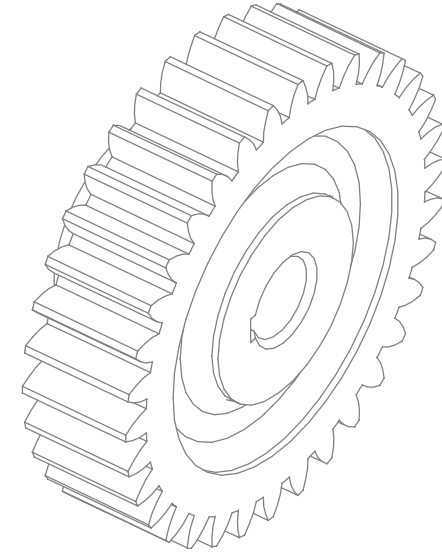
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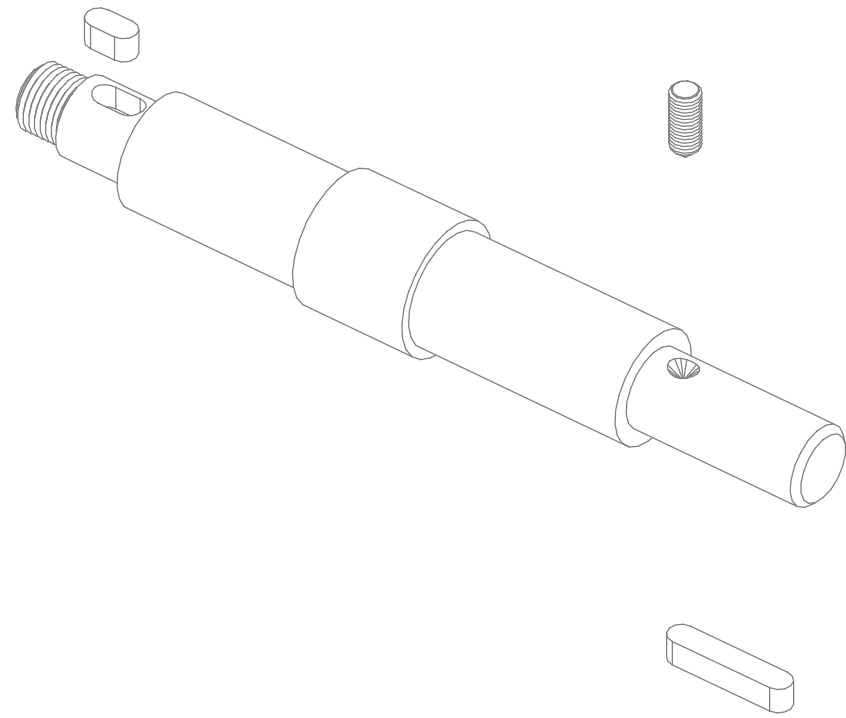
2



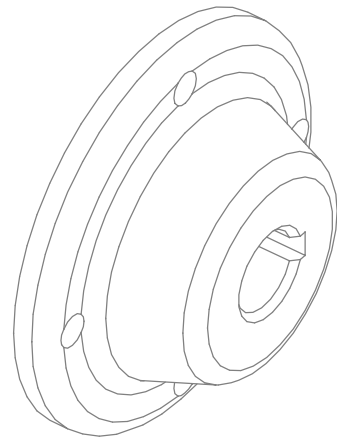
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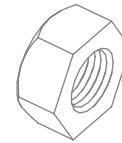
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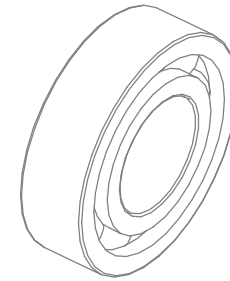
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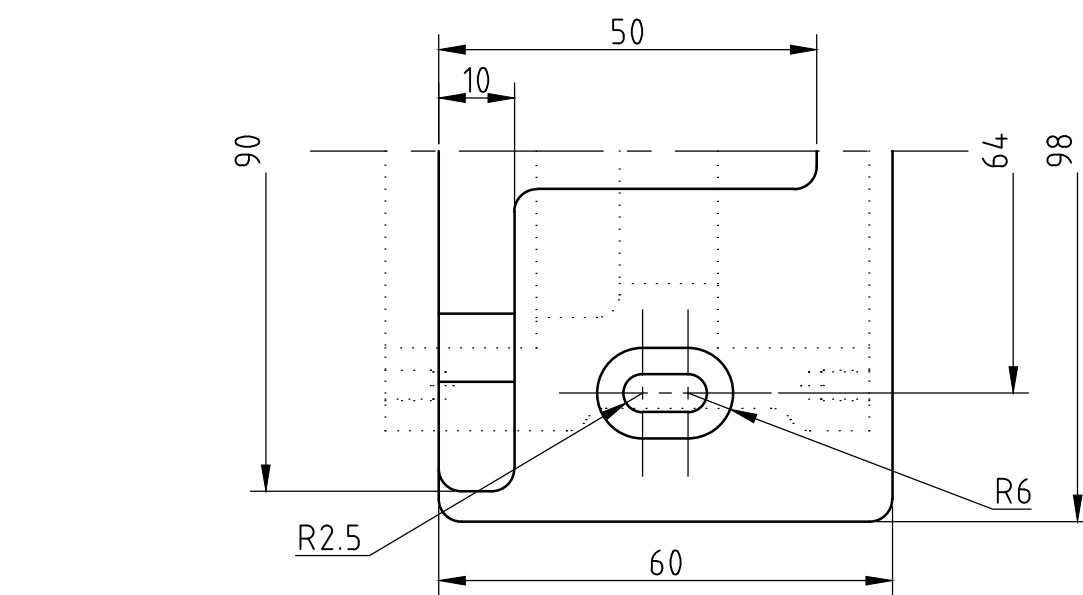


6

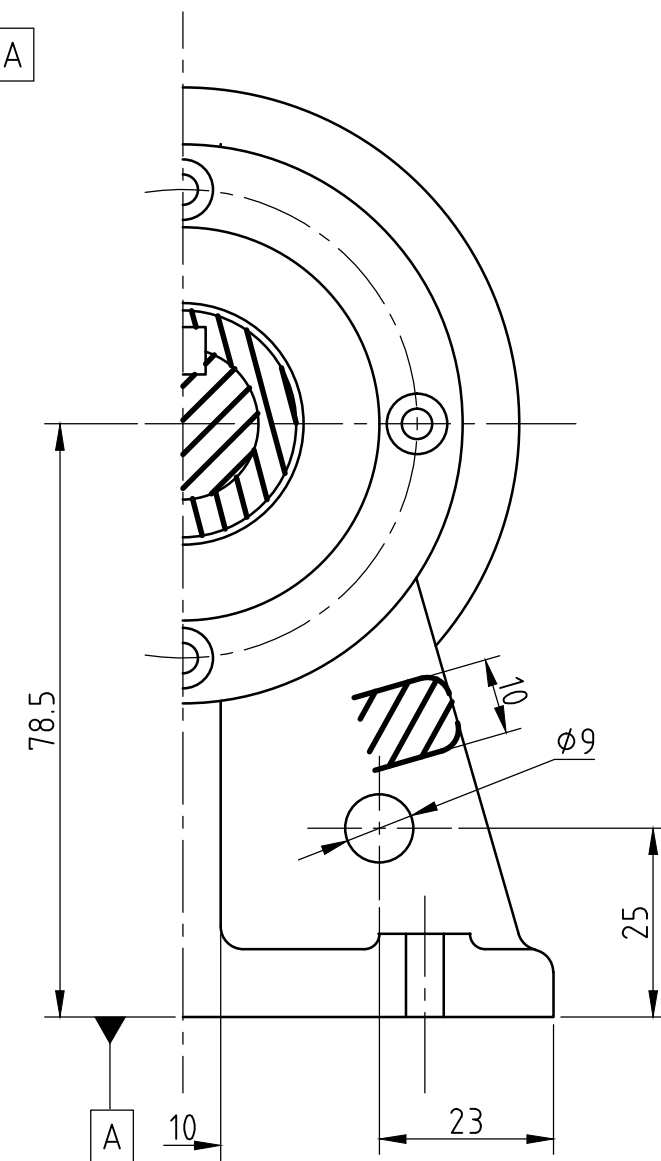
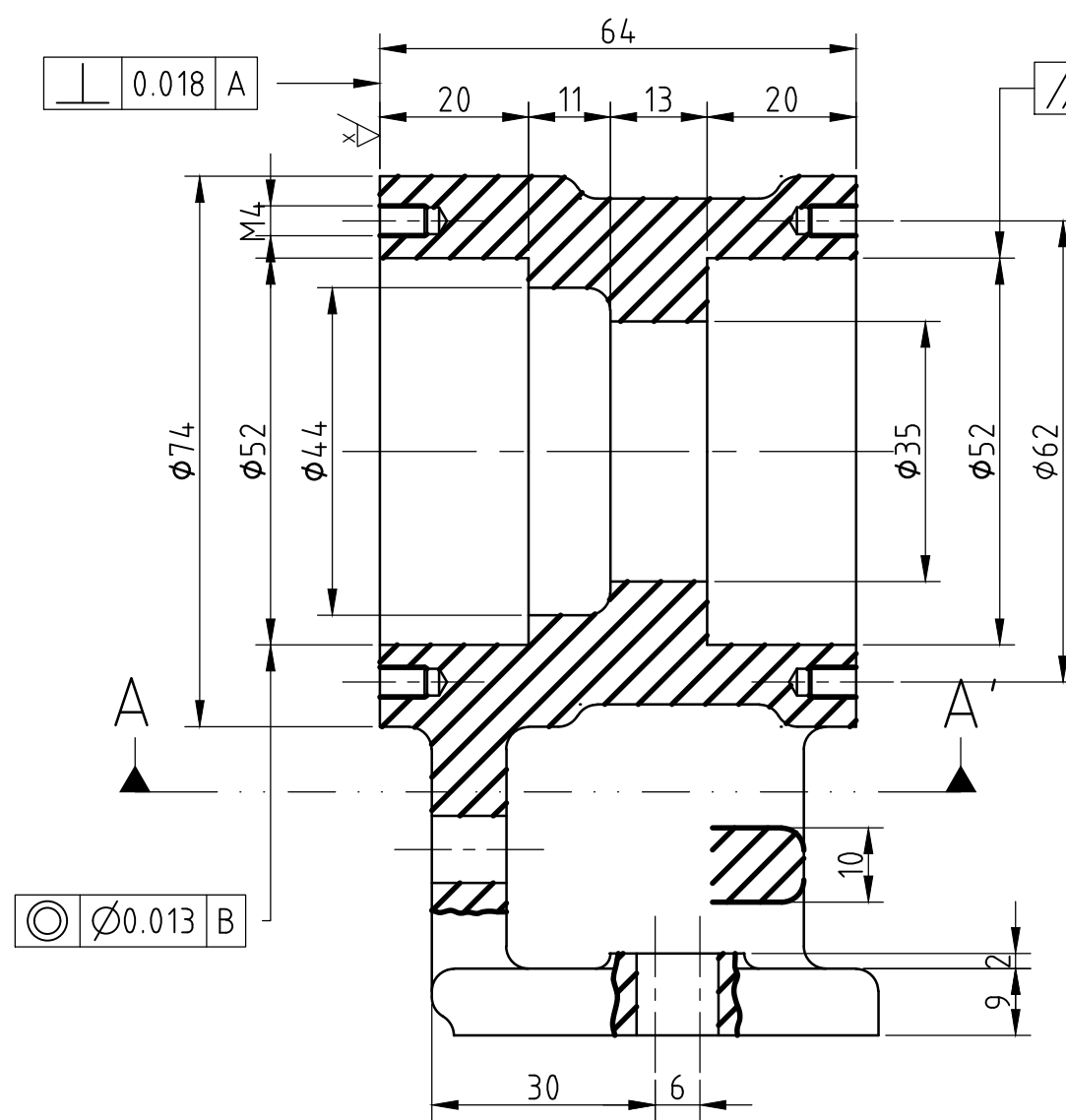


7

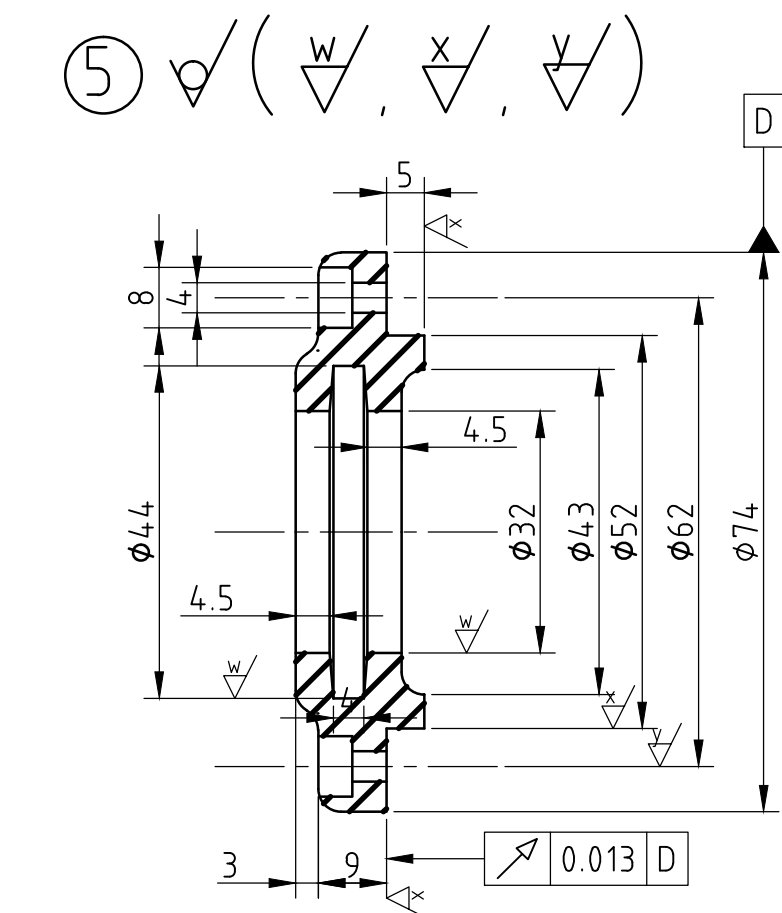




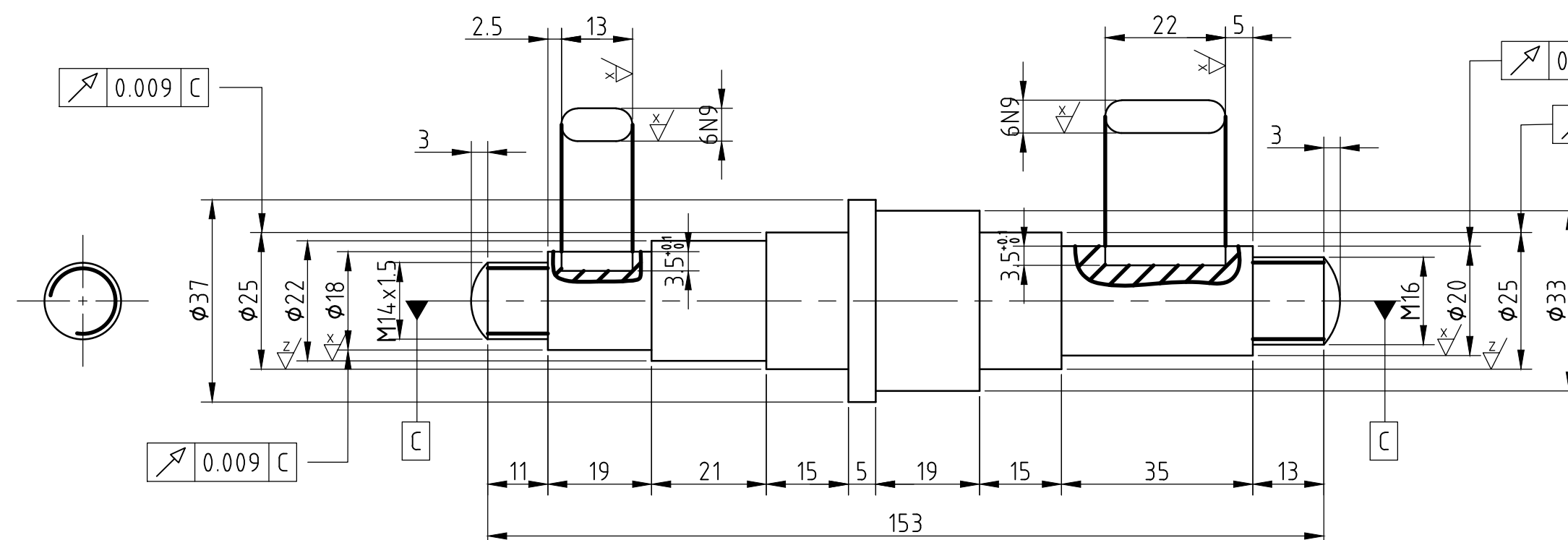
① $\nabla \left(\frac{W}{\nabla}, \frac{X}{\nabla}, \frac{Y}{\nabla} \right)$



② $\frac{X}{\nabla} \left(\frac{Y}{\nabla}, \frac{Z}{\nabla} \right)$

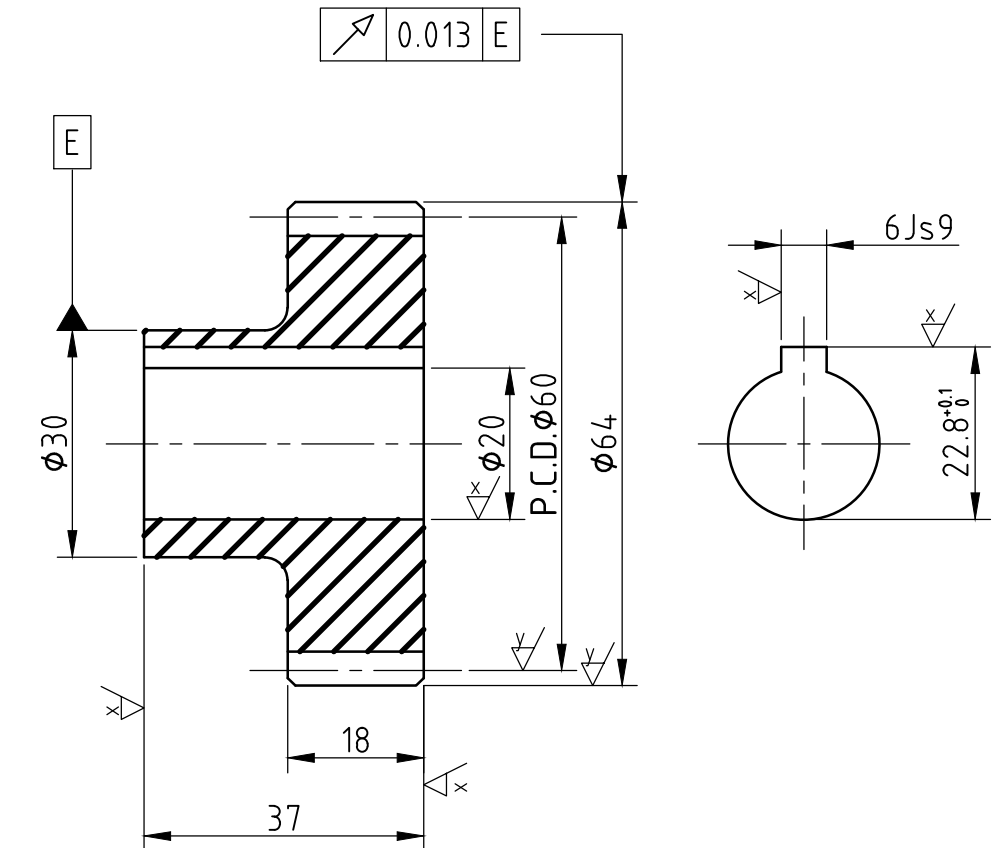


⑤ $\nabla \left(\frac{W}{\nabla}, \frac{X}{\nabla}, \frac{Y}{\nabla} \right)$

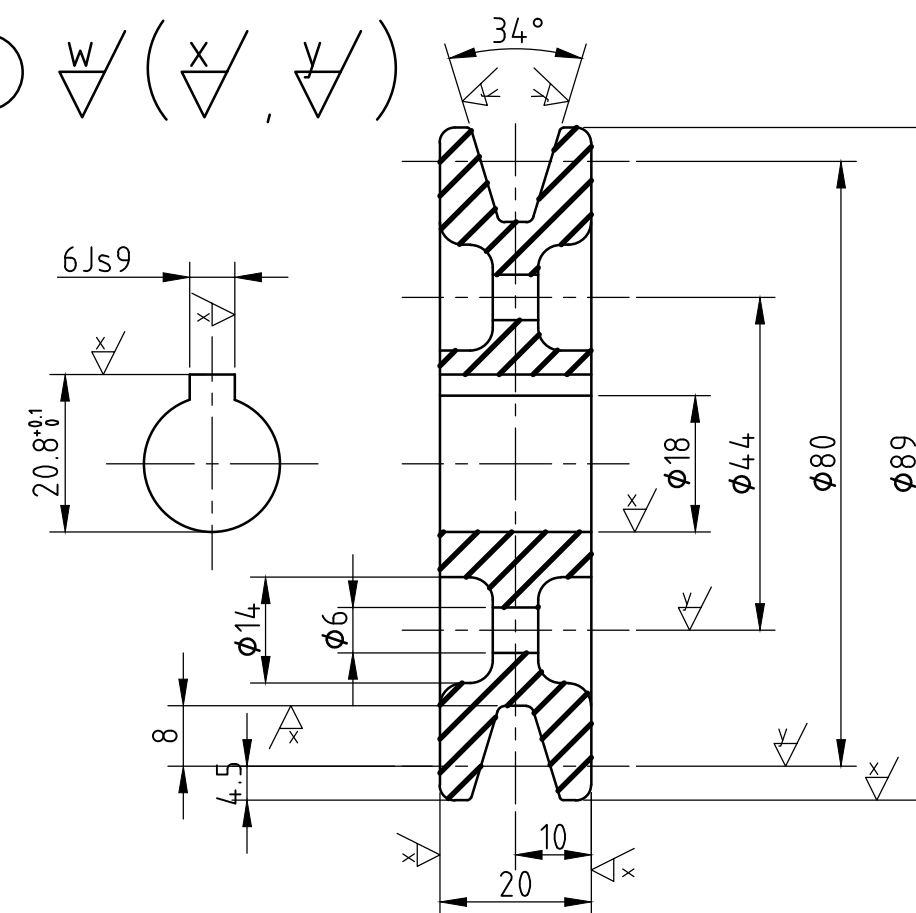


④ $\frac{W}{\nabla} \left(\frac{X}{\nabla}, \frac{Y}{\nabla} \right)$

스퍼기어 요목표		
기어 치형	표준	
공구	모듈	2
	치형	보통이
	압력각	20°
전체 이 높이	4.5	
피치원 지름	60	
잇수	30	
다듬질 방법	호브절삭	
정밀도	KS B ISO 1328-1, 4급	



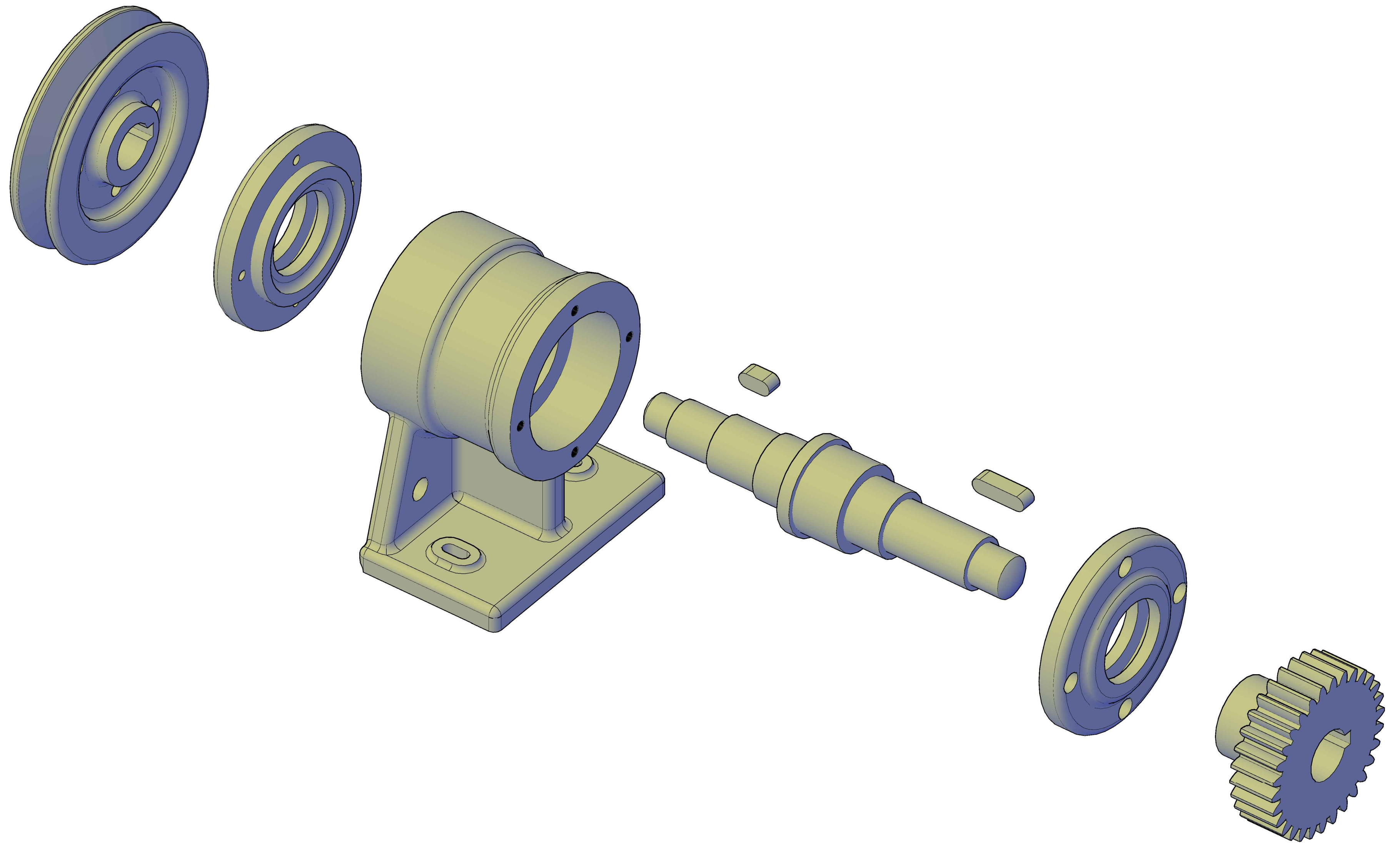
③ $\frac{W}{\nabla} \left(\frac{X}{\nabla}, \frac{Y}{\nabla} \right)$

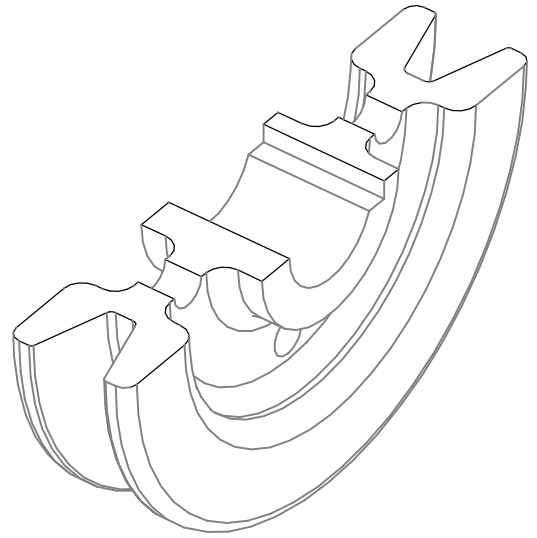
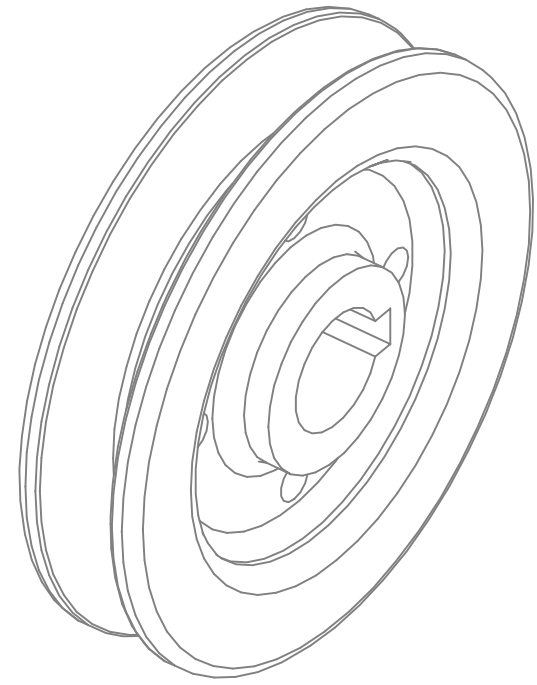
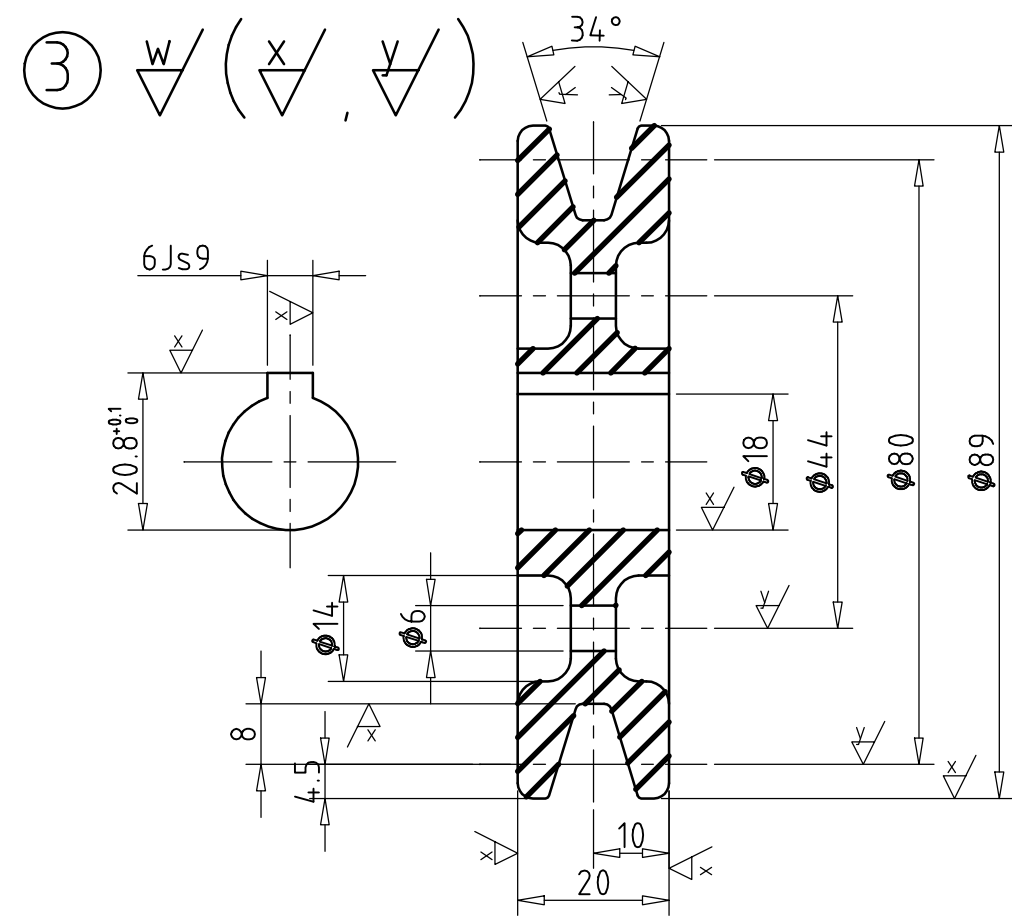


주 서

- 일반공차 - 가) 가공부 : KS B ISO 2768-m
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- 일반 모데기는 0.2X45°
- ∇ 부위 외면 명녹색 도장
내면 광명단 도장
- 파커라이징 처리
- 전체 열처리 HRC 50±2
- 표면 거칠기 $\nabla = \nabla$
 $\frac{W}{\nabla} = \frac{12.5}{\nabla}$
 $\frac{X}{\nabla} = \frac{3.2}{\nabla}$
 $\frac{Y}{\nabla} = \frac{1.6}{\nabla}$
 $\frac{Z}{\nabla} = \frac{0.8}{\nabla}$

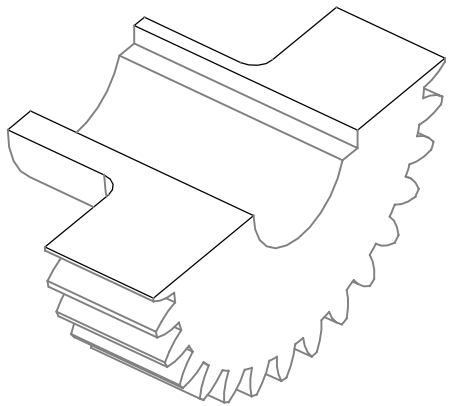
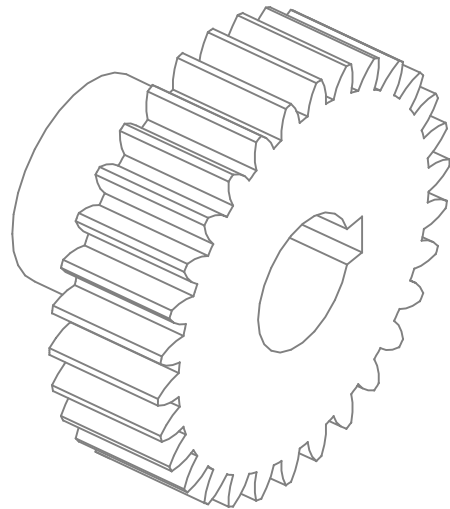
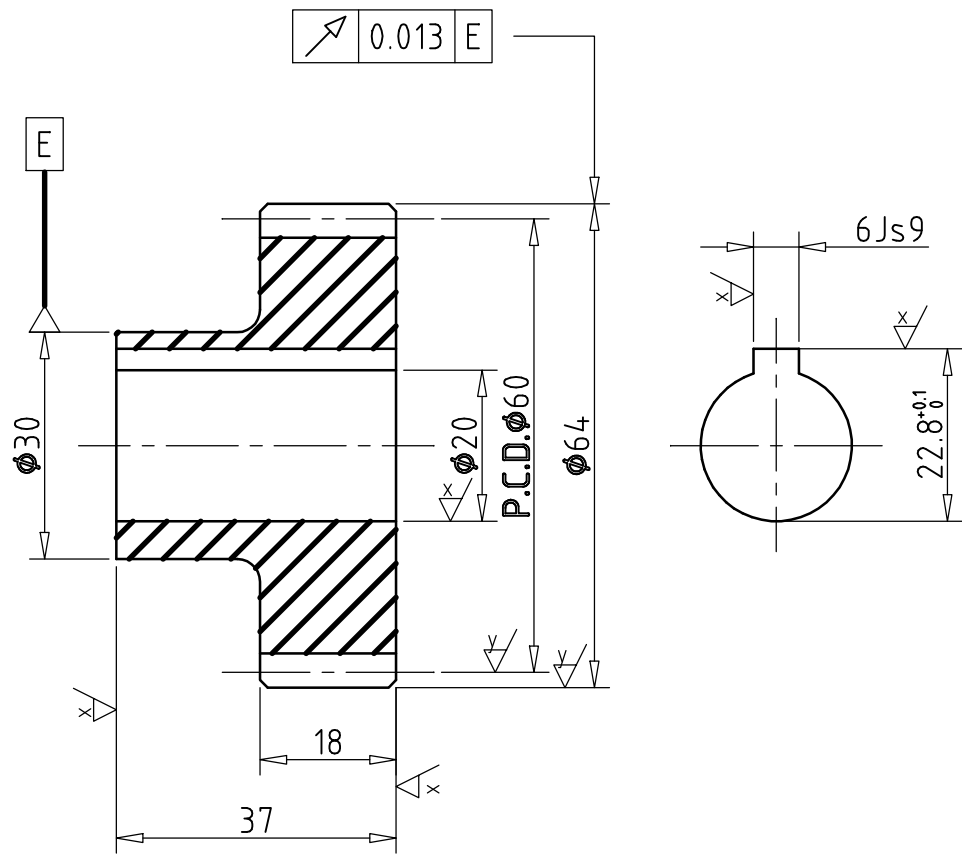
5	커버	GC250	2	
4	스퍼기어	SC480	1	
3	V-벨트폴리 A-Type	GC250	1	
2	축	SM45C	1	
1	본체	GC250	1	
품번	품명	재질	수량	비고
날짜	11월 2일	이름	순순호	척도 1 : 1
작품명	동력전달장치-5		투상법	삼각법

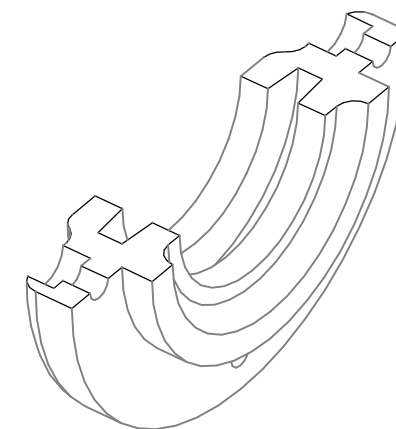
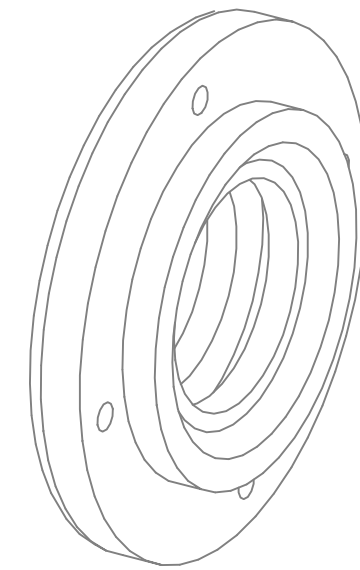
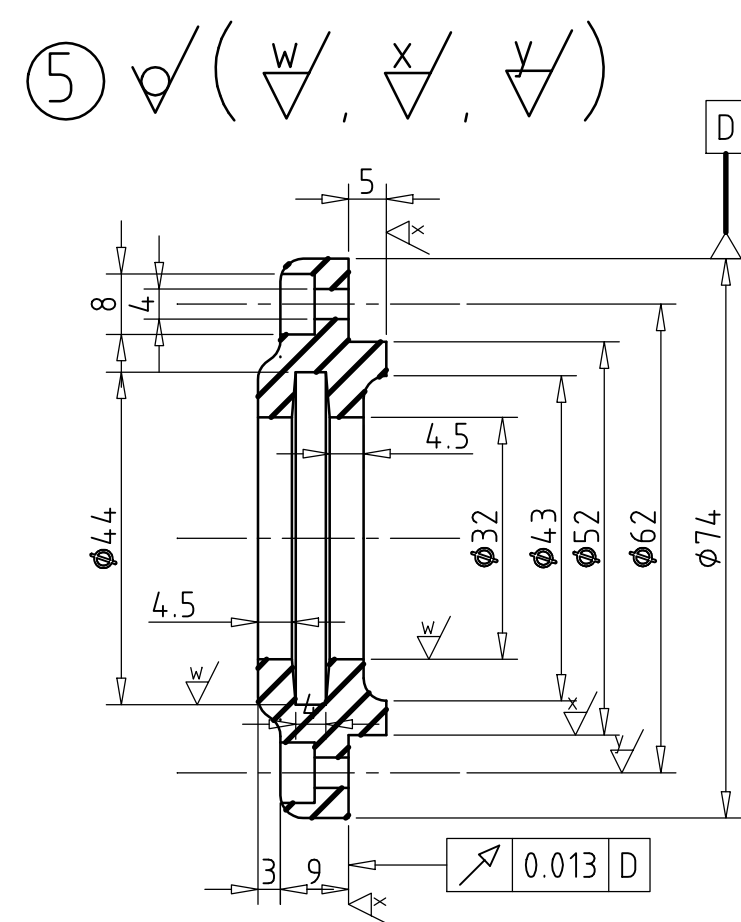




④ $\nabla \left(\frac{W}{\nabla}, \frac{Y}{\nabla} \right)$

스퍼기어 요목표		
기어 치형	표준	
공구	모듈	2
	치형	보통이
	압력각	20°
전체 이 높이	4.5	
피치원 지름	60	
잇수	30	
다듬질 방법	호브절삭	
정밀도	KS B ISO 1328-1, 4급	





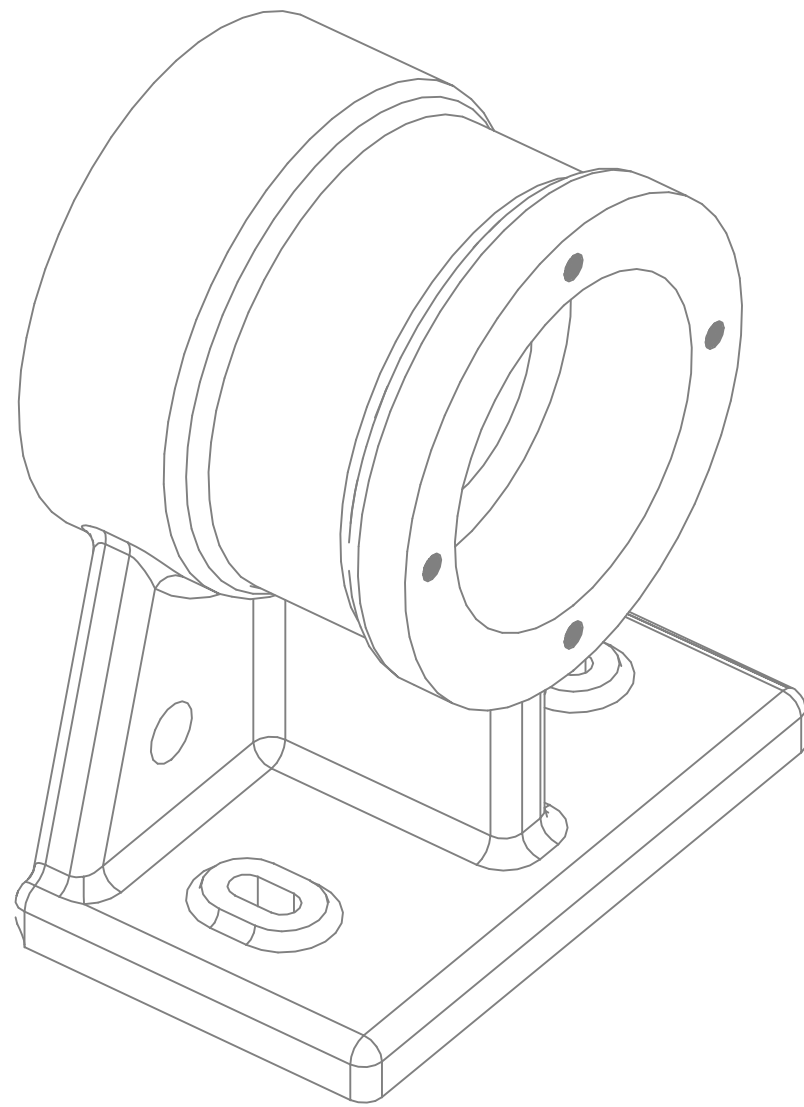
주 서

1. 일반공차 - 가) 가공부 : KS B ISO 2768-m
나) 주조부 : KS B 0250-CT11
다) 주강부 : KS B 0418 보통부
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3. 일반 모떼기는 0.2X45°
4.  부위 외면 명록색 도장
내면 광명단 도장
5. 파커라이징 처리
6. 전체 열처리 HRC 50±2
7. 표면 거칠기

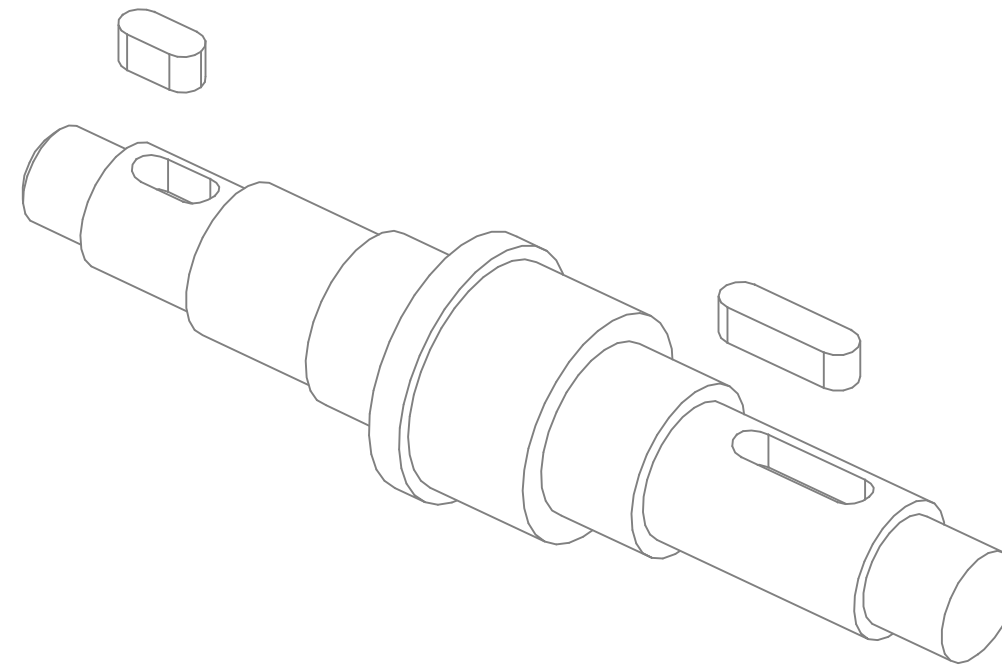
	=	
	=	
	=	
	=	
	=	

5	커버			GC250	2	
4	스퍼어기어			SC480	1	
3	V-벨트폴리 A-Type			GC250	1	
2	축			SM45C	1	
1	본체			GC250	1	
품번	품명			재질	수량	비고
날짜	11월 2일	이름	순순호	척도	1 : 1	
작품명	동력전달장치 -5			투상법	삼각법	

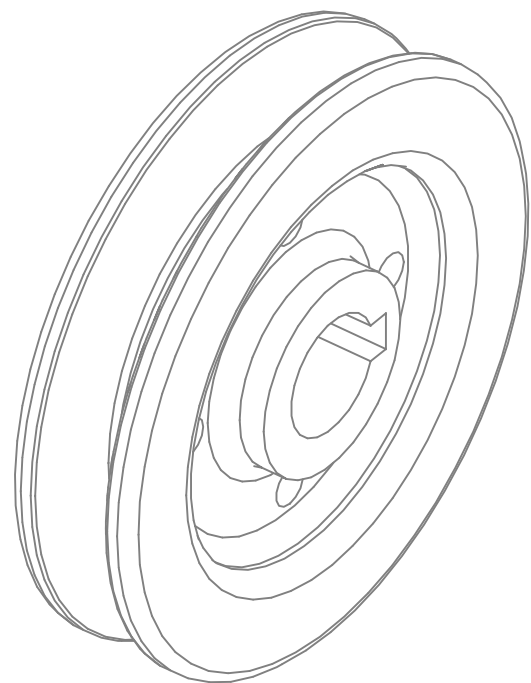
①



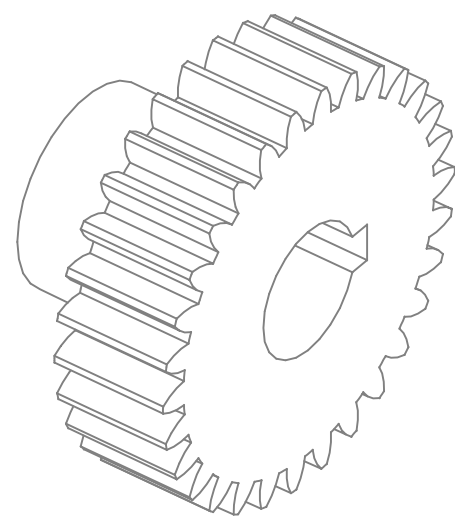
②



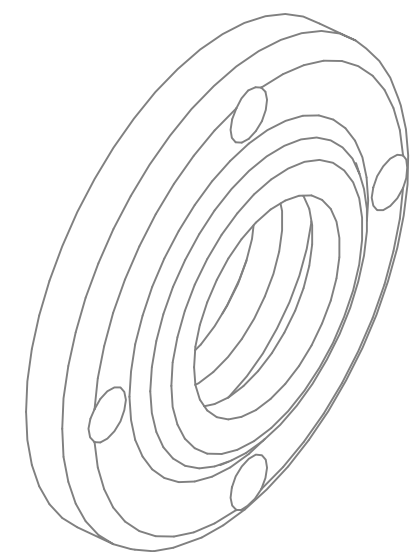
③

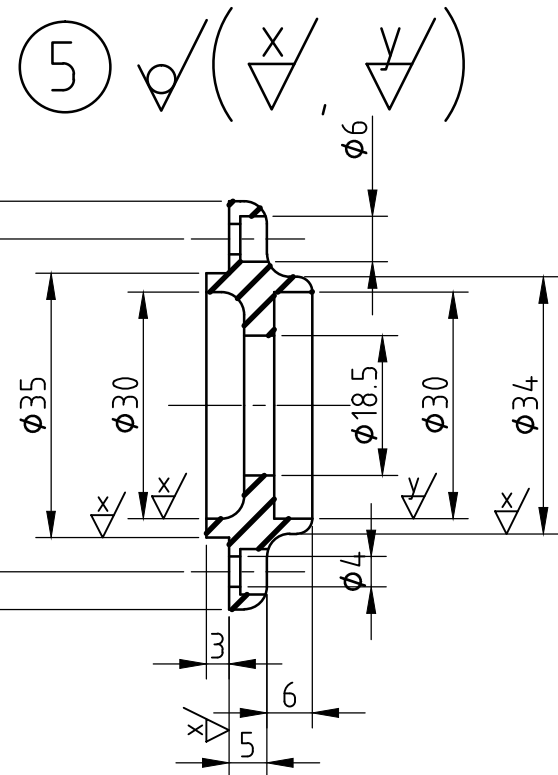


④

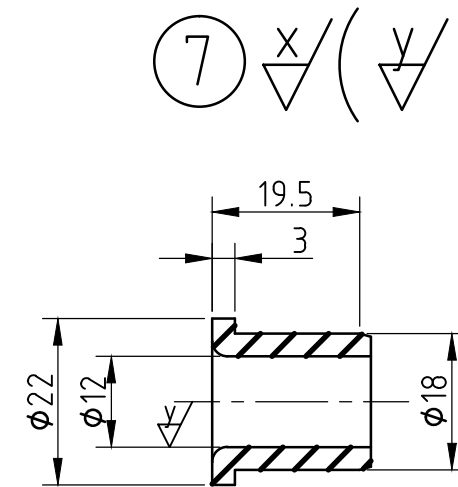
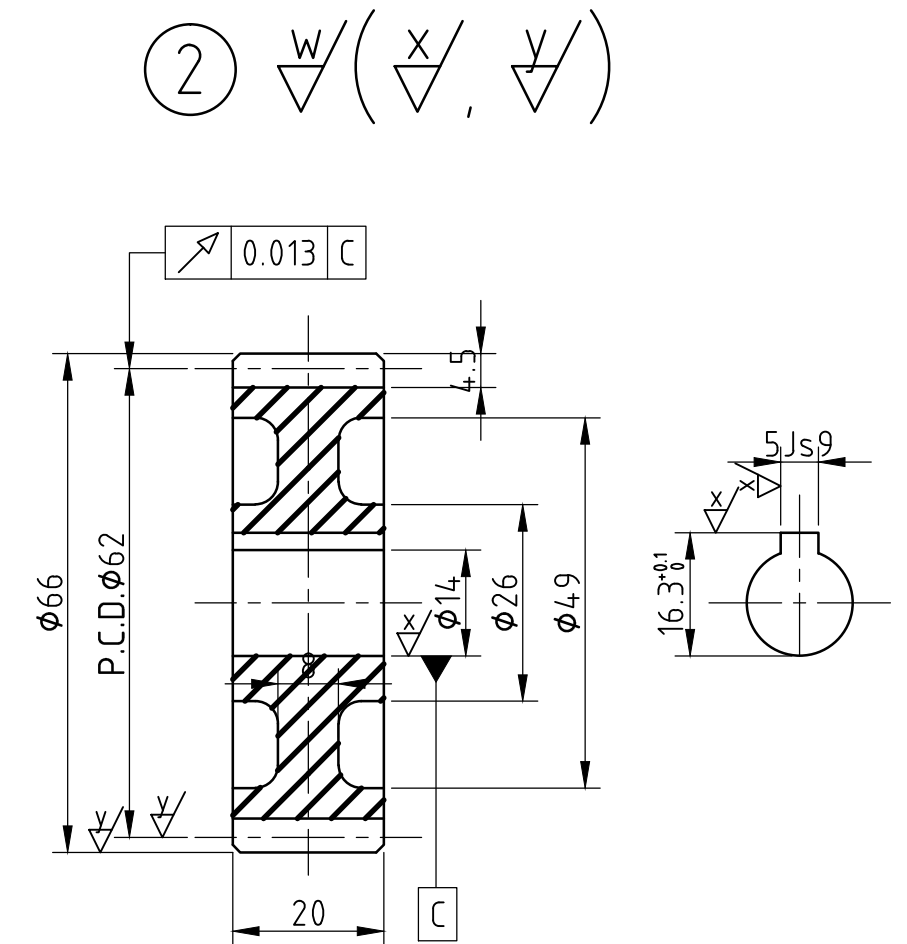


⑤





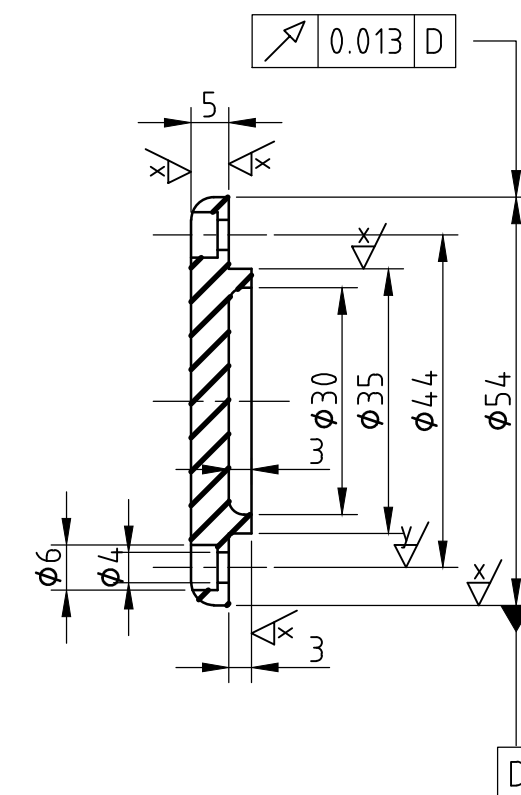
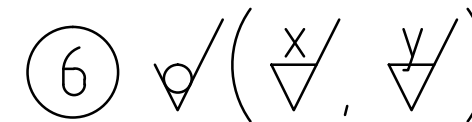
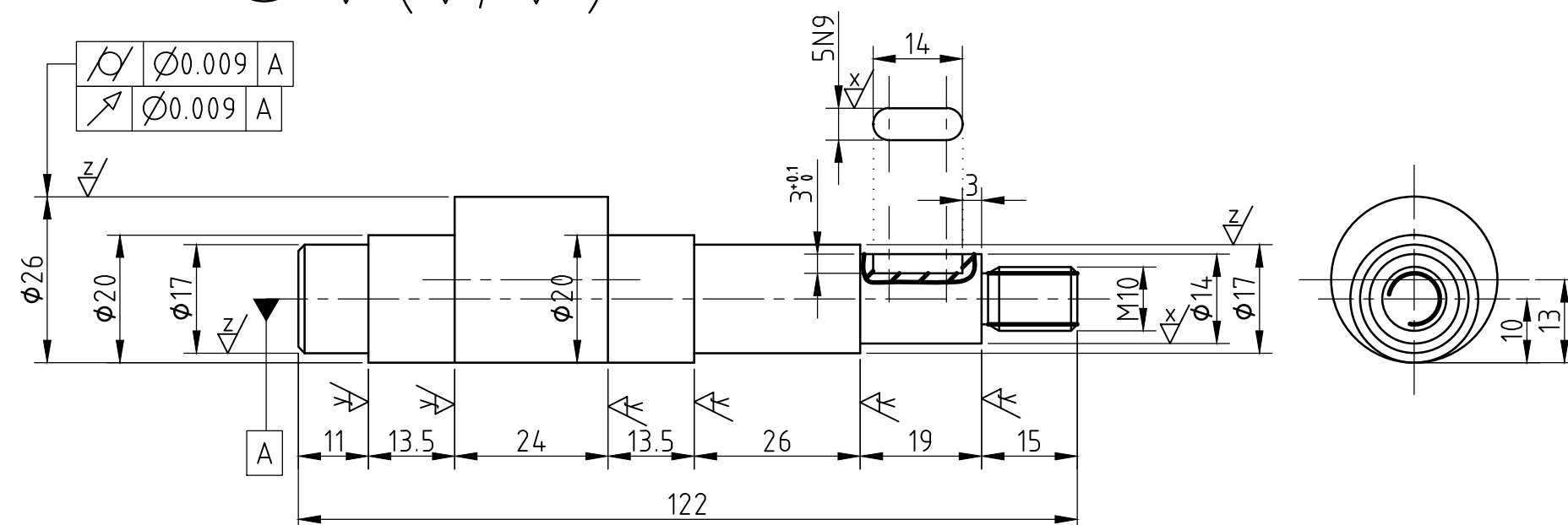
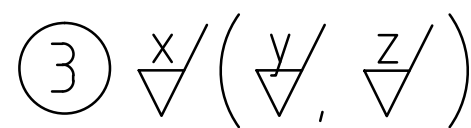
스퍼기어 요목표		
기어 치형		표준
공구	모듈	2
	치형	보통이
	압력각	20°
전체이높이		4.5
피치원 지름		62
잇수		31
다듬질 방법		호브절삭
정밀도		KS B ISO 1328-1,4급



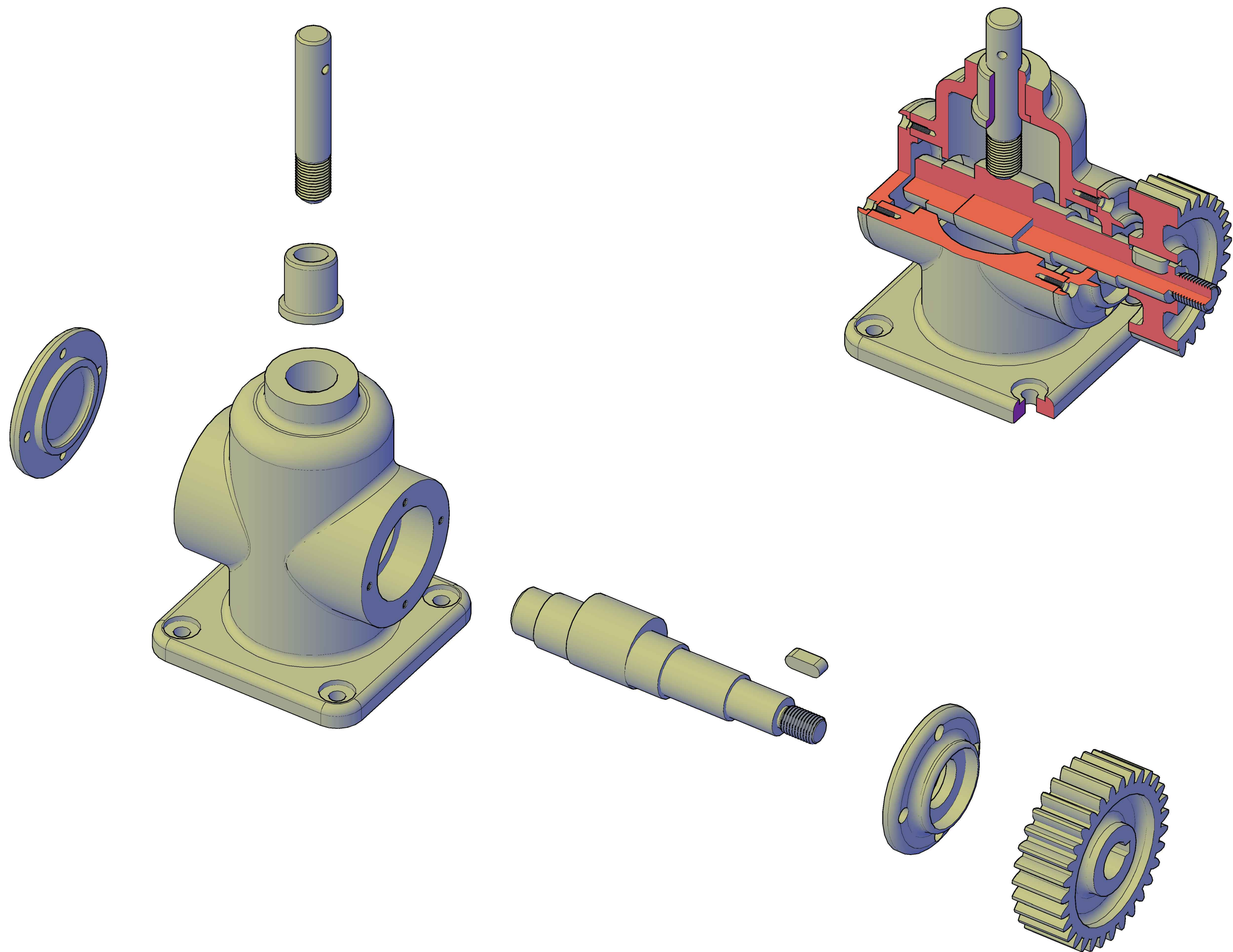
주서

1. 일반공차 - 가) 가공부 : KS B ISO 2768-m
나) 주조부 : KS B 0250-CT11
다) 주강부 : KS B 0418 보통부
2. 도시되고 지시없는 모떼기는 1X45° 필렛과 라운드는 R3
3. 일반 모떼기는 0.2X45°
4. ☒ 부위 외면 명색색 도장
내면 광명단 도장
5. 파커라이징 처리
6. 전체 열처리 HRC 50±2
7. 표면 거칠기 ☒ — ☒

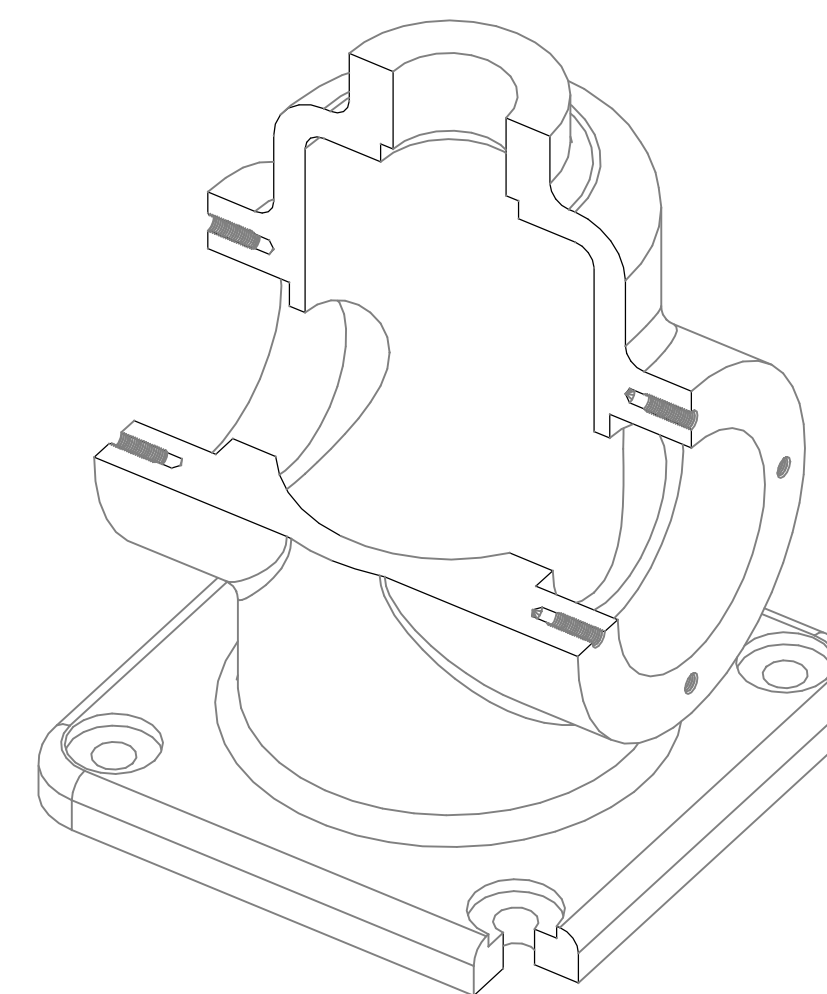
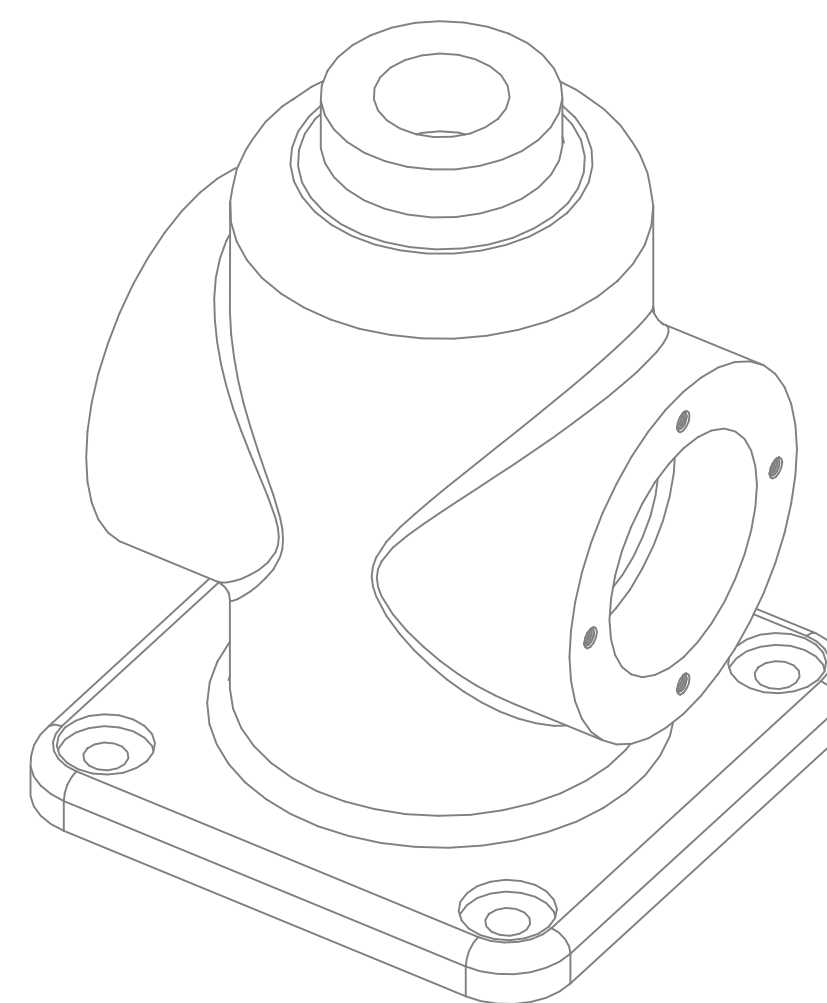
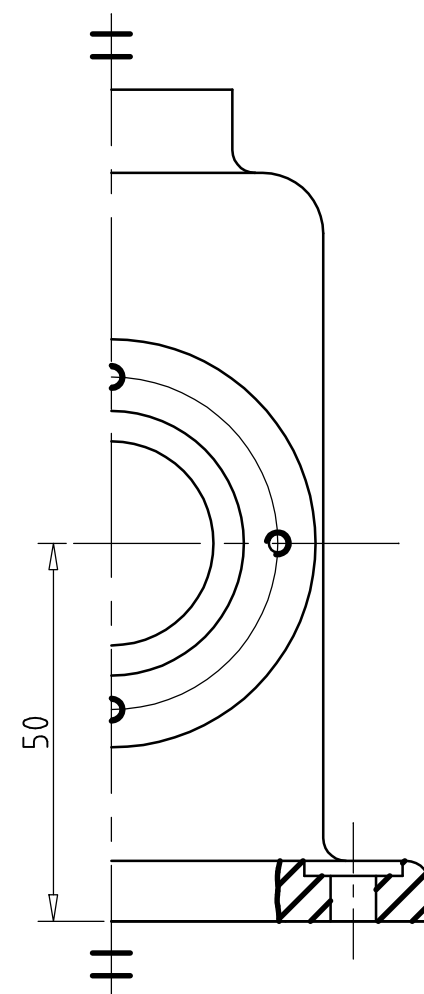
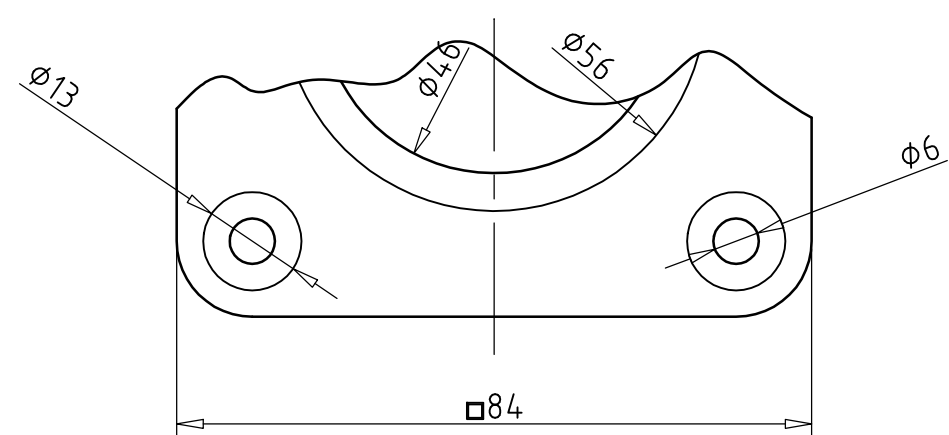
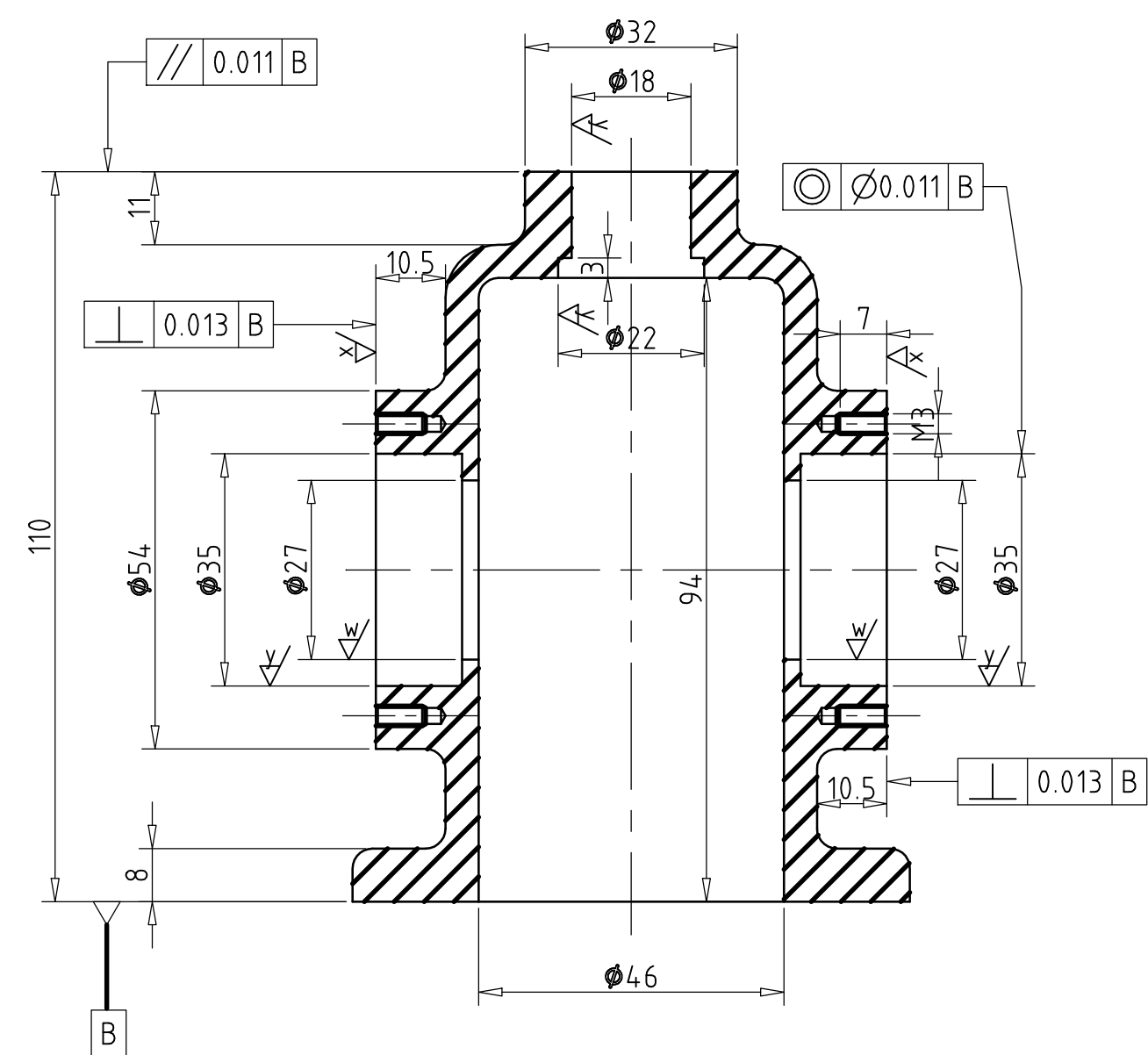
	=	
	=	12.5 
	=	3.2 
	=	0.8 
	=	0.2 



7	고정 부시		GC250	1	
6	커버		GC250	1	
5	커버		GC250	1	
4	축		SCM435	1	
3	축		SCM435	1	
2	스퍼기어		SM45C	1	
1	본체		GC250	1	
품번	품명		재질	수량	비고
날짜	11월 1일	작성자	순순호	척도	1:1
도면명	편심구동장치 - 4			각법	삼각법

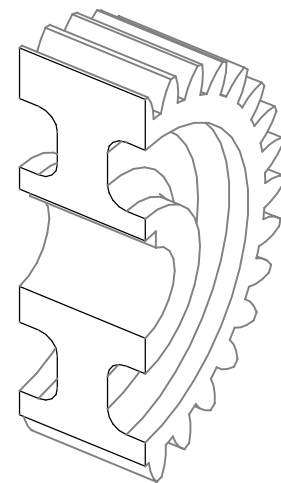
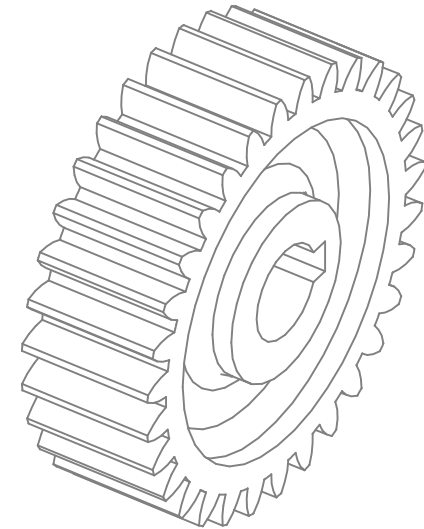
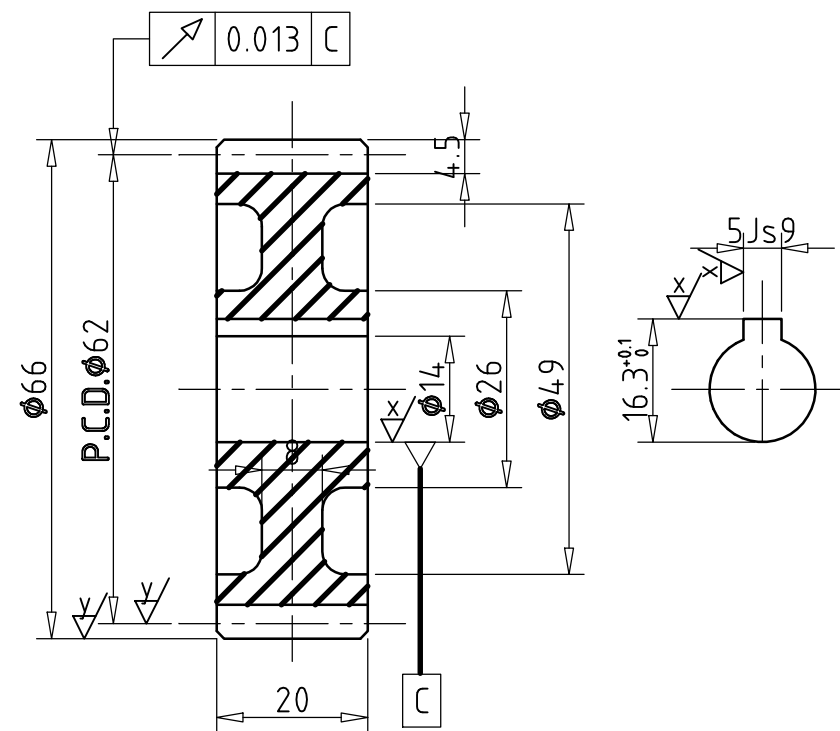


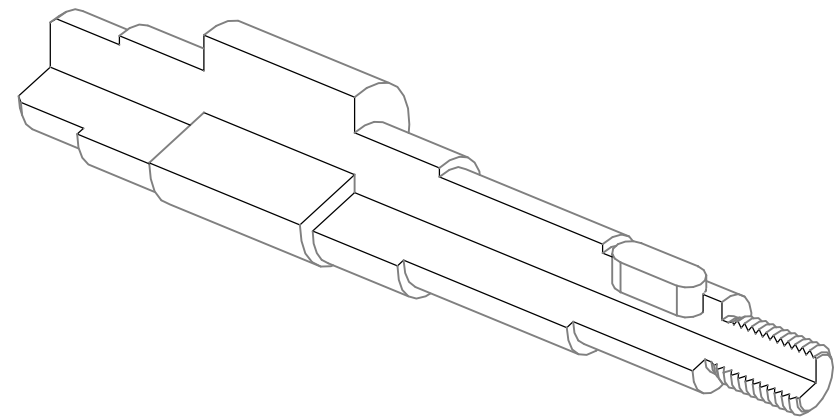
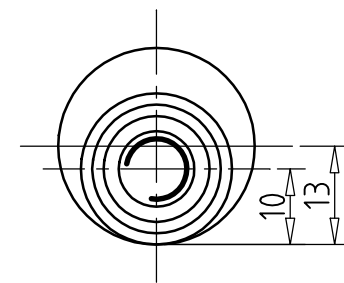
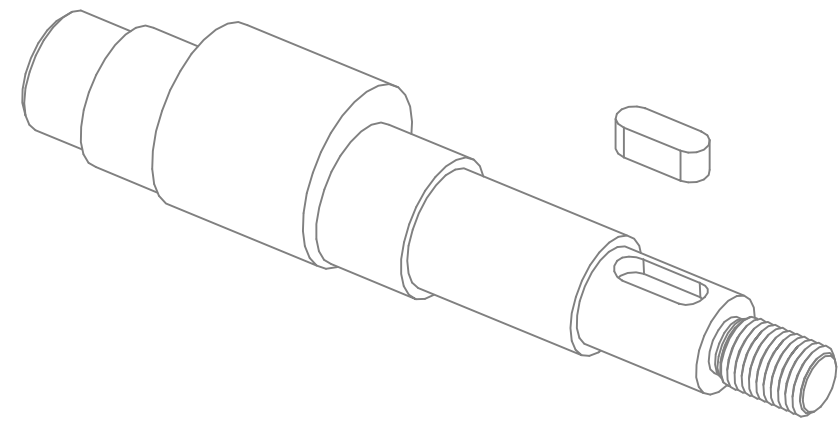
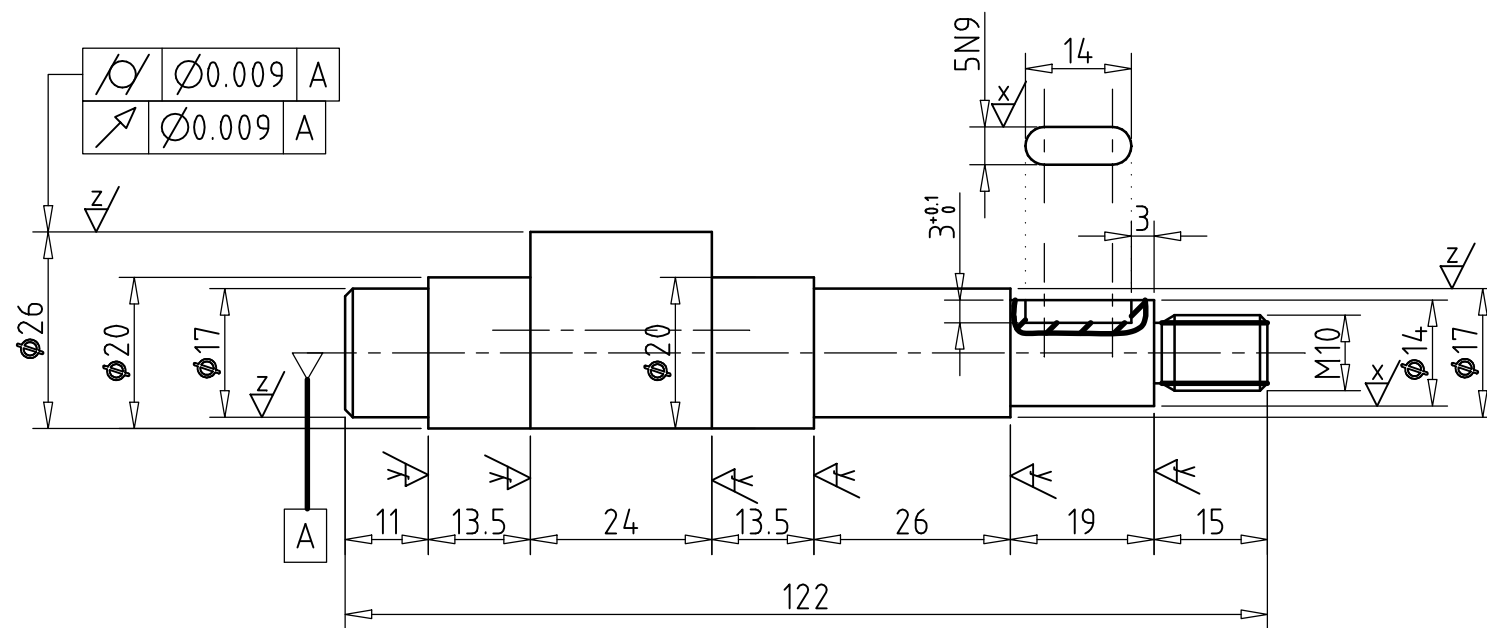
① $\sqrt{\left(\frac{W}{\sqrt{3}}, \frac{X}{\sqrt{3}}, \frac{Y}{\sqrt{3}}\right)}$



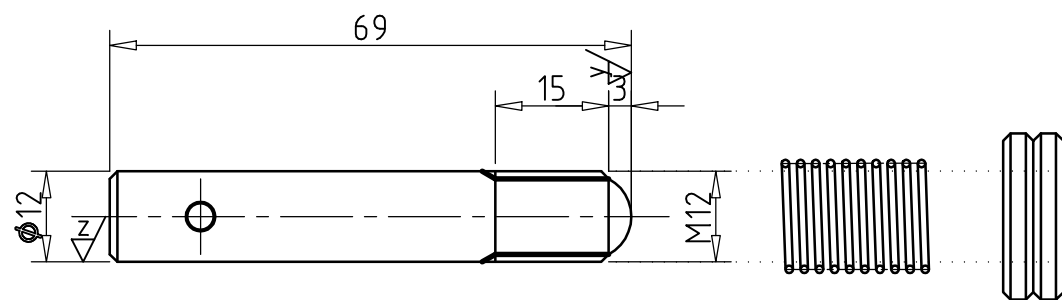
② $\nabla \left(\frac{w}{\nabla}, \frac{y}{\nabla} \right)$

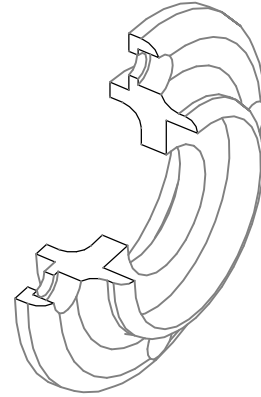
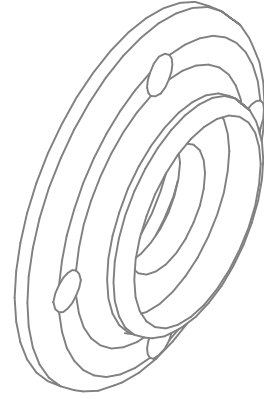
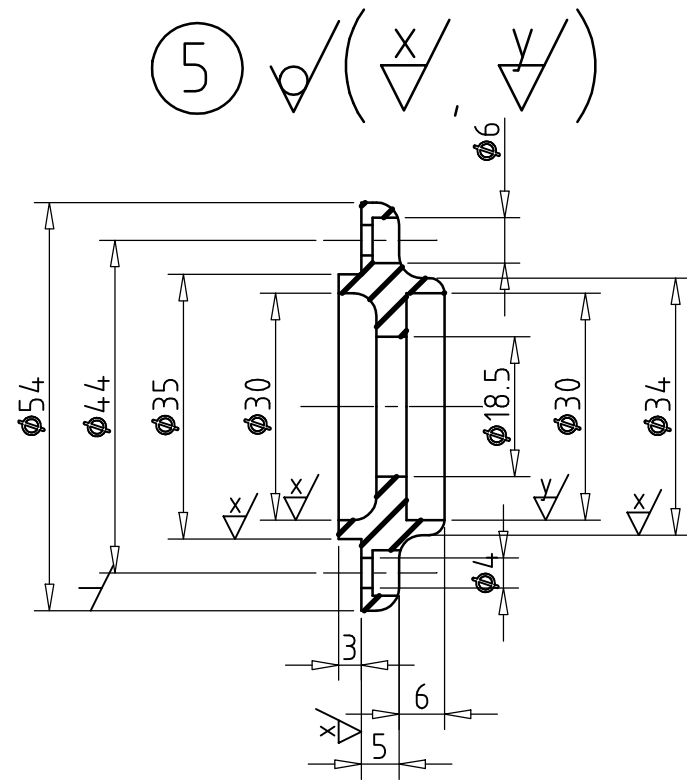
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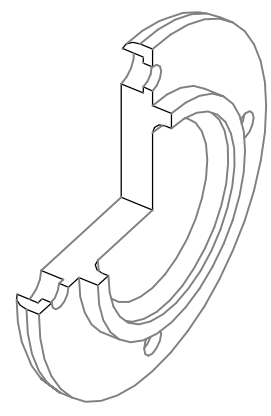
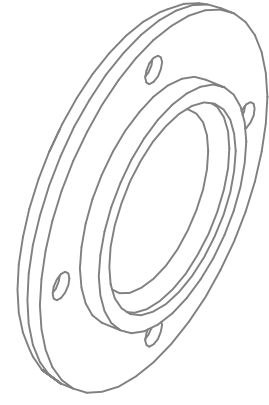
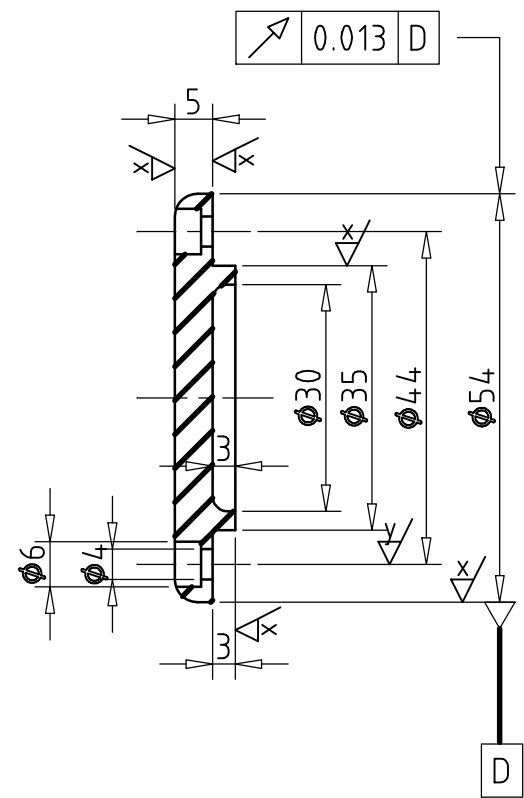
$$\textcircled{3} \quad \nabla x / \left(\nabla y / \nabla z \right)$$


④ $\frac{x}{\nabla} \left(\frac{y}{\nabla}, \frac{z}{\nabla} \right)$

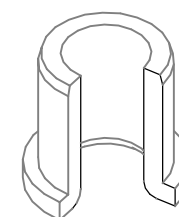
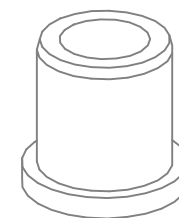
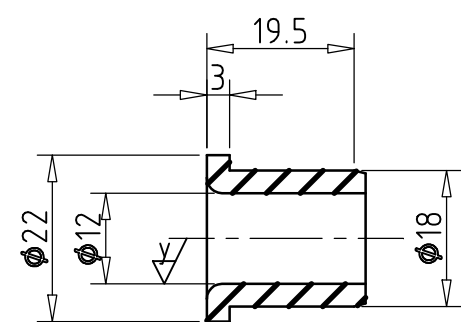




⑥ $\nabla \left(\frac{x}{\nabla}, \frac{y}{\nabla} \right)$



⑦ $\nabla \frac{x}{/} (\nabla \frac{y}{/})$



주 서

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 = 
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도면명	편심구동장치 - 4			각법	삼각법

