

20000000

승인번호 (Approval No) : KS_FD/S_2000 0000 -****

컨스원 내부용 케이스토시스템 강남전시장 설치 설계서

The diagram illustrates a detailed cross-section of a building's exterior wall and roof assembly. The structure consists of multiple vertical glass panels, each with specific glazing properties and thicknesses. The roof is supported by a series of vertical structural elements, and the interior space is defined by a horizontal line at the top of the glass panels.

Roof Assembly (Top):

- Top layer: 15823 (FDRL-115, 117, 118)
- Glazing: 584.5 (참호=584.5)
- Insulation: 562.5 (유리=562.5)
- Thickness: 554.5 (커버 = 554.5)

Wall Assembly (Middle):

- Glazing: 584.5 (참호=584.5)
- Insulation: 562.5 (유리=562.5)
- Thickness: 554.5 (커버 = 554.5)

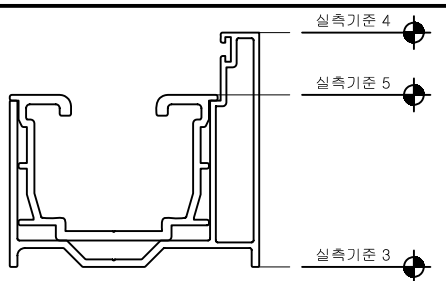
Interior Space (Bottom):

- Glazing: 584.5 (참호=584.5)
- Insulation: 562.5 (유리=562.5)
- Thickness: 554.5 (커버 = 554.5)

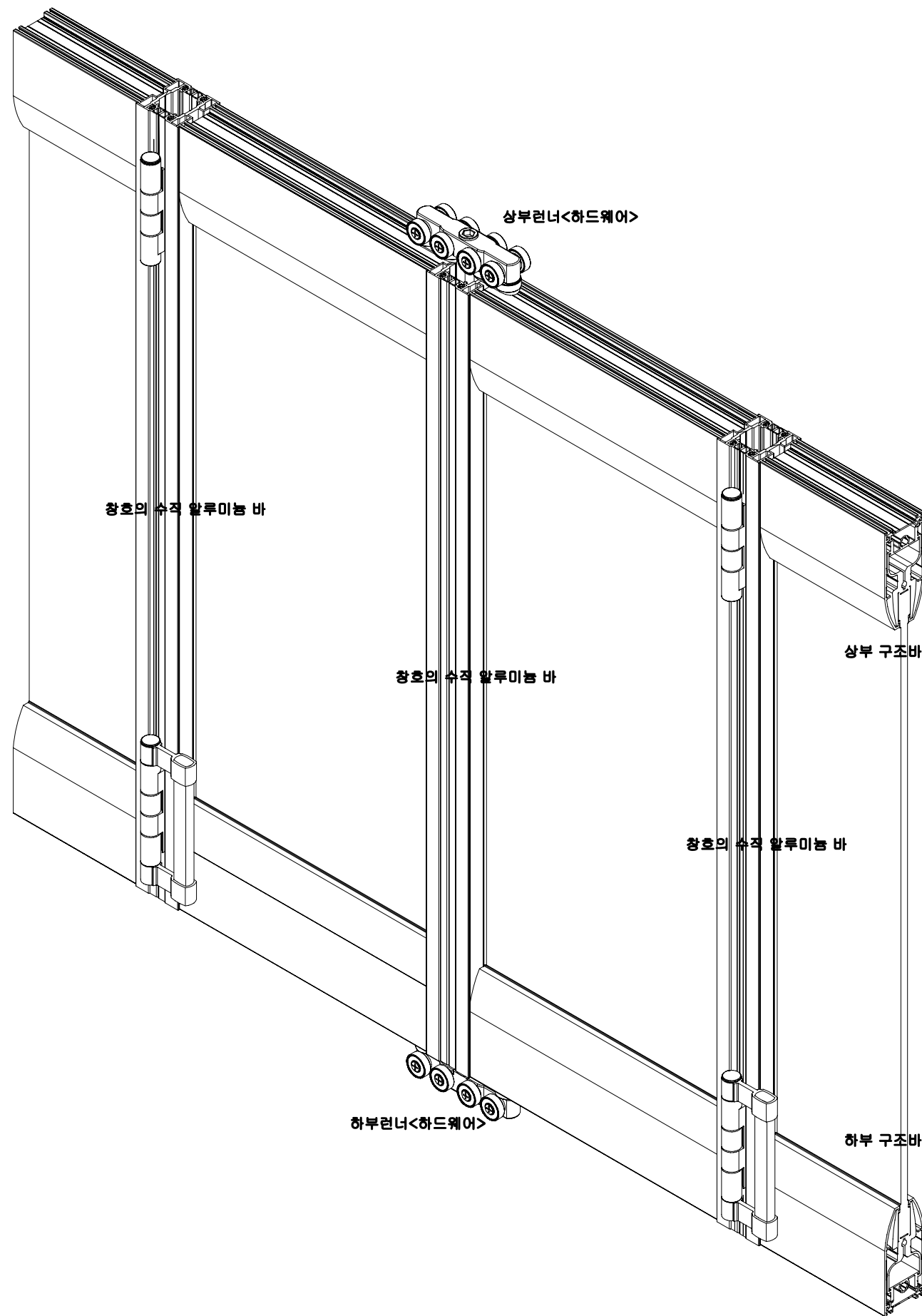
Labels and Dimensions:

- 참호=584.5 (참호=584.5)
- 유리=562.5 (유리=562.5)
- 커버 = 554.5 (커버 = 554.5)
- 마감 강화유리 두께 8mm (마감 강화유리 두께 8mm)
- 노출형 / FDRL-006 = 15823
- FDRL-005 = 15773

하부 적용 : 실측기준 3



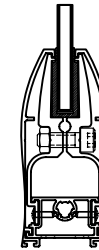
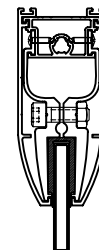
창호입면도
SC | A1 : 1/15
SC | A3 : 1/30



설계해설

1. 구조의 완성방식 : 상, 하부에서 창호의 구조를 완성하는 타입입니다

상부 구조완성 단면도 / 하부 구조완성 단면도



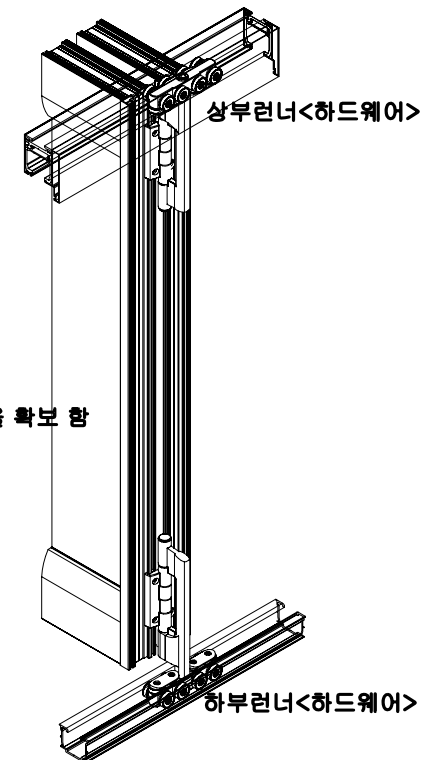
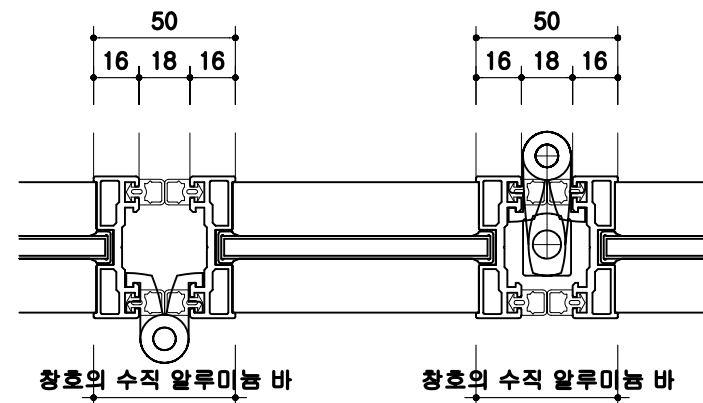
2. 시스템의 안정성 :

상, 하부 병행하중용 러너의 사용으로

구조물의 변형 및 창호의 피로하중에 의한 창호의 구동불량에
충분히 대처토록 설계되었으며 목표 내구년한은 7년

3. 시각적 개방성 확대 :

창호 구성중 수직으로 이루어지는 알루미늄 바를 최소화하여 개방감을 확보 함



4. 밀폐성능 : 수직부 - E.P.D.M 고무 가스킷으로 기능 틈새 -2를 실현
부평부 - 가스킷 및 모헤어 3중 구조로 구성

5. 방법성능 : 1면 선택 시건방식 < 내부 또는 외부 중 선택 >으로 선택되어진 반대측면에서는 개방불가

6. 사용유리 : 단판유리 8mm, 10mm 전용

7. 창호의 허용규격 : 넓이 775mm 높이 3,000mm미만

8. 창호의 안전율 : 최대 규격시 내구년한 7년에 122%

9. 설계기준 : 창호안전설계기준 / 창호안전설계기준 / 창호 열관류기준 / 재사용기준

10. 자료정보 : 조달품목 등록 / 물가정보 / 물가자료 품목 기재

11. 제품명 : 스페셜 초경량 로열 폴딩도어



스페셜 로열 각부해설

SC | A1 : 1/2
SC | A3 : 1/4

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Name of Project

승인요청자료

Note

Drawing

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기술부

Date
2000 ~ 2010

Name of drawing

[2000-00-00085]

Drawing No

File name

Name of Project

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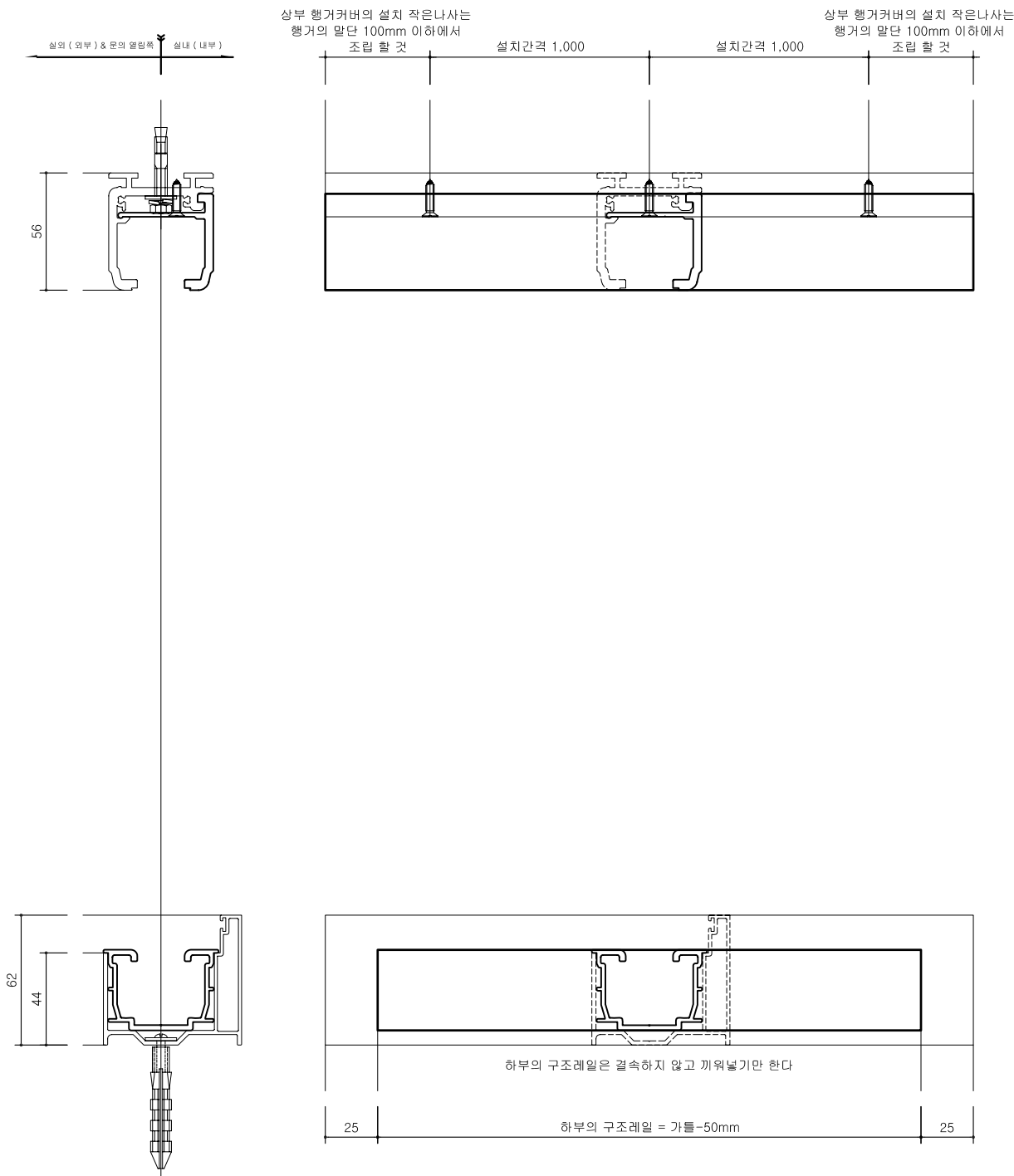
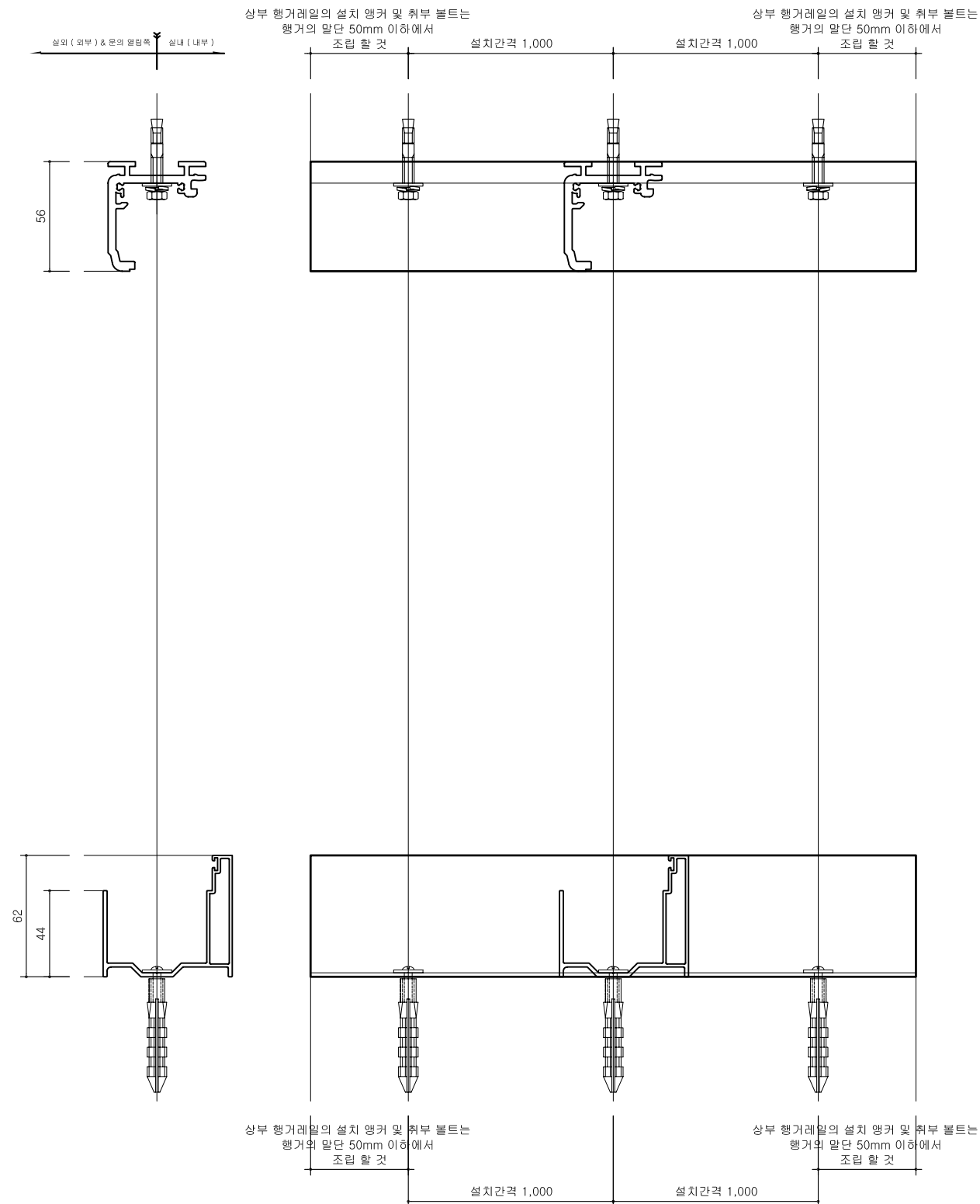
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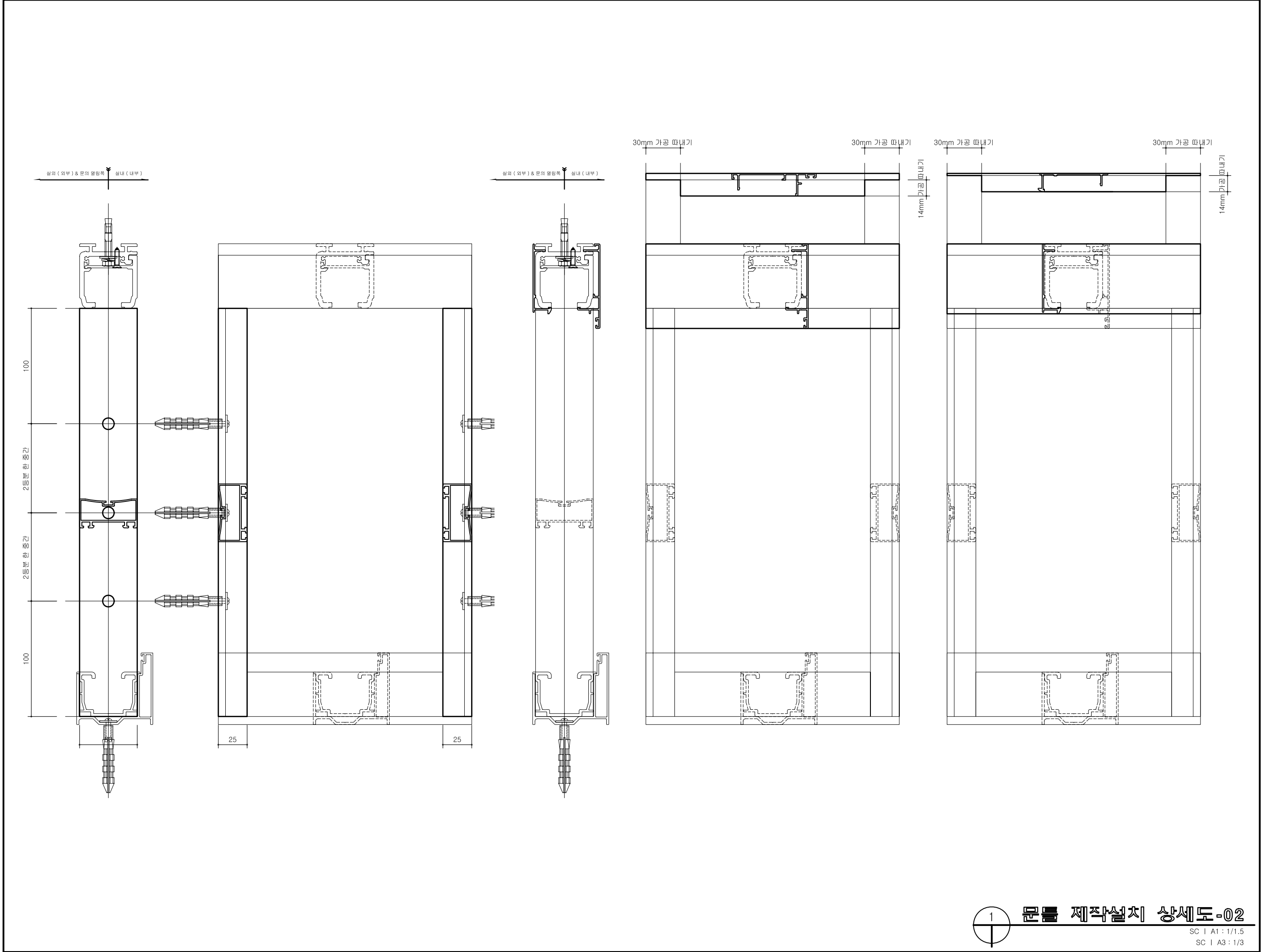
Drawing No

File name



문틀 제작설치 상세도-01

SC | A1 : 1/1.5
SC | A3 : 1/3



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Name of Project

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Date

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Date

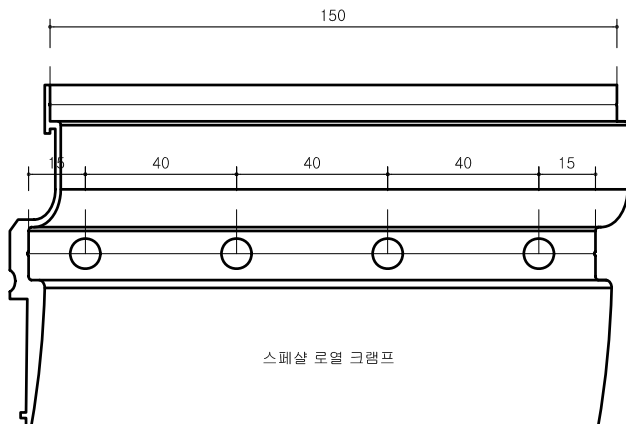
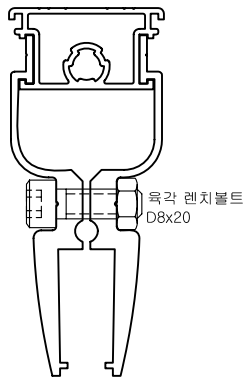
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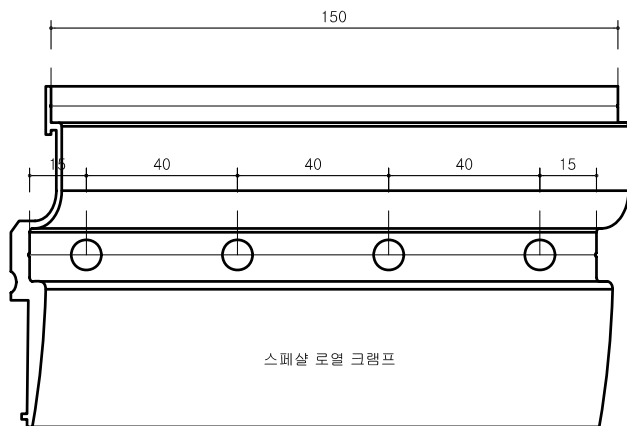
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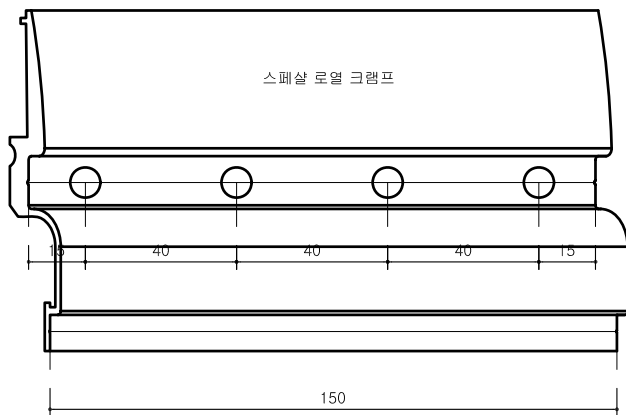
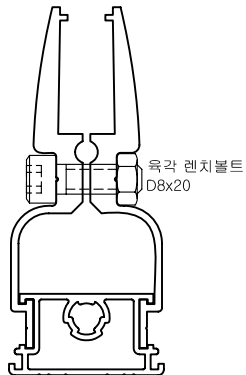


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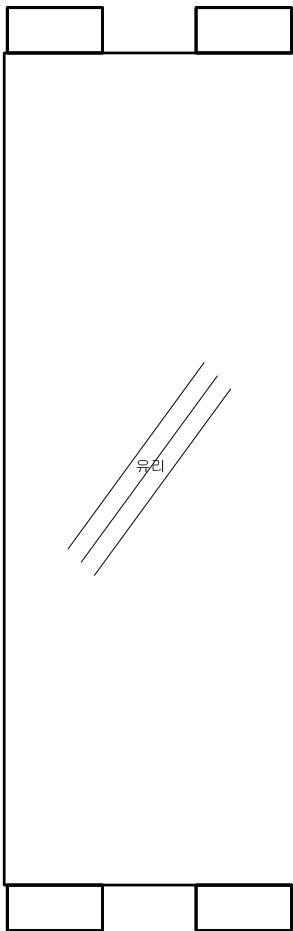


스페셜 로열 크램프

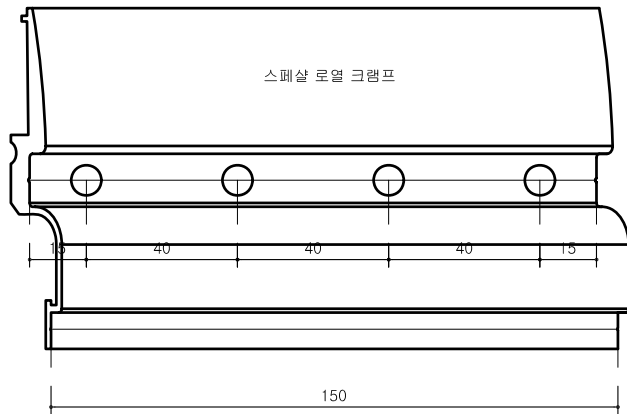
상부 창호 크램프 가공
SC | A1 : 1/1
SC | A3 : 1/2



스페셜 로열 크램프



유리



스페셜 로열 크램프

하부 창호 크램프 가공
SC | A1 : 1/1
SC | A3 : 1/2



창호조립 상세도-1

SC | A1 : 1/1
SC | A3 : 1/2

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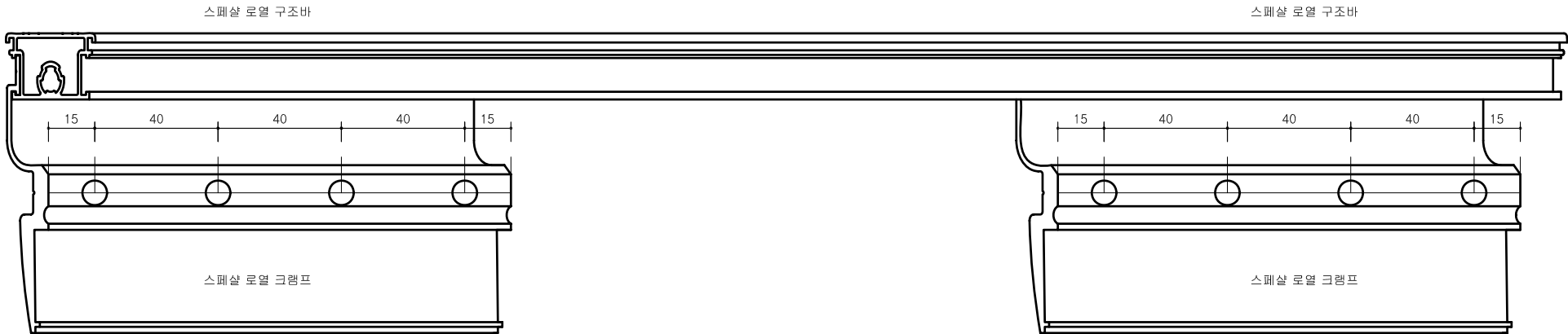
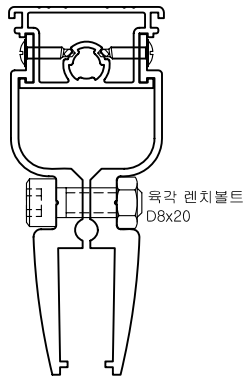
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Name of drawing

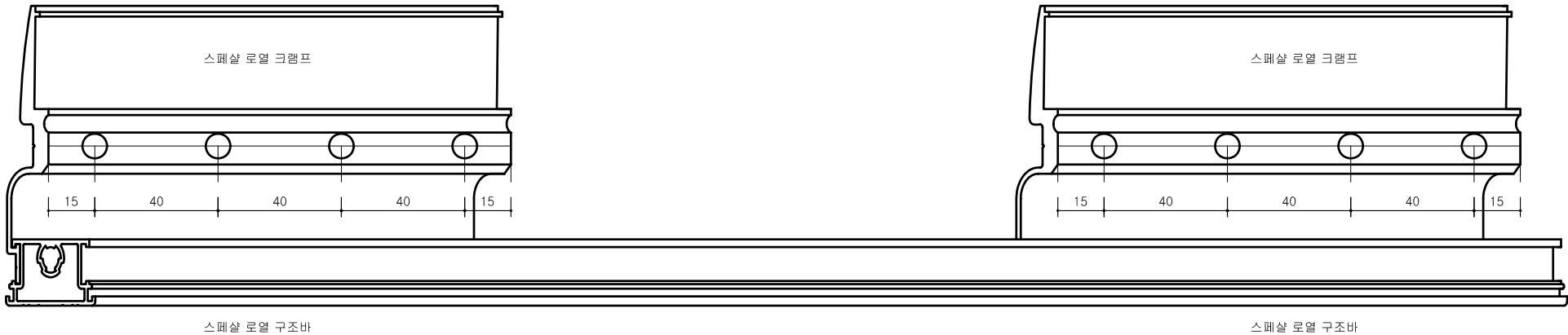
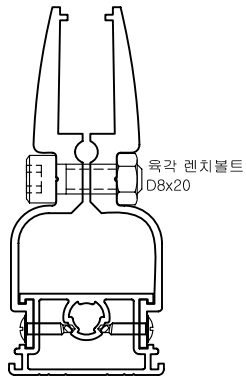
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상부 구조바 가공
SC | A1 : 1/1
SC | A3 : 1/2



하부 구조바 가공
SC | A1 : 1/1
SC | A3 : 1/2



창호조립 상세도-2

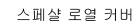
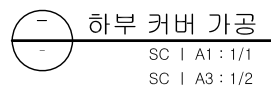
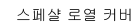
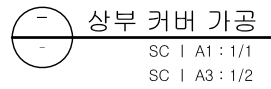
SC | A1 : 1/1
SC | A3 : 1/2



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Drawing



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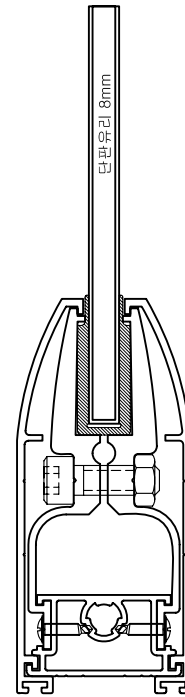
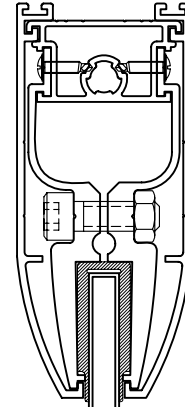
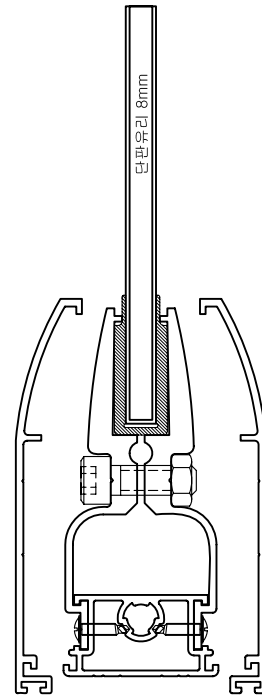
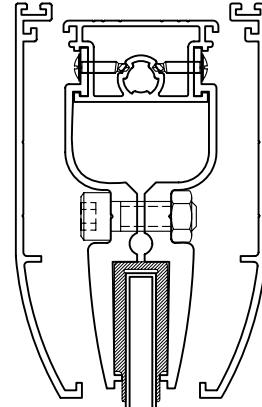
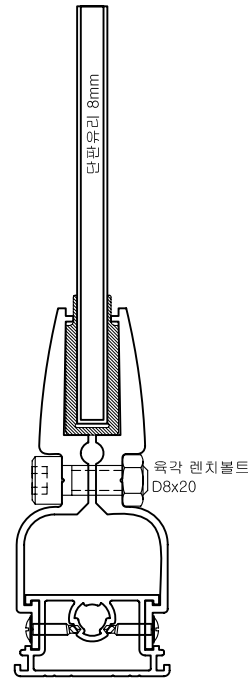
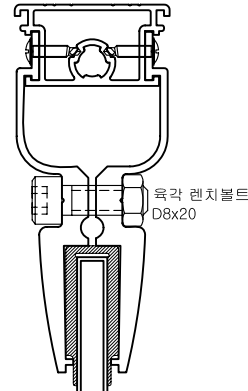
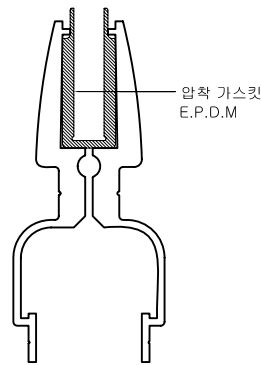
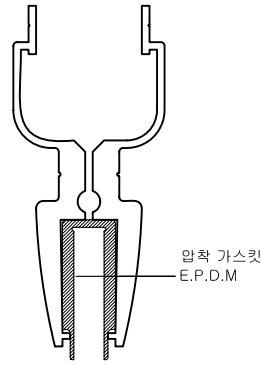
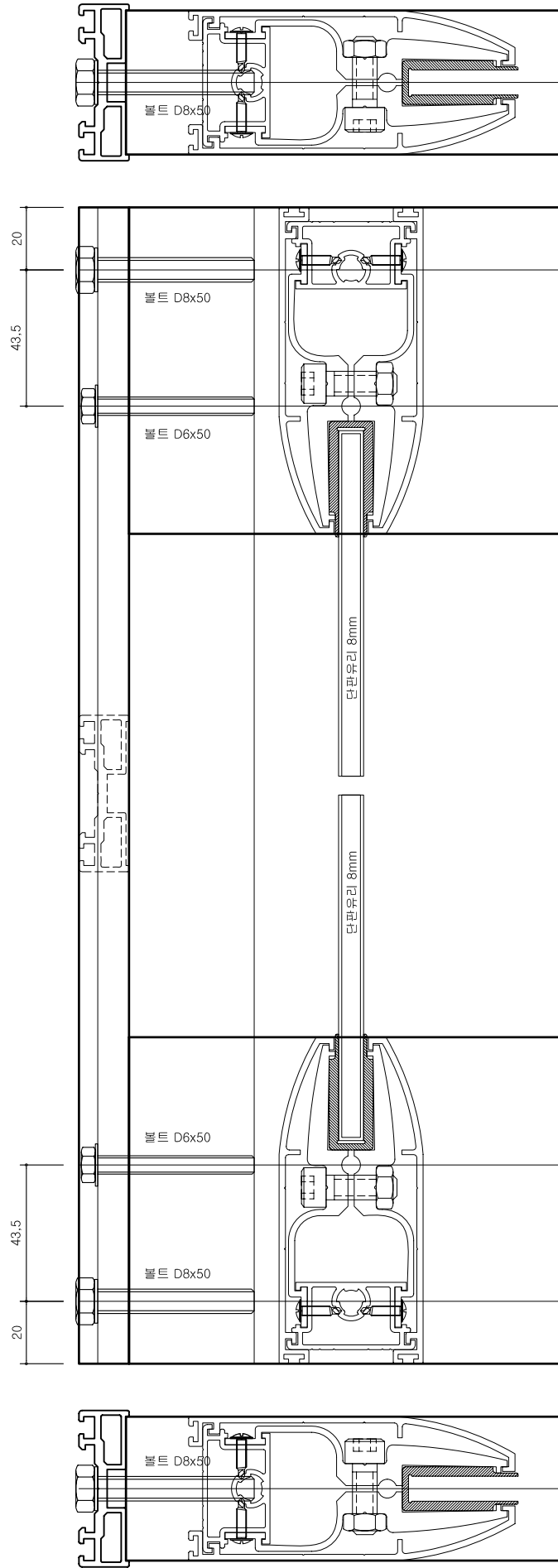
Drawing No

file name



창호조립 상세도-3

SC | A1 : 1/1
SC | A3 : 1/2



창호조립 상세도-4

SC | A1 : 1/1
SC | A3 : 1/2

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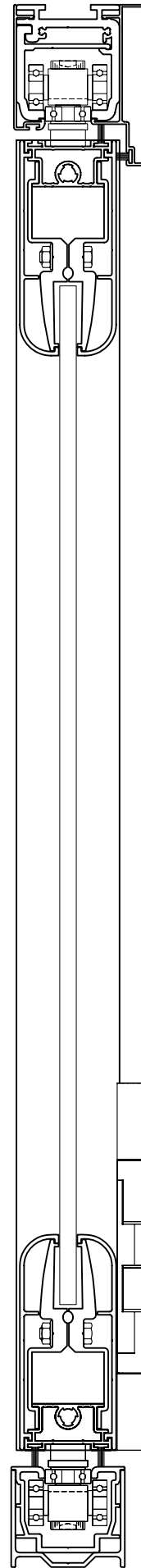
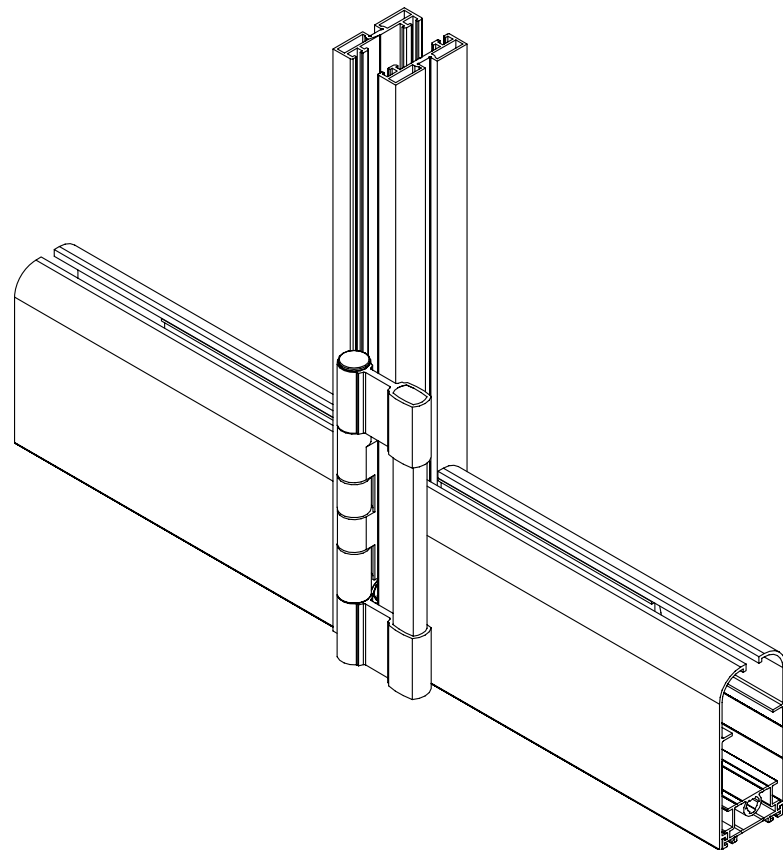
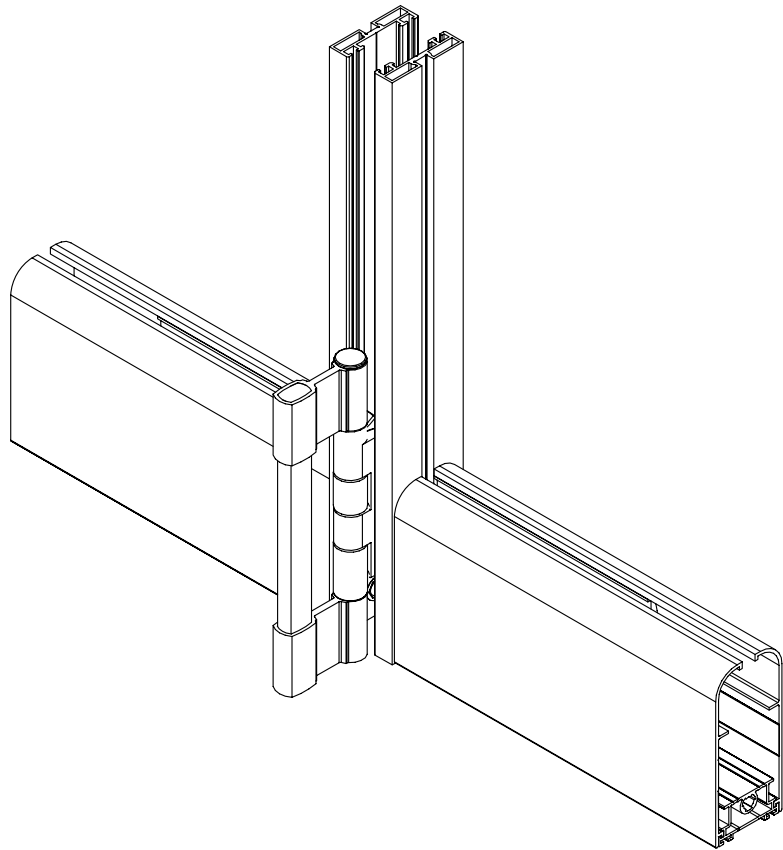
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File name



손잡이 거냥도 / 하부
적용 외부 열림 / 내부열림 손잡이 적용 없음



손잡이 적용 위치 거냥도

SC | A1 : 1/1.5
SC | A3 : 1/3

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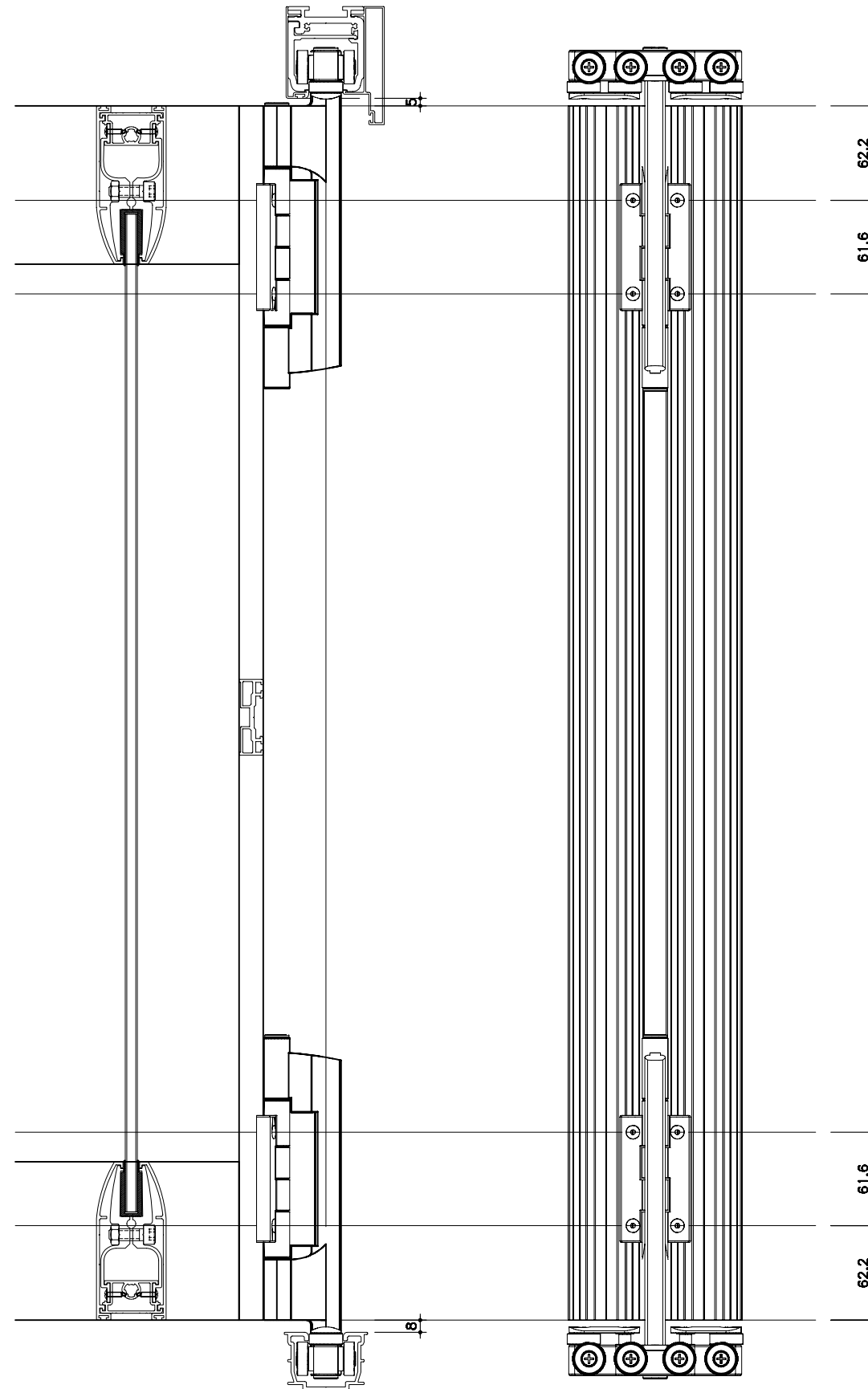
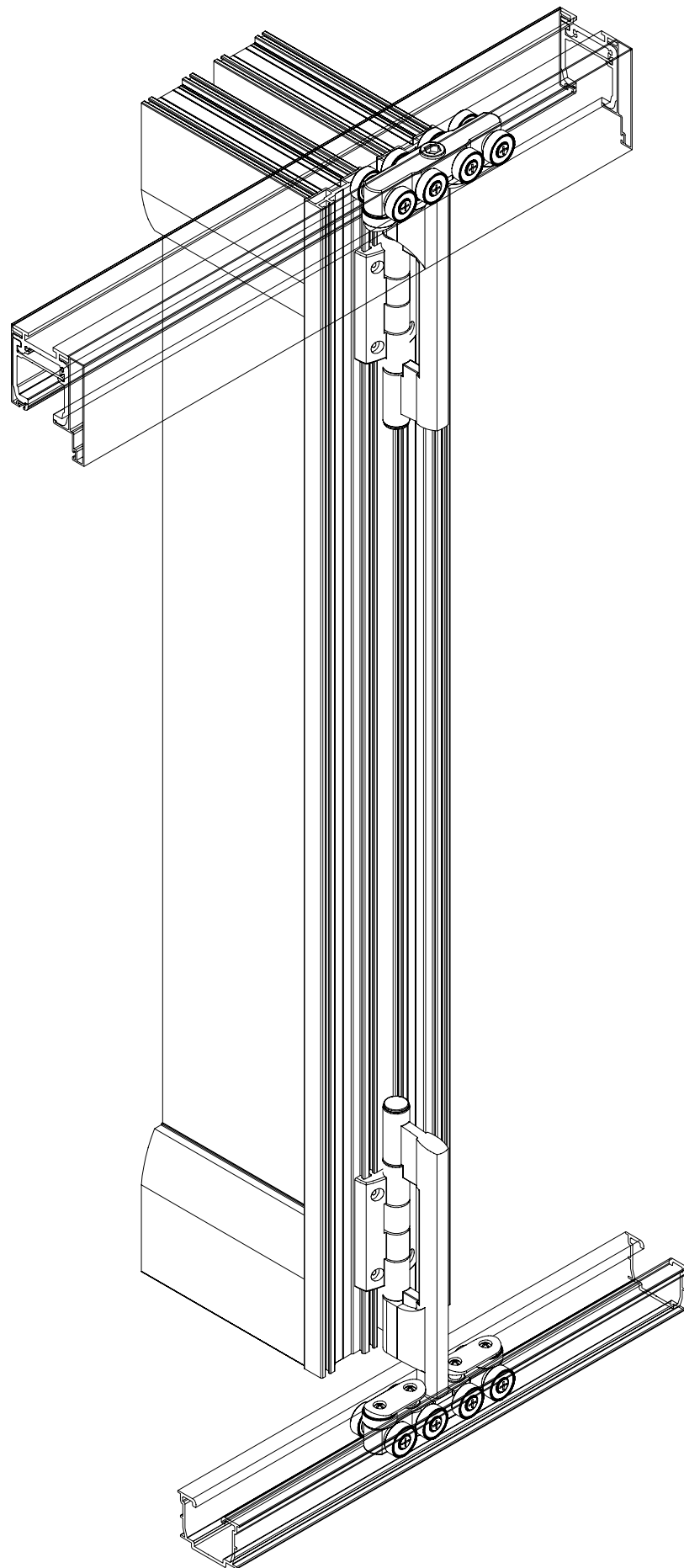
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Date
2000 ~ 2010

Name of drawing
[2000-00-00085]

Drawing No

File name



상, 하 뱁뱁 하중용 하드웨어 적용 상세도

SC | A1 : 1/2
SC | A3 : 1/4

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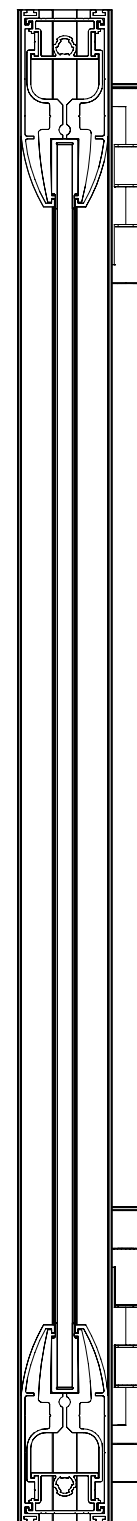
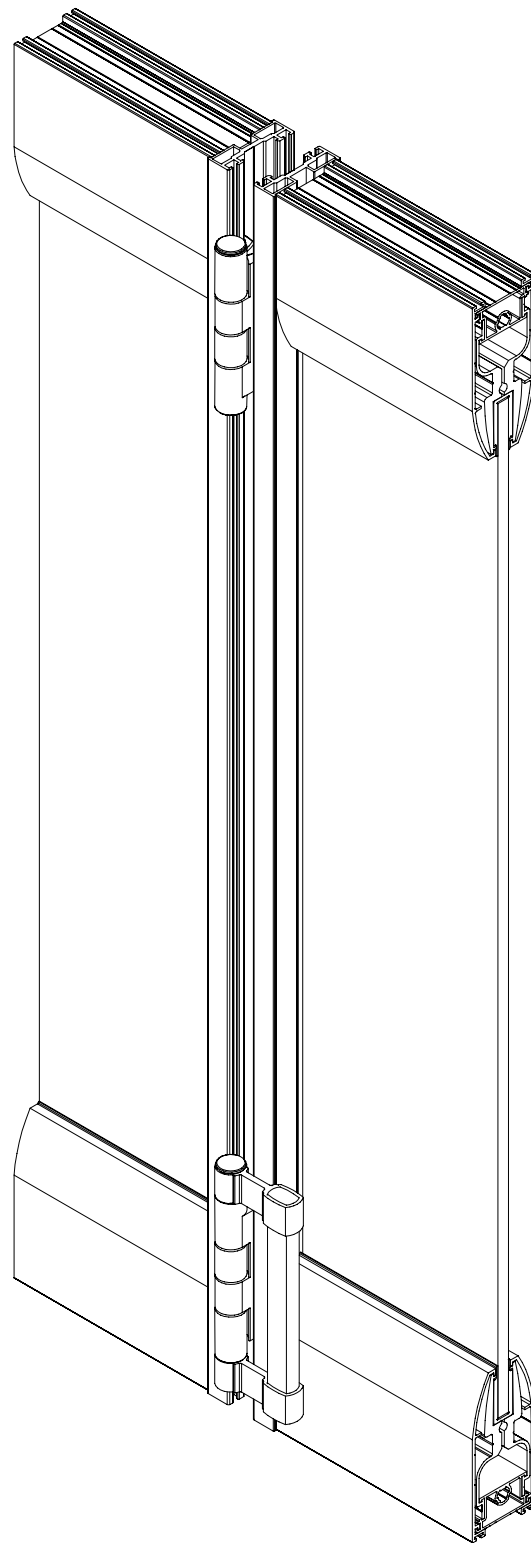
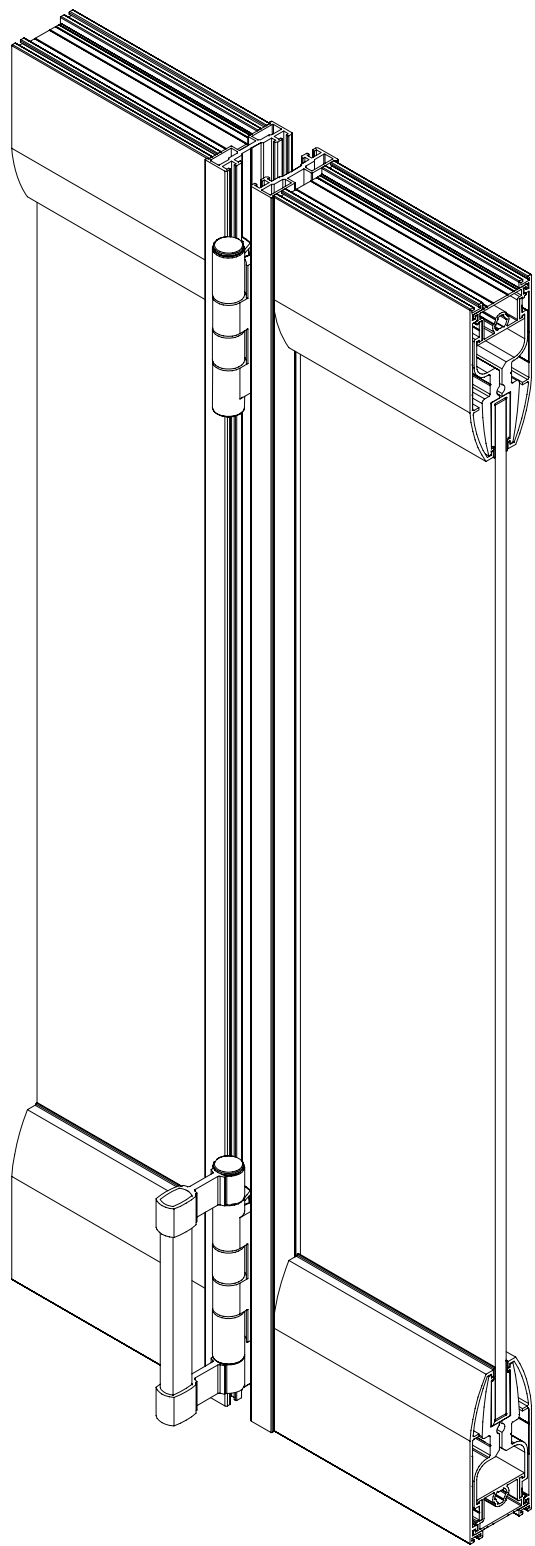
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File name



주기사항

당겨서 여는 시스템에는 손잡이 적용없음
내부열림 방식에는 손잡이 적용없음
폴딩도어 중 출수문짝은 손잡이 적용없음

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143.6
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손잡이 적용위치 겨냥도

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SC | A3 : 1/4

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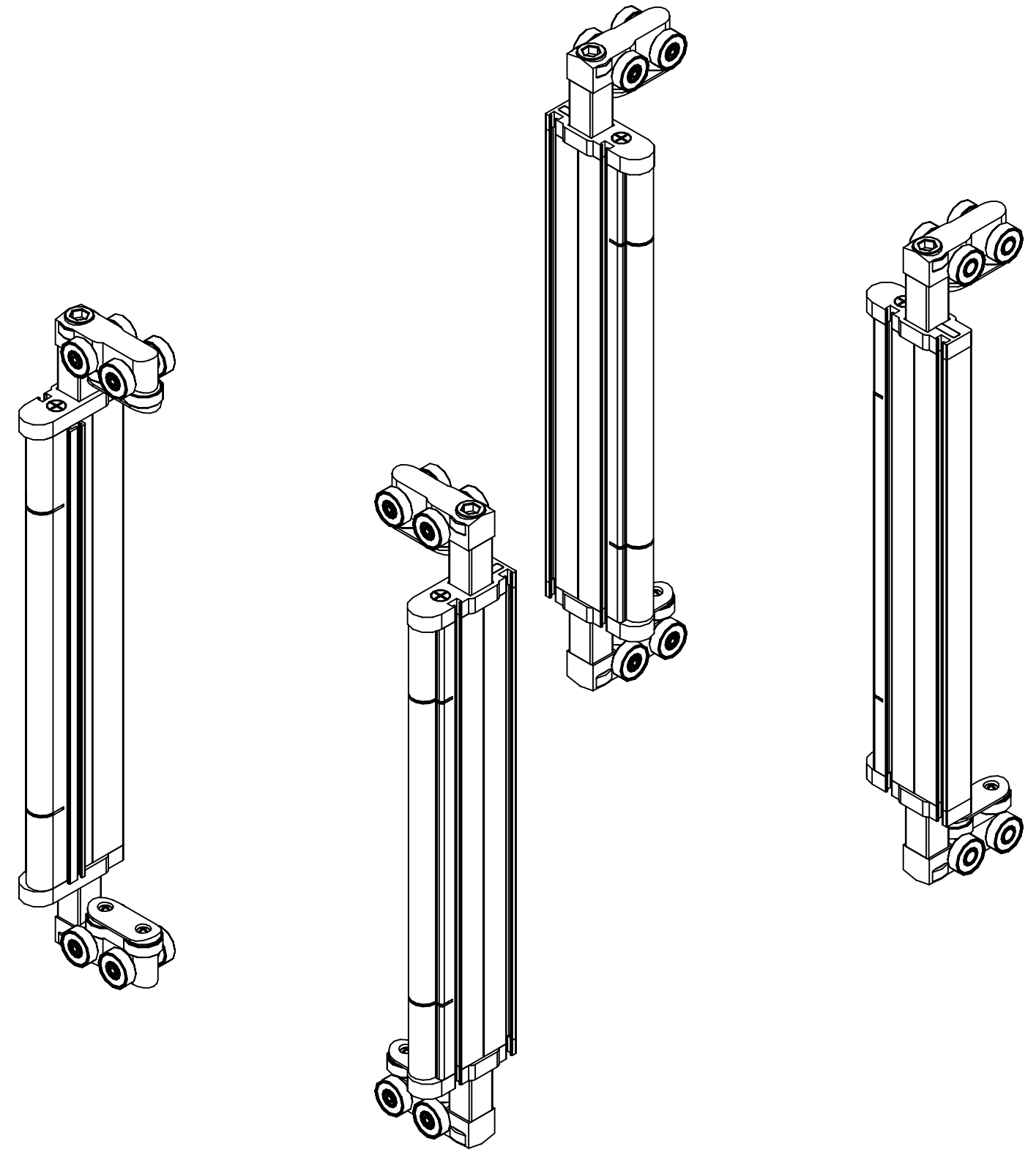
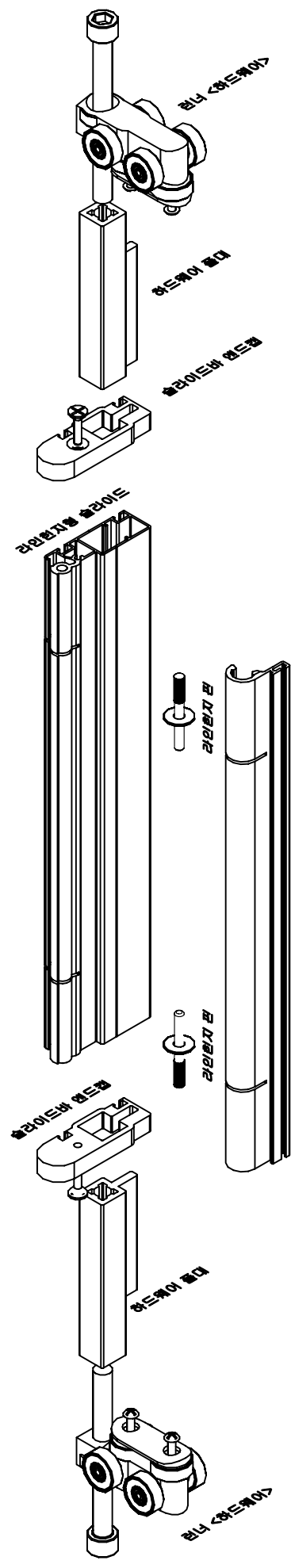
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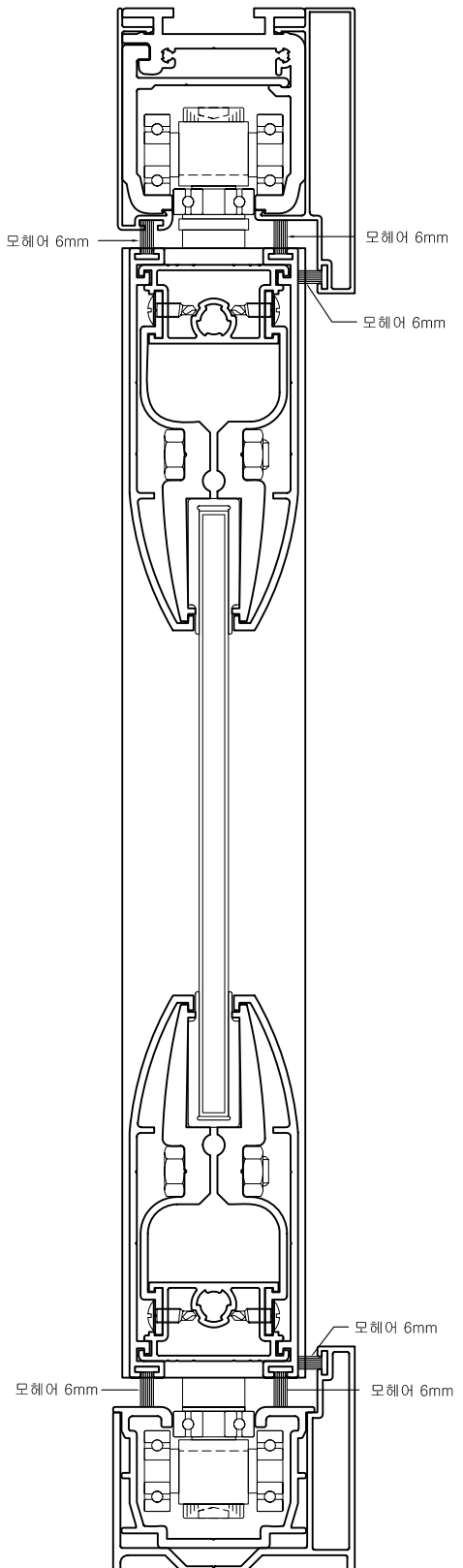
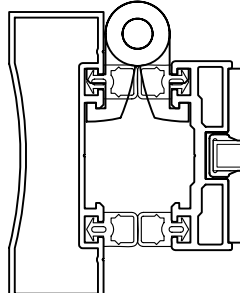
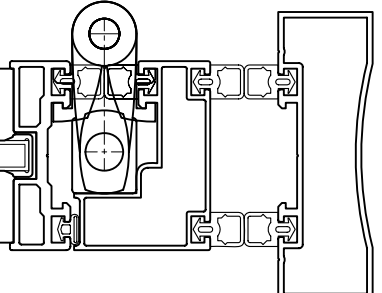
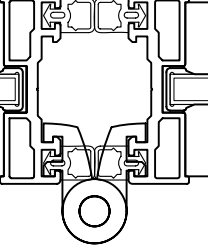
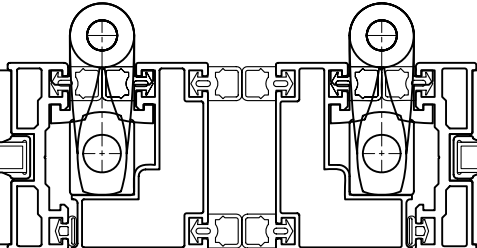
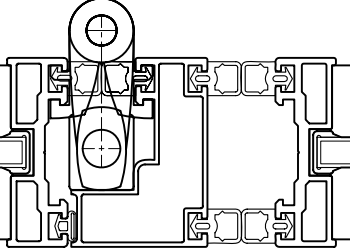
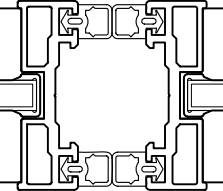
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Drawing No

File name



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Date	2000 ~ 2010
Name of drawing	[2000-00-00085]
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File name	

문틀 수직마감부 상세	문틀 수직 부	문틀 슬라이딩 밀착 부	
			
	창호 접합 부	중앙 밀착 부	
			
	중앙 편개 프로젝트 부	중앙 양개 프로젝트 부	
			



밀폐자재 구성도

SC | A1 : 1/1
SC | A3 : 1/2

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Date

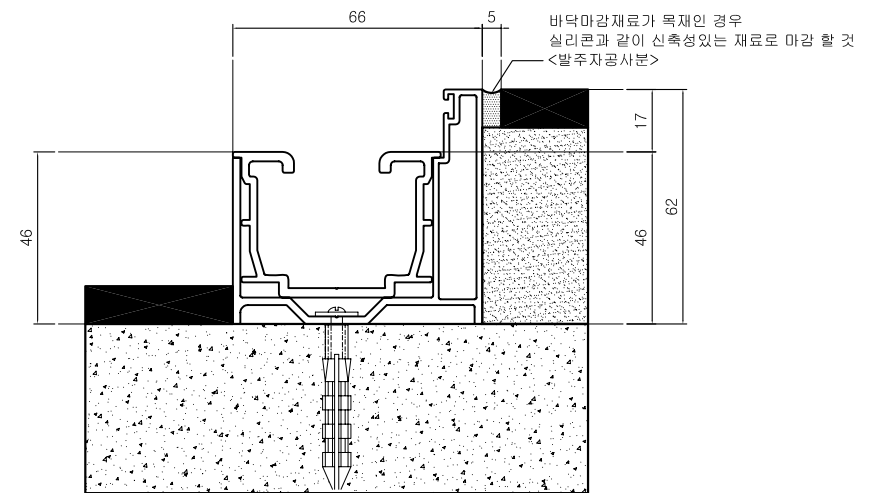
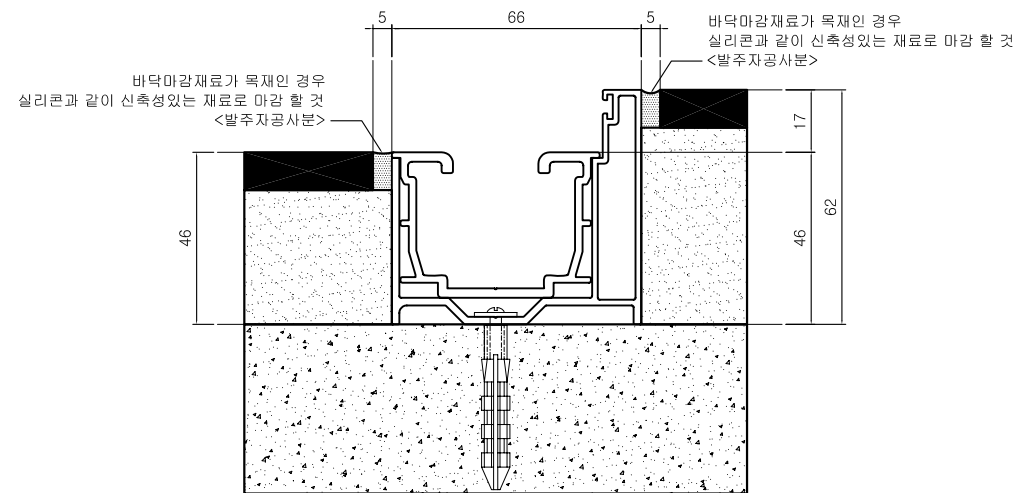
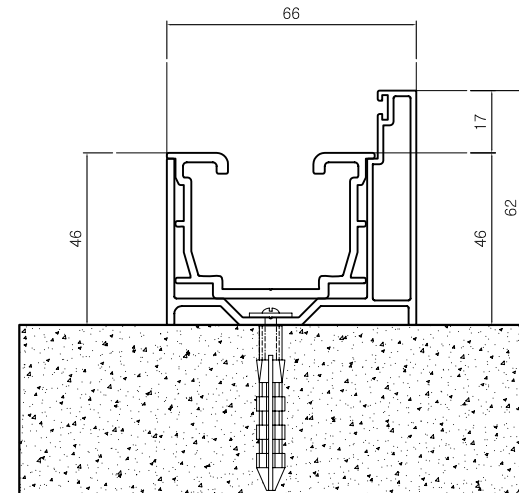
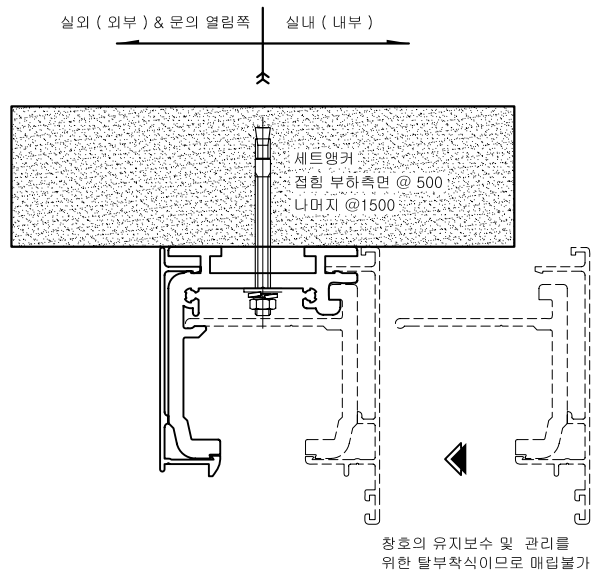
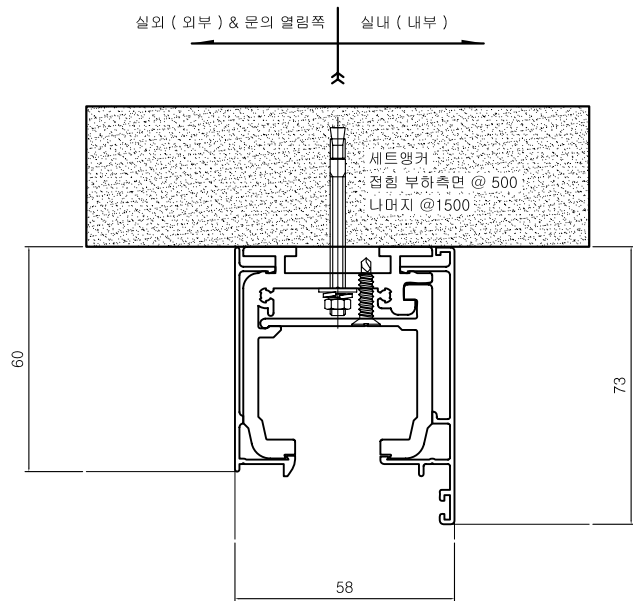
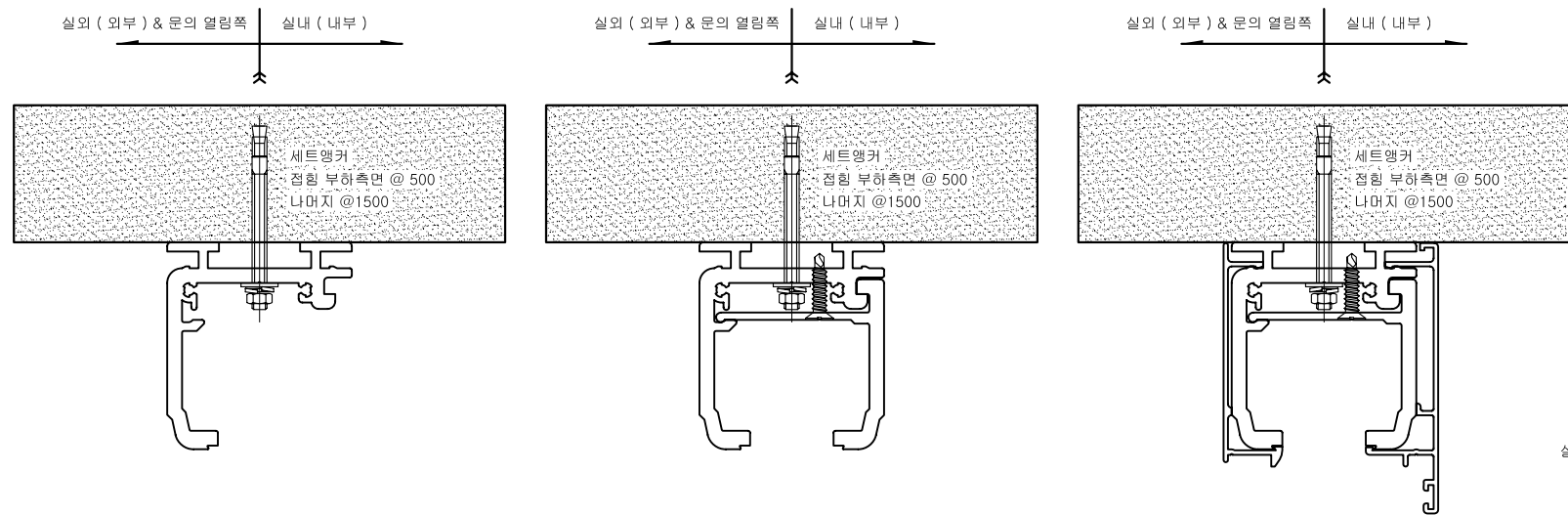
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Name of drawing

[2000-00-00085]

Drawing No

File name



상, 하부 마감 상세도

SC | A1 : 1/1
SC | A3 : 1/2

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Note

Drawing

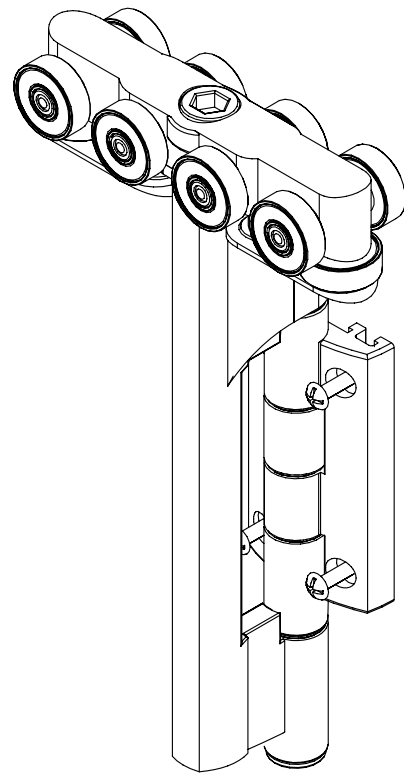
KS.TOSTEN
기술부

Date
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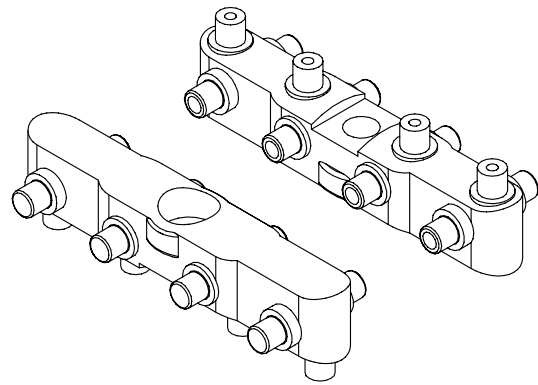
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Drawing No

File name

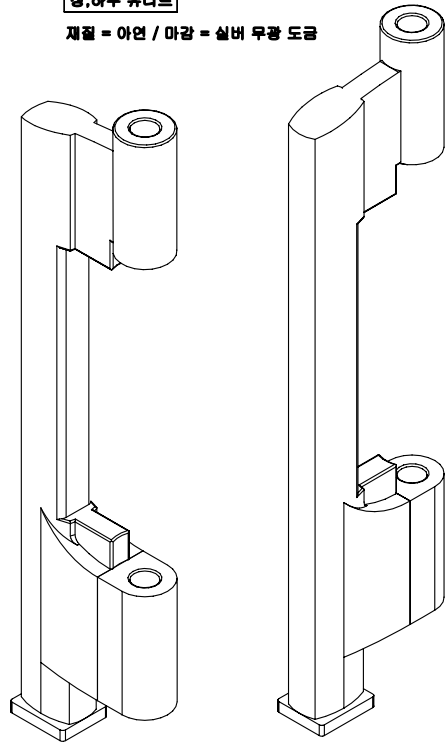


상부 하드웨어



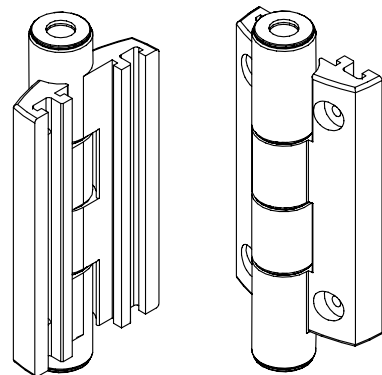
상,하부 유닛

재질 = 아연 / 마강 = 실버 무광 도금



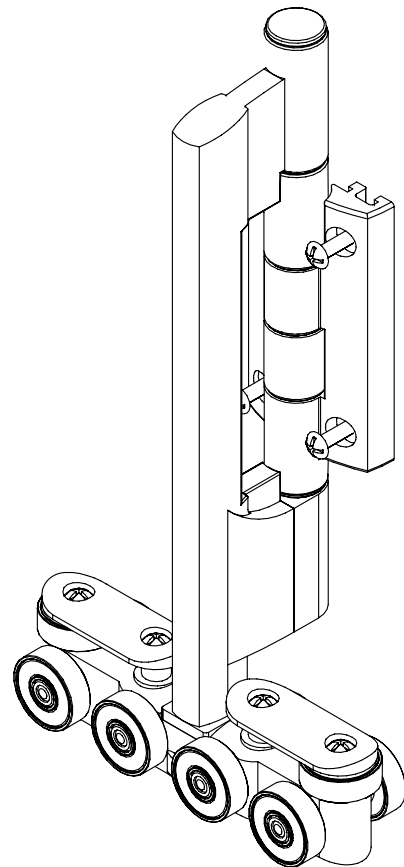
하드웨어 프레임

재질 = 아연 / 마강 = 광택색상과 동일한 도장



시스템 프레임

재질 = 아연 / 마강 = 광택색상과 동일한 도장

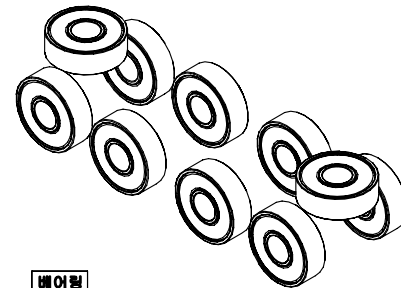


상부 하드웨어



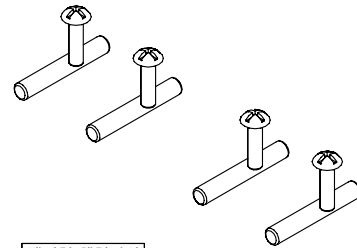
롤러 커버

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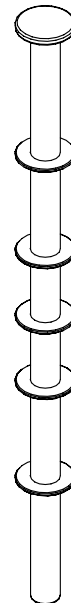
롤러

재질 = 스테인레스 / 외경 22 : 내경 8 (mm)



롤러 체결 나사

재질 = 스테인레스 / 수평 체결 8개소 무드볼트 #5 x 35mm 로열을 삽입용
수직 체결 4개소 #4 x 15mm



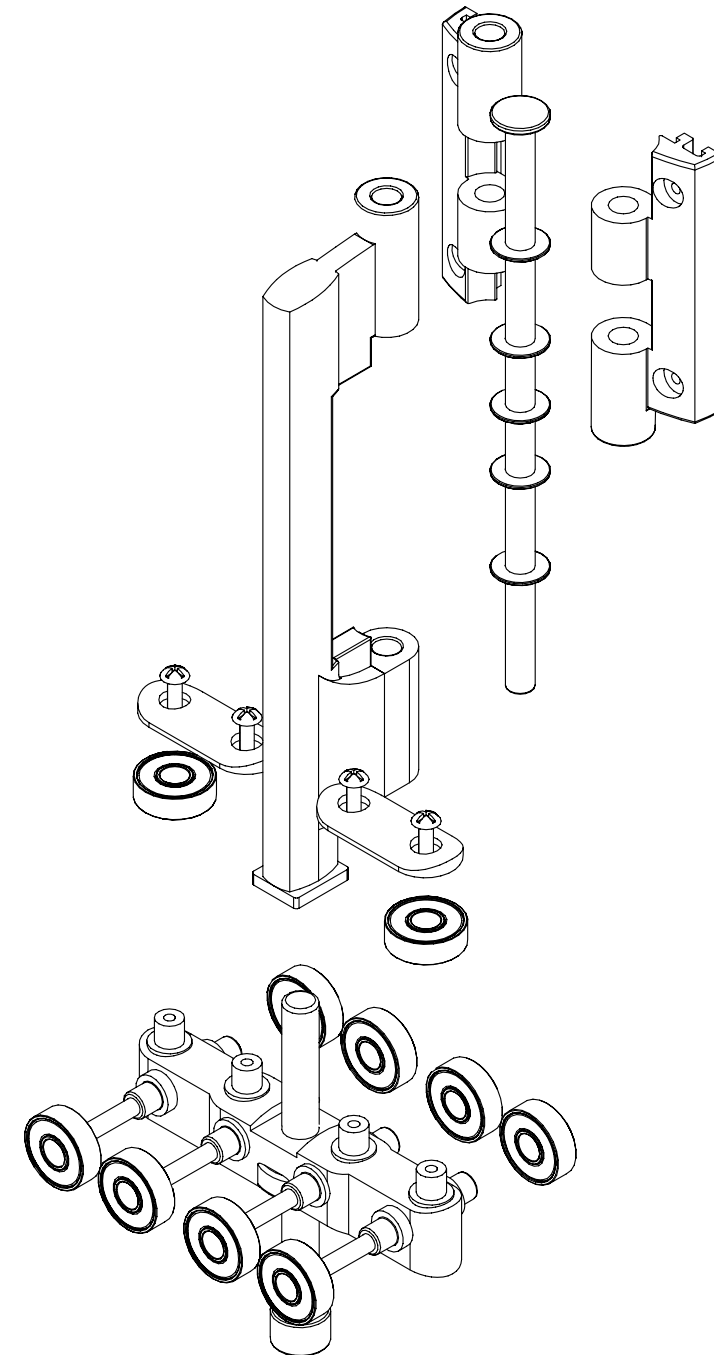
슬러스트 와셔 및 결현 프레임

재질 = 스테인레스 / 슬러스트 와셔 내경 8mm x 외경 16mm 두께 1mm
결현 프레임 직경 7.9mm x 길이 184mm



유닛 + 프레임 체결 볼트

재질 = 스테인레스 / D 10 x 100mm



하드웨어 표준 자재표

SC | A1 : 1/1
SC | A3 : 1/2

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Drawing

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