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# \BASIC ELEMENTS

INTRODUCTION

APPLICATION EXAMPLE



대표이사 인사말씀

# CEO Message



## 안녕하십니까

저희 (주)다우텍 방문을 진심으로 환영합니다.

(주)다우텍은 LCD장비의 호황과 고객의 다양한 수요에 대응하고자 2006년 1월 설립하였습니다.

21세기 기업은 창조력과 정보력 그리고 끊임없는 사고력과 노력만이 생산요소로 작용합니다.

(주)다우텍이 추구하는 비전은 “ 성실과 노력에 의한 가치 극대화 ” 에 있습니다.

목표달성을 위한 회사 구성 요소간의 이해, 협조, 친화 분위기는 회사 발전의 밑거름이 될 것입니다.

앞으로 (주)다우텍은 임직원 간의 신뢰와 믿음 그리고 거래회사와의 유기적 관계를 더욱 돈독하게 다져나갈 것입니다.

(주)다우텍은 향후 LCD장비관련 사업의 확대는 물론 고객을 만족시키는 회사로 발전하기 위하여 모든 임직원이 적극 노력할 것입니다. 아낌없는 격려와 성원을 보내주시기 바랍니다.

감사합니다.

(주)다우텍  
대표이사 고영호

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회사의 개요

# Company Profile

## 회사개요

- 회 사 명      주식회사 다우텍
- 대표이사     고영호
- 설립년도    2006년 1월
- 자 본 금     2억원
- 임 직 원     32명
- 생산품목    LCD 자동화장비  
AL PROFILE 구조물  
기타 신규사업
  
- 본사공장    경기도 용인시 처인구 모현면 일산리 548-2



■ 본사전경



■ clean room



■ DIVERTER CONVEYOR



■ CLEAN CONVEYOR



■ CLEAN TUNNEL CONVEYOR WITH DOOR



■ CENTERING UNIT 조립과정



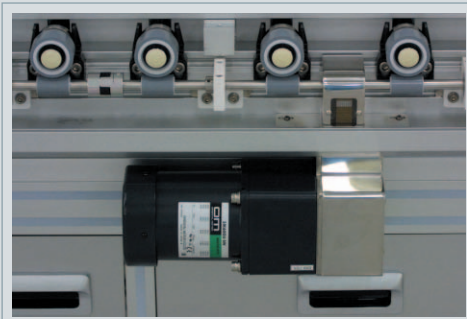


■ CENTERING CONVEYOR 조립과정

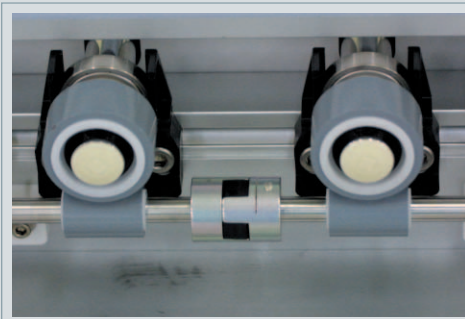


■ DIVERTER UNIT & ROLLER CONVEYOR 조립과정





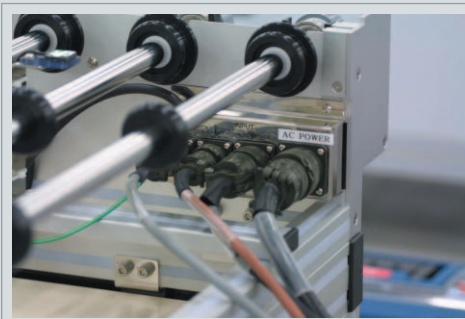
DIVERter UNIT 조립된 상태



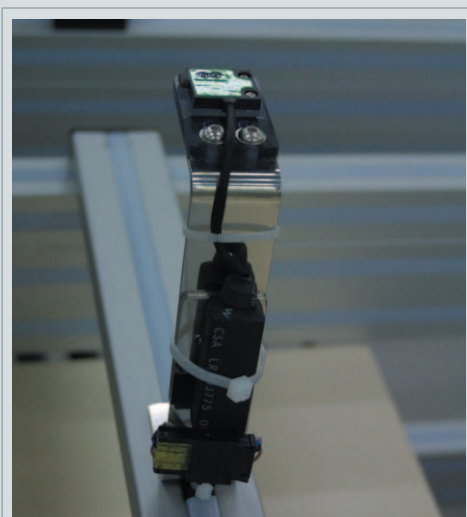
DRIVE & SHAFT MAGNET 조립된 상태



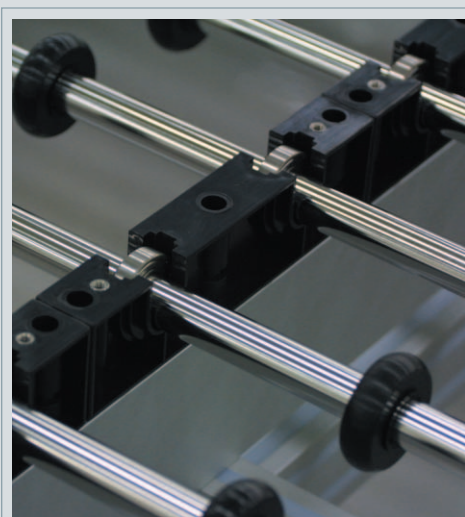
CLEAN CONVEYOR  
PNUMATIC COLTROL BOX



CONVEYOR CONNEC POWER CABLE



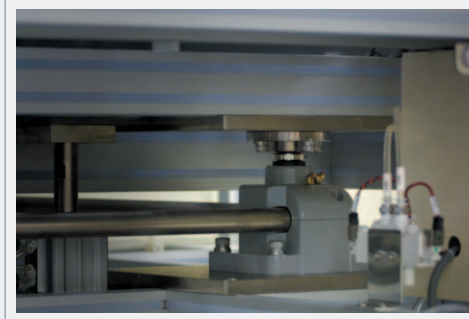
GLASS 감지 SENSOR



MIDDLE BEARING HOLDER



DIVERTER UNIT 내부모습



수평 UP & DOWN을 위한 POWER BASE



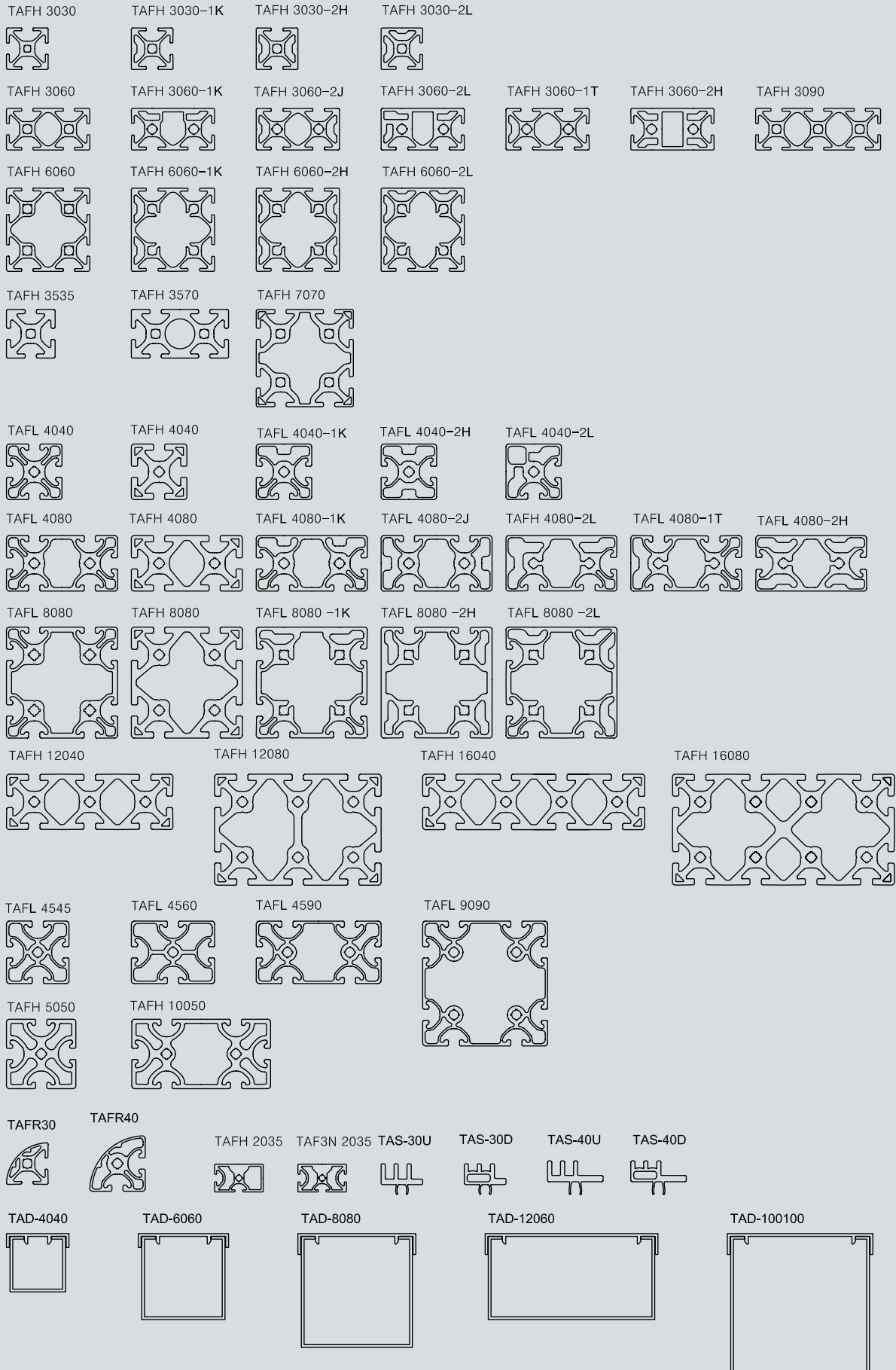
세정작업

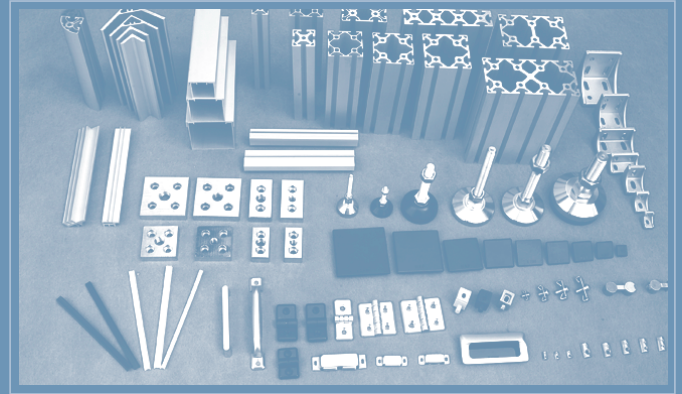


조립완성된 CLEAN CONVEYOR



## PROFILE SYSTEM 일람도





## PROFILE SYSTEM

### 16 \ 30 SERIES

TAFH3030  
TAFH3030-1K  
TAFH3030-2H  
TAFH3030-2L  
TAFH3060  
TAFH3060-1K  
TAFH3060-2J  
TAFH3060-2L  
TAFH3060-1T  
TAFH3060-2H  
TAFH3090  
TAFH6060  
TAFH6060-1K  
TAFH6060-2H  
TAFH6060-2L

### 31 \ 35 SERIES

TAFH3535  
TAFH3570  
TAFH7070

### 34 \ 40 SERIES

TAFH4040  
TAFH4040  
TAFH4040-1K  
TAFH4040-2H  
TAFH4040-2L  
TAFH4080  
TAFH4080  
TAFH4080-1K  
TAFH4080-2J  
TAFH4080-2L  
TAFH4080-1T  
TAFH4080-2H  
TAFH8080  
TAFH8080  
TAFH8080-1K  
TAFH8080-2H

TAFH8080-2L  
TAFH12040  
TAFH12080  
TAFH16040  
TAFH16080

### 55 \ 45 SERIES

TAFH4545  
TAFH4560  
TAFH4590  
TAFH9090

### 59 \ 50 SERIES

TAFH5050  
TAFH10050

### 61 \ ROUND SERIES

TAFR30  
TAFR40

### \ DOOR SERIES

TAFH2035  
TAFH3N2035  
TAS-30U  
TAS-30D  
TAS-40U  
TAS-40D

### 69 \ DUCT SERIES

TAD4040  
TAD6060  
TAD8080  
TAD100100  
TAD12060

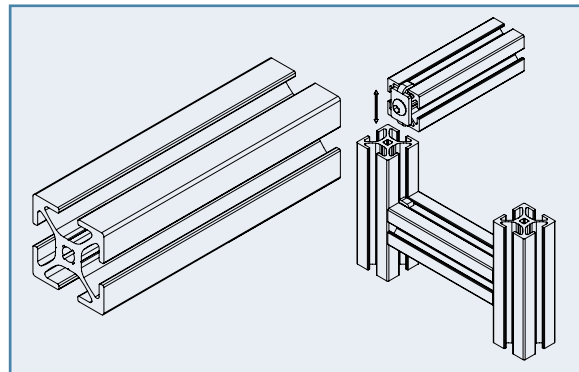
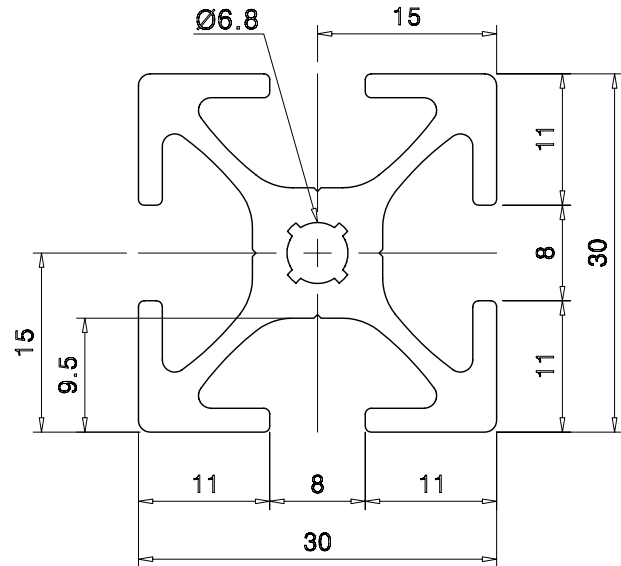
### 71 \ Technical Data

처짐량 계산방법  
(Calculation of Deflection)

## PROFILE SYSTEM

## 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용<br>규격 | TAHF3030 APPLICATION SPEC          |      |       |
|----------|------------------------------------|------|-------|
|          | Part name                          | SPEC | PAGE  |
|          | NUT : TBN3, TBN4, TBN5, TBN6, TBN8 |      | 78    |
|          | JOINT : TSJ30, TUJ                 |      | 79,80 |
|          | END CAP : TEC3030                  |      | 94    |

**TAFH3030**

| 기술 DATA |

|       |                                  |
|-------|----------------------------------|
| 재질    | AL합금(A6N01s-T5)                  |
| 표면처리  | Silver Anodized / Black Anodized |
| 단면 2차 | - l x = 3,27cm <sup>4</sup>      |
| 모멘트   | - l y = 3,27cm <sup>4</sup>      |
| 단면적   | 353,5mm <sup>2</sup>             |
| 단중량   | 1,03kg/m                         |
| 용도    | Cover Frame<br>경하중용 Table, 구조물   |
| 최대길이  | 6M                               |

## I TECHNICAL DATA I

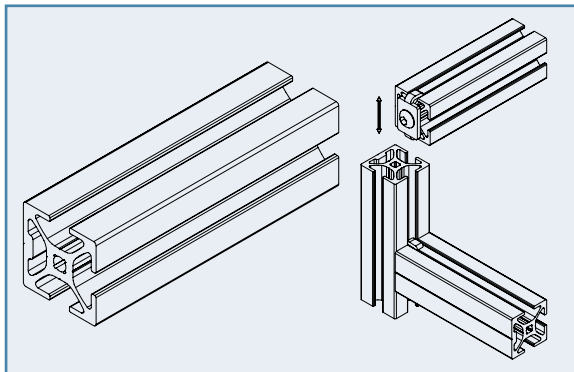
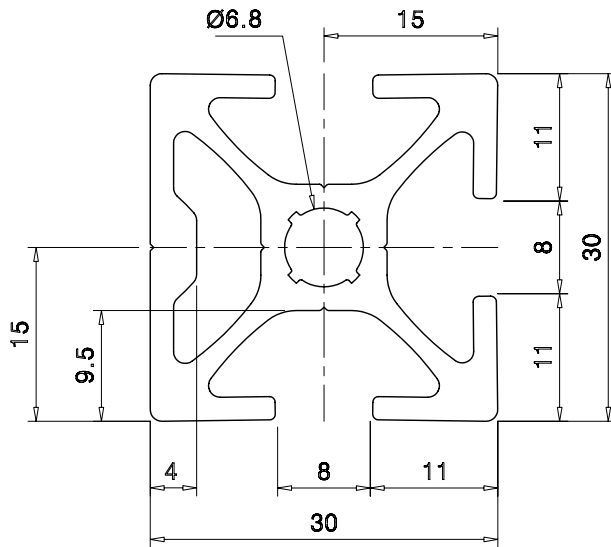
|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                 |
| Surface processing    | Silver Anodized / Black Anodized                    |
| Second section Moment | - $I_x=3,27\text{cm}^4$<br>- $I_y=3,27\text{cm}^4$  |
| Sectional Area        | 353,5mm <sup>2</sup>                                |
| Unit Weight           | 1,03kg/m                                            |
| Application           | Cover Frame & Structures,<br>Table for lightweight, |
| Max Length            | 6M                                                  |



## PROFILE SYSTEM

### I30 SERIES

\ TAFH3030 \ **TAFH3030-1K** \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용부품 | TAFH3030-1K APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3030                      | 94    |

### TAFH3030-1K

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - $I_x = 3.25 \text{cm}^4$<br>- $I_y = 3.74 \text{cm}^4$ |
| 단면적       | 390.3mm <sup>2</sup>                                     |
| 단중량       | 1.05kg/m                                                 |
| 용도        | Cover Frame                                              |
| 최대길이      | 경하중용 Table, 구조물<br>6M                                    |

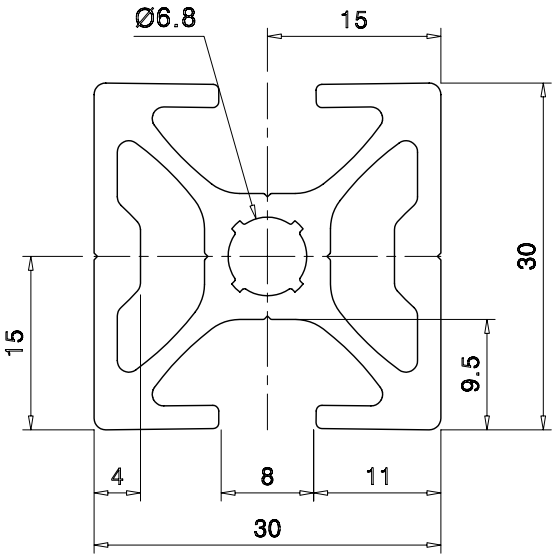
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - $I_x = 3.25 \text{cm}^4$<br>- $I_y = 3.74 \text{cm}^4$ |
| Sectional Area        | 390.3mm <sup>2</sup>                                     |
| Unit Weight           | 1.05kg/m                                                 |
| Application           | Cover Frame & Structures,<br>Table for lightweight,      |
| Max Length            | 6M                                                       |

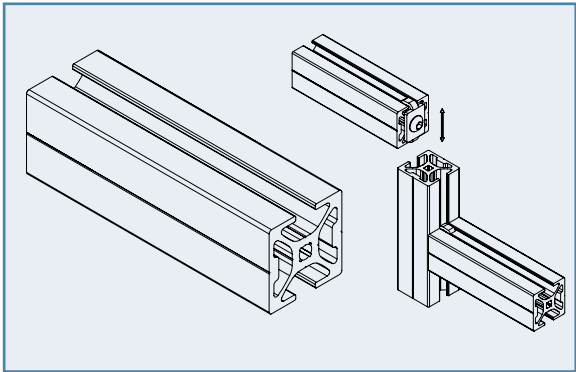
PROFILE SYSTEM

30 SERIES

- \ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H
- \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K
- \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T
- \ TAFH3060-2H \ TAFH3090 \ TAFH6060
- \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



|      |                              |                                |       |
|------|------------------------------|--------------------------------|-------|
| 적용규격 | TAFH3030-2H APPLICATION SPEC |                                |       |
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3030                      | 94    |



TAFH3030-2H

기술 DATA

|           |                                                        |
|-----------|--------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                        |
| 표면처리      | Silver Anodized / Black Anodized                       |
| 단면 2차 모멘트 | - Ix =3,27cm <sup>4</sup><br>- Iy =4,35cm <sup>4</sup> |
| 단면적       | 423,93mm <sup>2</sup>                                  |
| 단중량       | 1,14kg/m                                               |
| 용도        | Cover Frame                                            |
| 최대길이      | 경허중용 Table, 구조물<br>6M                                  |

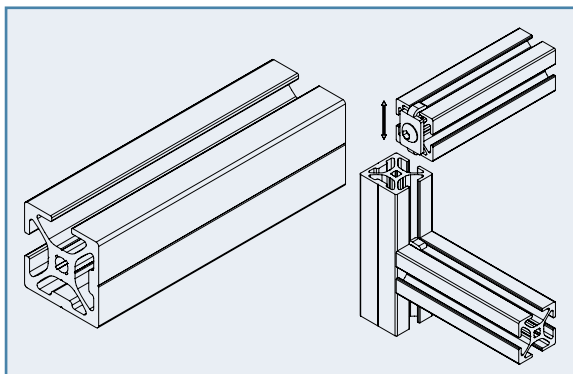
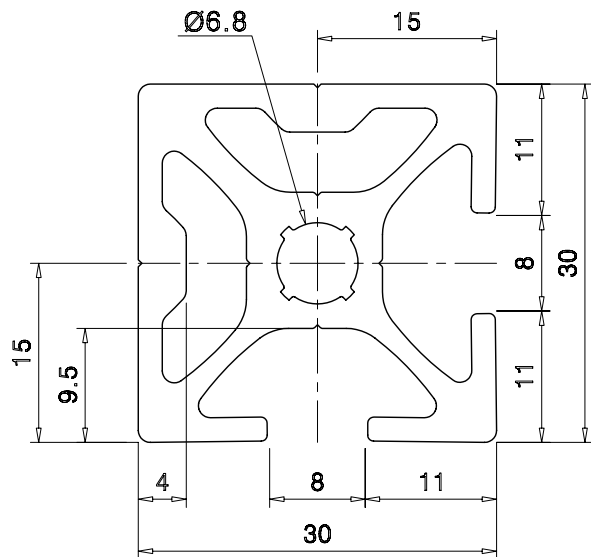
TECHNICAL DATA

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                    |
| Surface proocessing   | Silver Anodized / Black Anodized                       |
| Second section Moment | - Ix =3,27cm <sup>4</sup><br>- Iy =4,35cm <sup>4</sup> |
| Sectional Area        | 423,93mm <sup>2</sup>                                  |
| Unit Weight           | 1,14kg/m                                               |
| Application           | Cover Frame & Structures,<br>Table for lightweight,    |
| Max Length            | 6M                                                     |

## PROFILE SYSTEM

### I30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ **TAFH3030-2L** \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용규격 | TAFH3030-2L APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3030                      | 94    |

### TAFH3030-2L

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - Ix = 3,72cm <sup>4</sup><br>- Iy = 3,81cm <sup>4</sup> |
| 단면적       | 423,93mm <sup>2</sup>                                    |
| 단중량       | 1,16kg/m                                                 |
| 용도        | Cover Frame<br>경하중용 Table, 구조물                           |
| 최대길이      | 6M                                                       |

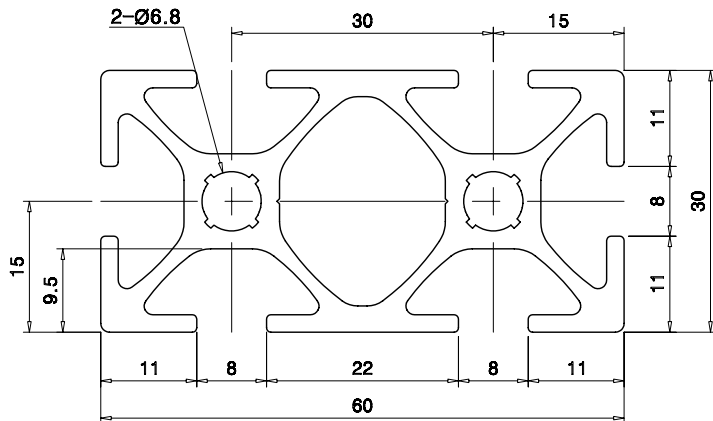
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - Ix = 3,72cm <sup>4</sup><br>- Iy = 3,81cm <sup>4</sup> |
| Sectional Area        | 423,93mm <sup>2</sup>                                    |
| Unit Weight           | 1,16kg/m                                                 |
| Application           | Cover Frame & Structures,<br>Table for lightweight,      |
| Max Length            | 6M                                                       |

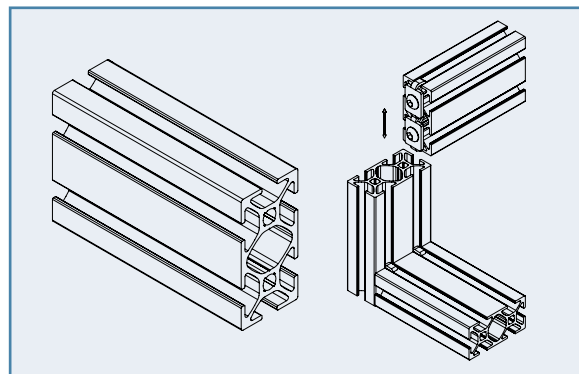
## PROFILE SYSTEM

### I 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ **TAFH3060** \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용규격 | TAFH3060 APPLICATION SPEC |   |                              |
|------|---------------------------|---|------------------------------|
|      | Part name                 | I | SPEC                         |
|      | NUT                       | : | TBN3, TBN4, TBN5, TBN6, TBN8 |
|      | JOINT                     | : | TSJ30, TUJ                   |
|      | END CAP                   | : | TEC3060                      |
|      |                           | I | PAGE                         |
|      |                           |   | 78                           |
|      |                           |   | 79,80                        |
|      |                           |   | 94                           |



### TAFH3060

#### I 기술 DATA I

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 5,897 \text{ cm}^4$<br>- $I_y = 21,38 \text{ cm}^4$ |
| 단면적       | 591,9mm <sup>2</sup>                                         |
| 단중량       | 1,79kg/m                                                     |
| 용도        | Cover Frame, Work table, 구조물                                 |
| 최대길이      | 6M                                                           |

#### I TECHNICAL DATA I

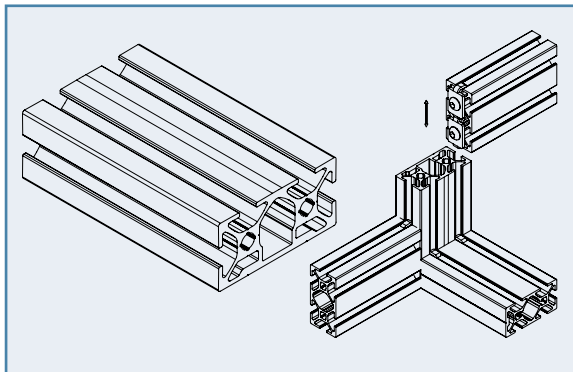
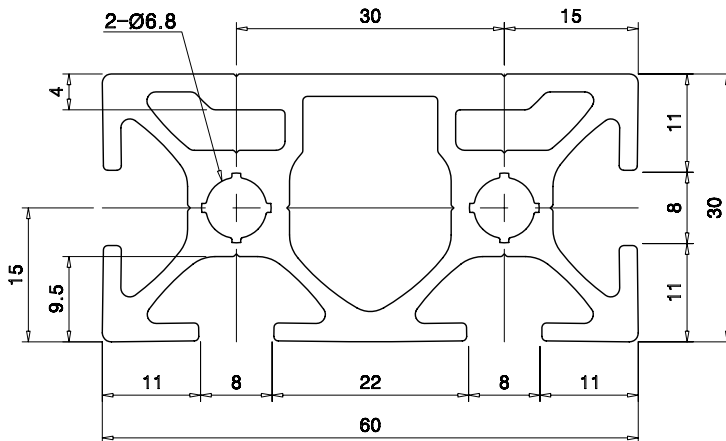
|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 5,897 \text{ cm}^4$<br>- $I_y = 21,38 \text{ cm}^4$ |
| Sectional Area        | 591,9mm <sup>2</sup>                                         |
| Unit Weight           | 1,79kg/m                                                     |
| Application           | Work table & Structures, Cover Frame,                        |
| Max Length            | 6M                                                           |



## PROFILE SYSTEM

### I 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ **TAFH3060-1K**  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용구경 | TAFH3060-1K APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3060                      | 94    |

### TAFH3060-1K

#### I 기술 DATA I

|           |                                                             |
|-----------|-------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                             |
| 표면처리      | Silver Anodized / Black Anodized                            |
| 단면 2차 모멘트 | - $I_x = 7.02 \text{ cm}^4$<br>- $I_y = 23.27 \text{ cm}^4$ |
| 단면적       | 700.32mm <sup>2</sup>                                       |
| 단중        | 1.88kg/m                                                    |
| 용도        | Cover Frame, Work table, 구조물                                |
| 최대길이      | 6M                                                          |

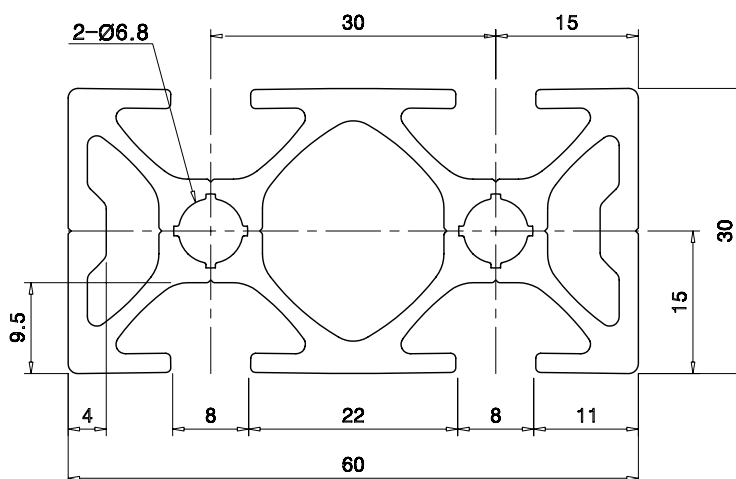
#### I TECHNICAL DATA I

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                         |
| Surface processing    | Silver Anodized / Black Anodized                            |
| Second section Moment | - $I_x = 7.02 \text{ cm}^4$<br>- $I_y = 23.27 \text{ cm}^4$ |
| Sectional Area        | 700.32mm <sup>2</sup>                                       |
| Unit Weight           | 1.88kg/m                                                    |
| Application           | Work table & Structures, Cover Frame,                       |
| Max Length            | 6M                                                          |

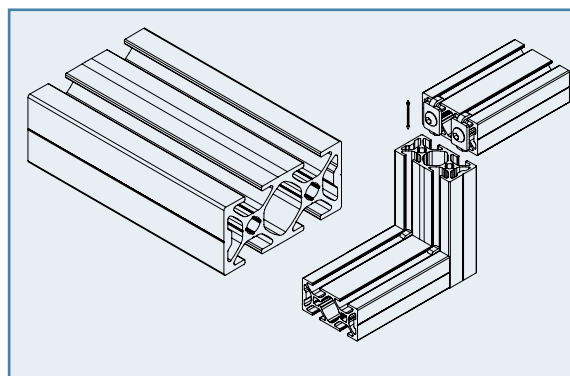
## PROFILE SYSTEM

### I 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ **TAFH3060-2J** \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용규격 | TAFH3060-2J APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3060                      | 94    |



### TAFH3060-2J

#### I 기술 DATA I

|           |                                                         |
|-----------|---------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                         |
| 표면처리      | Silver Anodized / Black Anodized                        |
| 단면 2차 모멘트 | - $I_x = 5.93\text{cm}^4$<br>- $I_y = 26.39\text{cm}^4$ |
| 단면적       | 653.11mm <sup>2</sup>                                   |
| 단중량       | 1.75kg/m                                                |
| 용도        | Cover Frame, Work table, 구조물                            |
| 최대길이      | 6M                                                      |

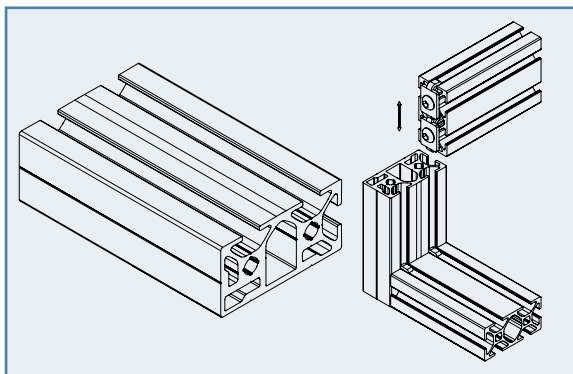
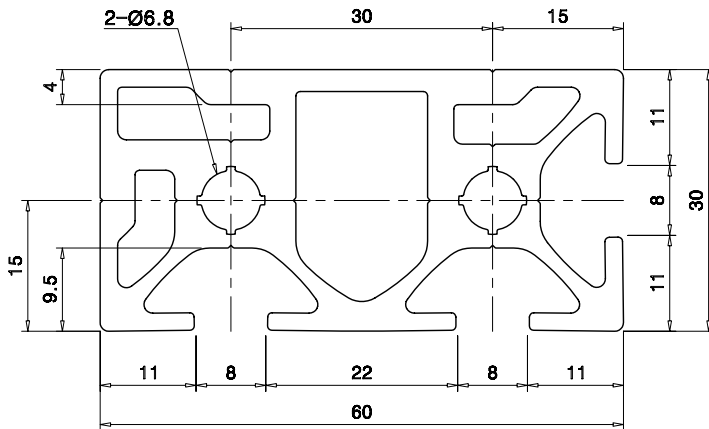
#### I TECHNICAL DATA I

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                     |
| Surface processing    | Silver Anodized / Black Anodized                        |
| Second section Moment | - $I_x = 5.93\text{cm}^4$<br>- $I_y = 26.39\text{cm}^4$ |
| Sectional Area        | 653.11mm <sup>2</sup>                                   |
| Unit Weight           | 1.75kg/m                                                |
| Application           | Work table & Structures, Cover Frame,                   |
| Max Length            | 6M                                                      |

## PROFILE SYSTEM

### I 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ **TAFH3060-2L** \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용규격 | TAFH3060-2L APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3060                      | 94    |

### TAFH3060-2L

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - $I_x = 7.04 \text{ cm}^4$<br>- $I_y = 26.6 \text{ cm}^4$ |
| 단면적       | 792mm <sup>2</sup>                                         |
| 단중        | 2.1kg/m                                                    |
| 용도        | Cover Frame, Work table, 구조물                               |
| 최대길이      | 6M                                                         |

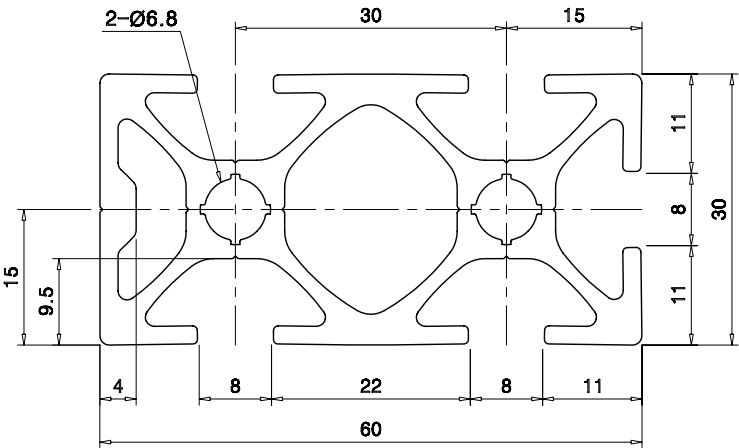
#### I TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - $I_x = 7.04 \text{ cm}^4$<br>- $I_y = 26.6 \text{ cm}^4$ |
| Sectional Area        | 792mm <sup>2</sup>                                         |
| Unit Weight           | 2.1kg/m                                                    |
| Application           | Work table & Structures, Cover Frame,                      |
| Max Length            | 6M                                                         |

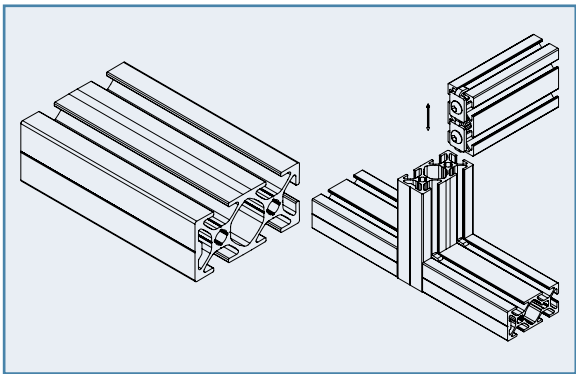
PROFILE SYSTEM

30 SERIES

- \ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H
- \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K
- \ TAFH3060-2J \ TAFH3060-2L \ **TAFH3060-1T**
- \ TAFH3060-2H \ TAFH3090 \ TAFH6060
- \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용규격 | TAFH3060-1T APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3060                      | 94    |



TAFH3060-1T

기술 DATA

|           |                                                         |
|-----------|---------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                         |
| 표면처리      | Silver Anodized / Black Anodized                        |
| 단면 2차 모멘트 | - Ix =5,91cm <sup>4</sup><br>- Iy =23,65cm <sup>4</sup> |
| 단면적       | 619,18mm <sup>2</sup>                                   |
| 단중량       | 1,66kg/m                                                |
| 용도        | Cover Frame, Work table,<br>구조물                         |
| 최대길이      | 6M                                                      |

TECHNICAL DATA

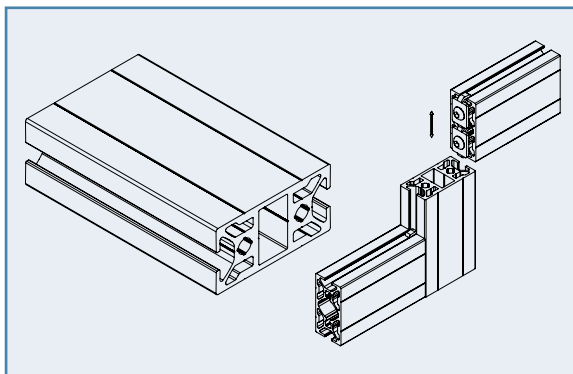
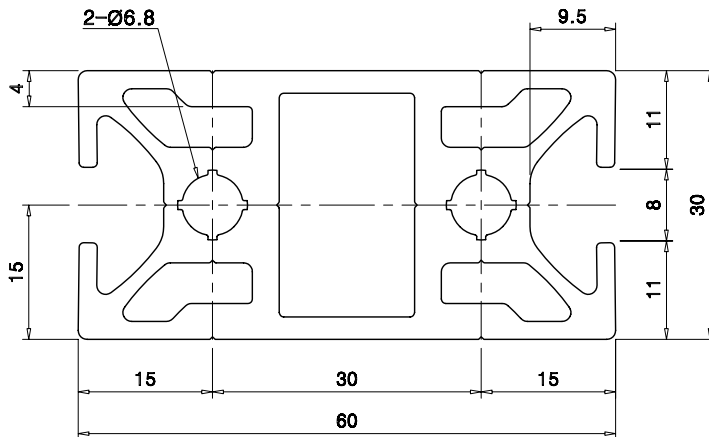
|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                     |
| Surface proocessing   | Silver Andized / Black Anodized                         |
| Second section Moment | - Ix =5,91cm <sup>4</sup><br>- Iy =23,65cm <sup>4</sup> |
| Sectional Area        | 619,18mm <sup>2</sup>                                   |
| Unit Weight           | 1,66kg/m                                                |
| Application           | Work table & Structures,<br>Cover Frame,                |
| Max Length            | 6M                                                      |



## PROFILE SYSTEM

### I 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ **TAFH3060-2H** \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용규격 | TAFH3060-2H APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC3060                      | 94    |

### TAFH3060-2H

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - $I_x = 8.5 \text{cm}^4$<br>- $I_y = 25.72 \text{cm}^4$ |
| 단면적       | 831.33mm <sup>2</sup>                                    |
| 단중량       | 2.24kg/m                                                 |
| 용도        | Cover Frame, Work table, 구조물                             |
| 최대길이      | 6M                                                       |

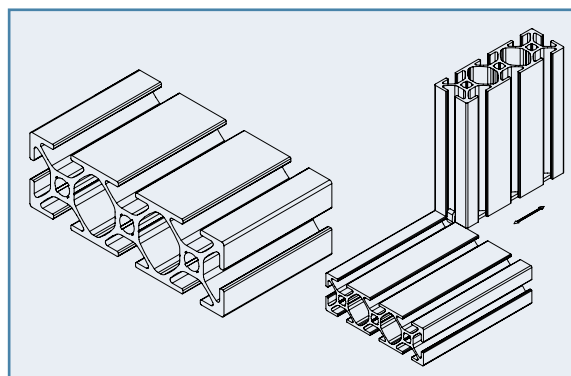
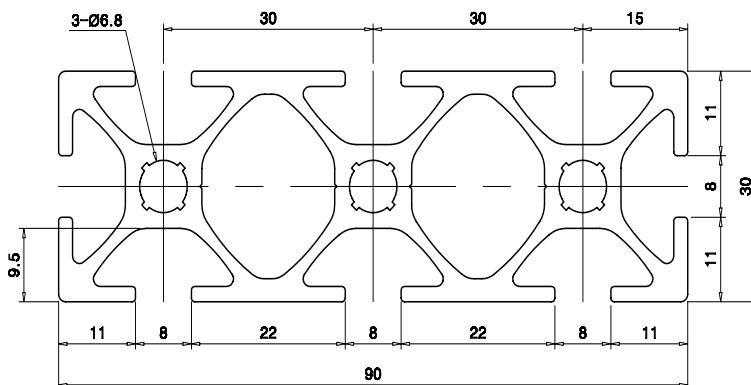
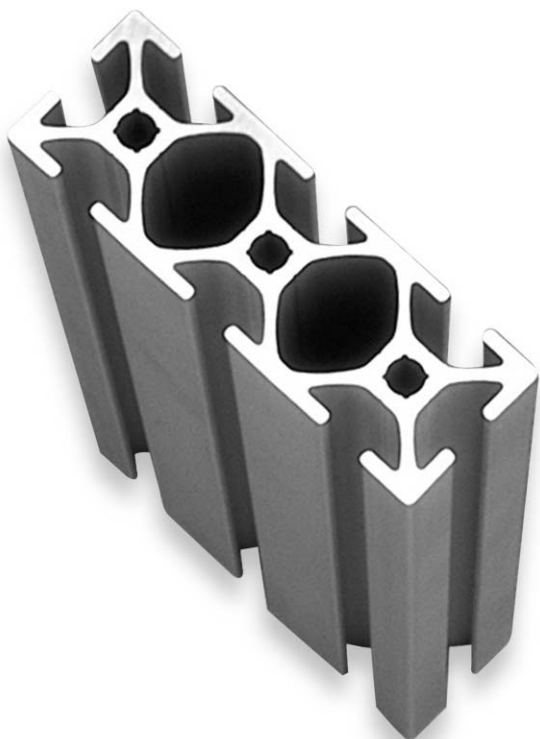
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - $I_x = 8.5 \text{cm}^4$<br>- $I_y = 25.72 \text{cm}^4$ |
| Sectional Area        | 831.33mm <sup>2</sup>                                    |
| Unit Weight           | 2.24kg/m                                                 |
| Application           | Work table & Structures, Cover Frame,                    |
| Max Length            | 6M                                                       |

## PROFILE SYSTEM

## 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ **TAFH3090** \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



| 적용<br>규격 | TAHF3090 APPLICATION SPEC          |      |       |
|----------|------------------------------------|------|-------|
|          | Part name                          | SPEC | PAGE  |
|          | NUT : TBN3, TBN4, TBN5, TBN6, TBN8 |      | 78    |
|          | JOINT : TSJ30, TUJ                 |      | 79,80 |
|          | END CAP : TEC3090                  |      | 94    |

## TAFH3090

| 기술 DATA |

|              |                                                           |
|--------------|-----------------------------------------------------------|
| 재질           | AL합금(A6N01s-T5)                                           |
| 표면처리         | Silver Anodized / Black Anodized                          |
| 단면 2차<br>모멘트 | - Ix = 8.57cm <sup>4</sup><br>- Iy = 66.19cm <sup>4</sup> |
| 단면적          | 851.1mm <sup>2</sup>                                      |
| 단중량          | 2.29kg/m                                                  |
| 용도           | Work Table 및 구조물<br>Cover Frame                           |
| 최대길이         | 6M                                                        |

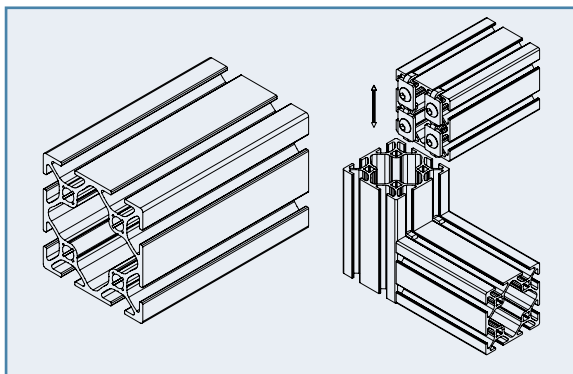
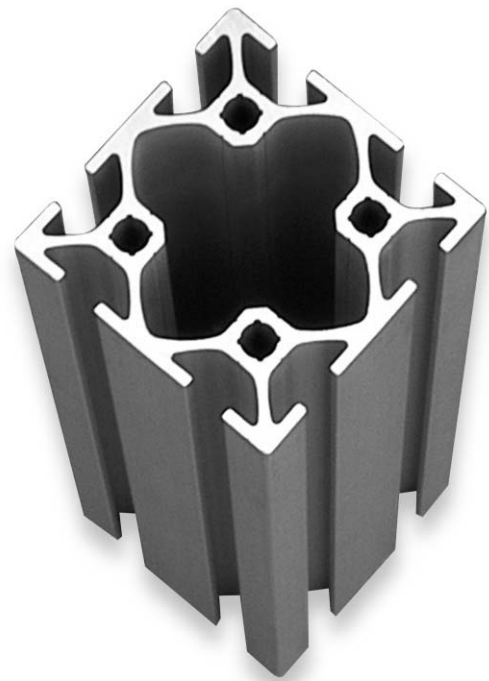
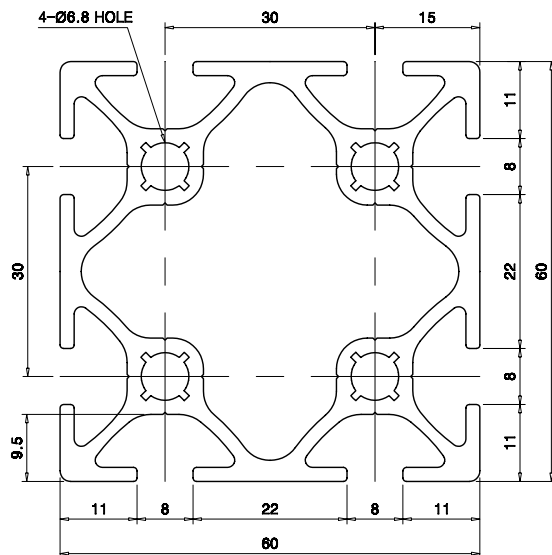
## I TECHNICAL DATA I

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                 |
| Surface processing    | Silver Anodized / Black Anodized                    |
| Second section Moment | - $I_x=8,57\text{cm}^4$<br>- $I_y=66,19\text{cm}^4$ |
| Sectional Area        | 851,1mm <sup>2</sup>                                |
| Unit Weight           | 2,29kg/m                                            |
| Application           | Work table & Structures,<br>Cover Frame,            |
| Max Length            | 6M                                                  |

## PROFILE SYSTEM

## | 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ **TAFH6060**  
 \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



|      |                                    |      |       |
|------|------------------------------------|------|-------|
| 적용부록 | TAFH6060 APPLICATION SPEC          |      |       |
|      | Part name                          | SPEC | PAGE  |
|      | NUT : TBN3, TBN4, TBN5, TBN6, TBN8 |      | 78    |
|      | JOINT : TSJ30, TUJ                 |      | 79,80 |
|      | END CAP : TEC6060                  |      | 94    |

**TAFH6060**

## | 기술 DATA |

|              |                                                          |
|--------------|----------------------------------------------------------|
| 재질           | AL합금(A6N01s-T5)                                          |
| 표면처리         | Silver Anodized / Black Anodized                         |
| 단면 2차<br>모멘트 | - $I_x = 38,96\text{cm}^4$<br>- $I_y = 38,96\text{cm}^4$ |
| 단면적          | 943,1mm <sup>2</sup>                                     |
| 단중<br>용도     | 2,77kg/m<br>Work table, 구조물                              |
| 최대길이         | 6M                                                       |

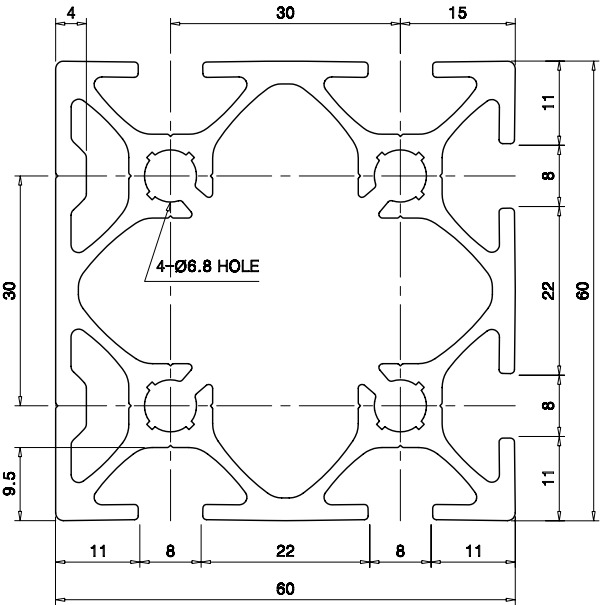
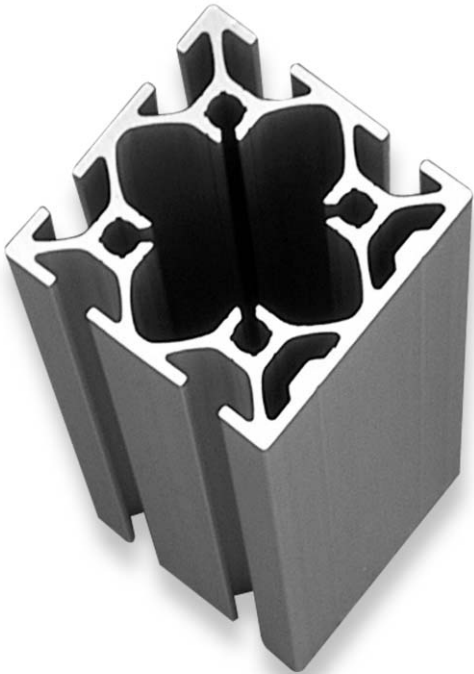
## I TECHNICAL DATA I

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                  |
| Surface processing    | Silver Andized / Black Anodized                      |
| Second section Moment | - $I_x=38,96\text{cm}^4$<br>- $I_y=38,96\text{cm}^4$ |
| Sectional Area        | 943,1mm <sup>2</sup>                                 |
| Unit Weight           | 2,77kg/m                                             |
| Application           | Work table & Structures,                             |
| Max Length            | 6M                                                   |

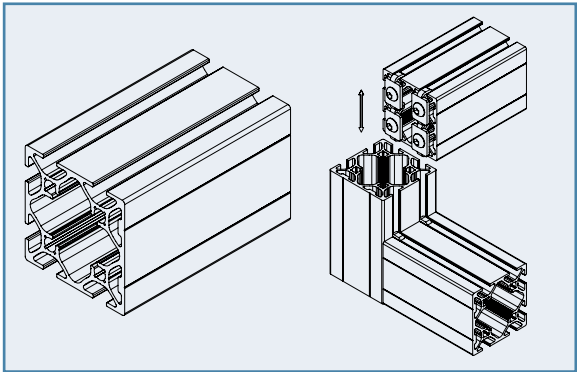
PROFILE SYSTEM

30 SERIES

- \ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H
- \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K
- \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T
- \ TAFH3060-2H \ TAFH3090 \ TAFH6060
- \ TAFH6060-1K \ TAFH6060-2H \ TAFH6060-2L



|      |                              |                                |       |
|------|------------------------------|--------------------------------|-------|
| 적용규격 | TAFH6060-1K APPLICATION SPEC |                                |       |
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC6060                      | 94    |



TAFH6060-1K

기술 DATA

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - Ix = 39,37cm <sup>4</sup><br>- Iy = 42,67cm <sup>4</sup> |
| 단면적       | 981,27mm <sup>2</sup>                                      |
| 단중        | 2,64kg/m                                                   |
| 용도        | Work table 및 구조물                                           |
| 최대길이      | 6M                                                         |

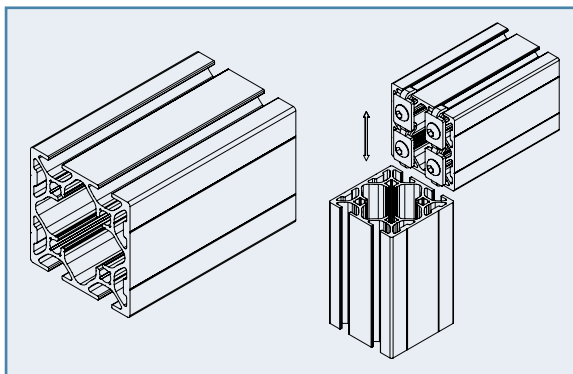
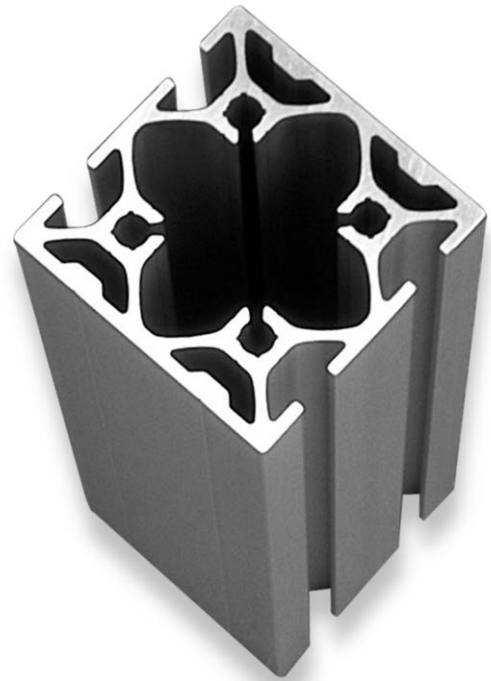
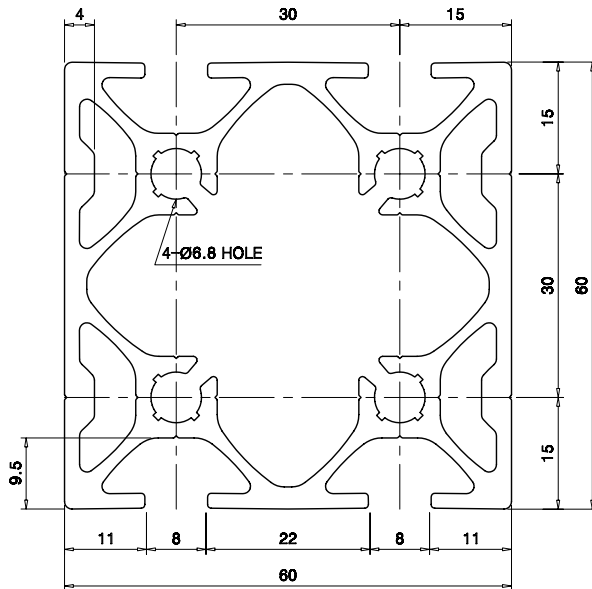
TECHNICAL DATA

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface proocessing   | Silver Andized / Black Anodized                            |
| Second section Moment | - Ix = 39,37cm <sup>4</sup><br>- Iy = 42,67cm <sup>4</sup> |
| Sectional Area        | 981,27mm <sup>2</sup>                                      |
| Unit Weight           | 2,64kg/m                                                   |
| Application           | Work table & Structures                                    |
| Max Length            | 6M                                                         |

## PROFILE SYSTEM

### I30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ **TAFH6060-2H** \ TAFH6060-2L



| 적용규격 | TAFH6060-2H APPLICATION SPEC |                              |       |
|------|------------------------------|------------------------------|-------|
|      | Part name                    | SPEC                         | PAGE  |
|      | NUT                          | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | TEC6060                      | 94    |

### TAFH6060-2H

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - Ix = 40,9cm <sup>4</sup><br>- Iy = 48,2cm <sup>4</sup> |
| 단면적       | 1048,76mm <sup>2</sup>                                   |
| 단중        | 2,82kg/m                                                 |
| 용도        | Work table 구조물                                           |
| 최대길이      | 6M                                                       |

#### I TECHNICAL DATA I

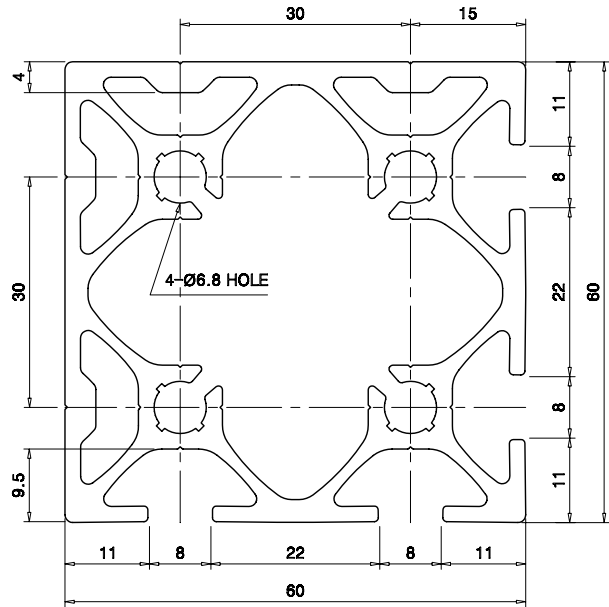
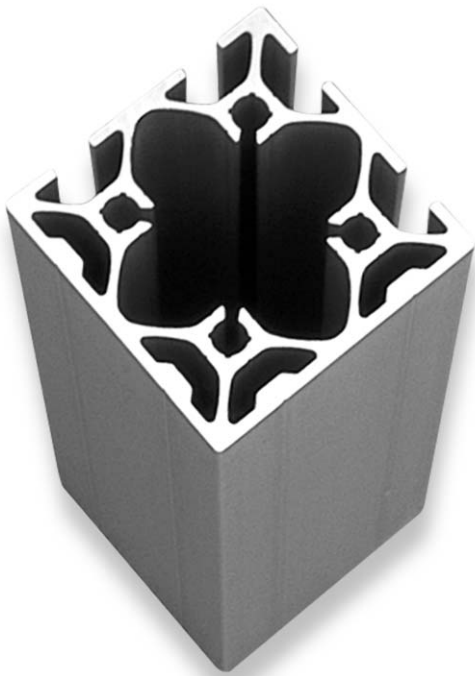
|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - Ix = 40,9cm <sup>4</sup><br>- Iy = 48,2cm <sup>4</sup> |
| Sectional Area        | 1048,76mm <sup>2</sup>                                   |
| Unit Weight           | 2,82kg/m                                                 |
| Application           | Work table & Structures                                  |
| Max Length            | 6M                                                       |



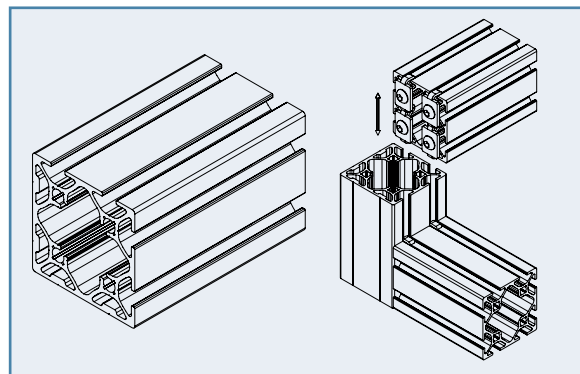
## PROFILE SYSTEM

### 30 SERIES

\ TAFH3030 \ TAFH3030-1K \ TAFH3030-2H  
 \ TAFH3030-2L \ TAFH3060 \ TAFH3060-1K  
 \ TAFH3060-2J \ TAFH3060-2L \ TAFH3060-1T  
 \ TAFH3060-2H \ TAFH3090 \ TAFH6060  
 \ TAFH6060-1K \ TAFH6060-2H \ **TAFH6060-2L**



| 적용규격 | TAFH6060-2L APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                      | : TEC6060                      | 94    |



### TAFH6060-2L

#### 기술 DATA

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | Al합금(A6N01s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - Ix = 43,89cm <sup>4</sup><br>- Iy = 44,55cm <sup>4</sup> |
| 단면적       | 1048,76mm <sup>2</sup>                                     |
| 단중        | 2,82kg/m                                                   |
| 용도        | Work table 및 구조물                                           |
| 최대길이      | 6M                                                         |

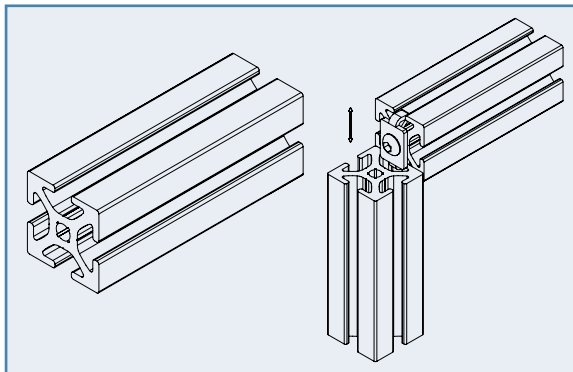
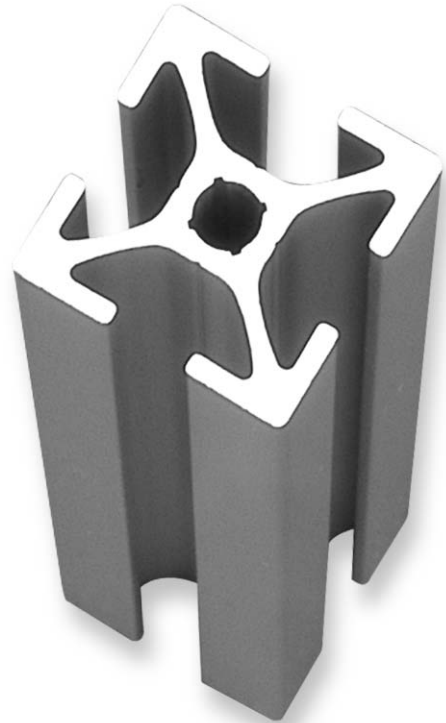
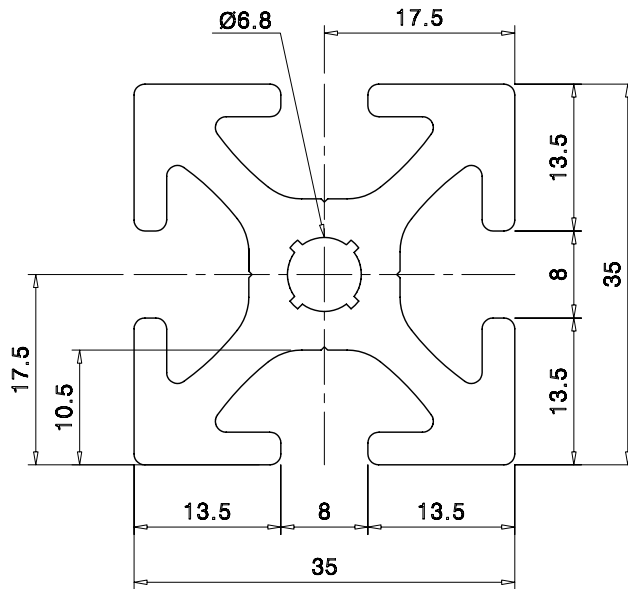
#### TECHNICAL DATA

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6N01s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - Ix = 43,89cm <sup>4</sup><br>- Iy = 44,55cm <sup>4</sup> |
| Sectional Area        | 1048,76mm <sup>2</sup>                                     |
| Unit Weight           | 2,82kg/m                                                   |
| Application           | Work table & Structures                                    |
| Max Length            | 6M                                                         |

## PROFILE SYSTEM

I35 SERIES

\ TAFH3535 \ TAFH3570 \ TAFH7070



| 적용규격 | TAFH3535 APPLICATION SPEC |                              |       |
|------|---------------------------|------------------------------|-------|
|      | Part name                 | SPEC                         | PAGE  |
|      | NUT                       | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | TSJ30, TUJ                   | 79,80 |
|      | END CAP                   | TEC3535                      | 94    |

### TAFH3535

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - $I_x = 7,422\text{cm}^4$<br>- $I_y = 7,422\text{cm}^4$ |
| 단면적       | 618.5mm <sup>2</sup>                                     |
| 단중        | 1.69kg/m                                                 |
| 용도        | Work table 및 구조물<br>Cover frame                          |
| 최대길이      | 6M                                                       |

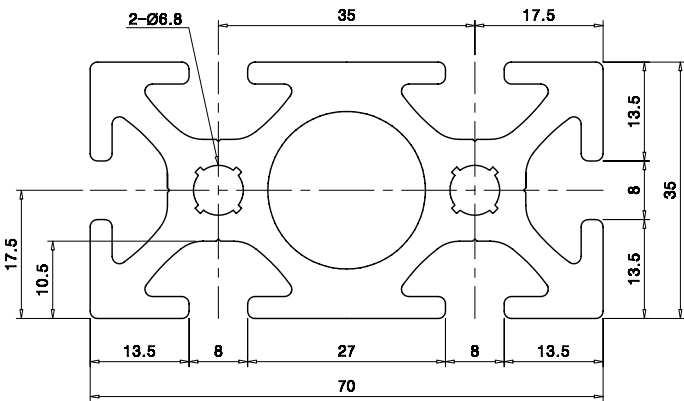
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Andized / Black Anodized                          |
| Second section Moment | - $I_x = 7,422\text{cm}^4$<br>- $I_y = 7,422\text{cm}^4$ |
| Sectional Area        | 618.5mm <sup>2</sup>                                     |
| Unit Weight           | 1.69kg/m                                                 |
| Application           | Work table & Structures<br>Cover Frame                   |
| Max Length            | 6M                                                       |

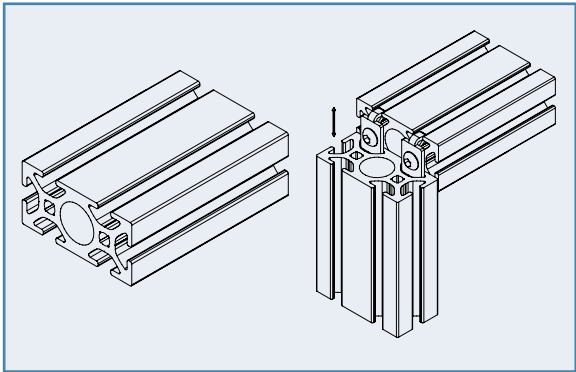
PROFILE SYSTEM

35 SERIES

TAFH3535 \ TAFH3570 \ TAFH7070



|      |                           |                              |       |
|------|---------------------------|------------------------------|-------|
| 적용규격 | TAFH3570 APPLICATION SPEC |                              |       |
|      | Part name                 | SPEC                         | PAGE  |
|      | NUT                       | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | TSJ30, TUJ                   | 79,80 |
|      | END CAP                   | TEC3570                      | 94    |



TAFH3570

기술 DATA I

|           |                                                         |
|-----------|---------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                         |
| 표면처리      | Silver Anodized / Black Anodized                        |
| 단면 2차 모멘트 | - Ix=14,522cm <sup>4</sup><br>- Iy=52,69cm <sup>4</sup> |
| 단면적       | 1167.7mm <sup>2</sup>                                   |
| 단중량       | 3.22kg/m                                                |
| 용도        | Work table 및 구조물<br>Cover Frame                         |
| 최대길이      | 6M                                                      |

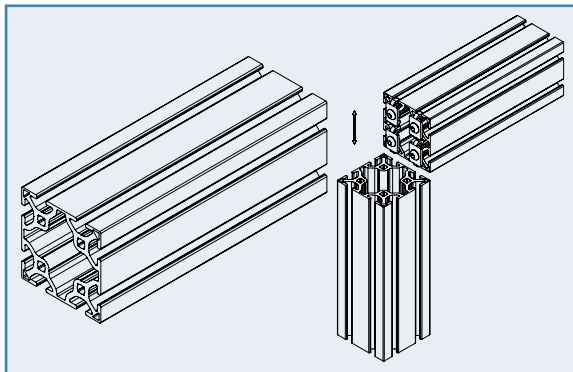
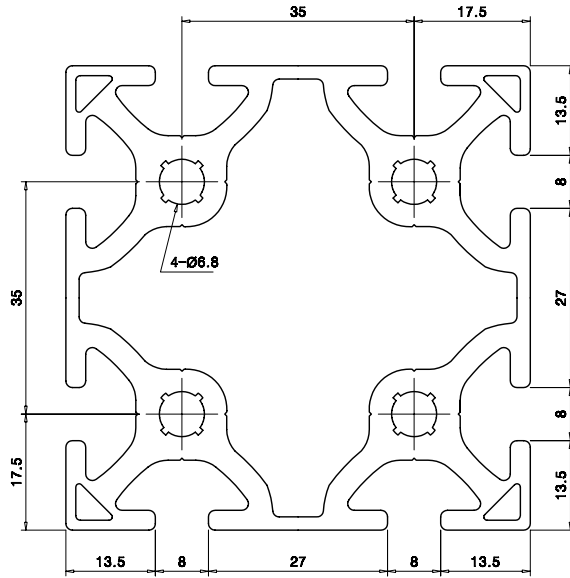
TECHNICAL DATA I

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                     |
| Surface proocessing   | Silver Andized / Black Anodized                         |
| Second section Moment | - Ix=14,522cm <sup>4</sup><br>- Iy=52,69cm <sup>4</sup> |
| Sectional Area        | 1167.7mm <sup>2</sup>                                   |
| Unit Weight           | 3.22kg/m                                                |
| Application           | Work table & Structures<br>Cover Frame                  |
| Max Length            | 6M                                                      |

## PROFILE SYSTEM

### I35 SERIES

\ TAFH3535 \ TAFH3570 \ TAFH7070



| 적용규격 | TAFH7070 APPLICATION SPEC |                                |       |
|------|---------------------------|--------------------------------|-------|
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                   | :                              |       |

#### TAFH7070

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - $I_x = 83.3 \text{cm}^4$<br>- $I_y = 83.3 \text{cm}^4$ |
| 단면적       | 1564.5mm <sup>2</sup>                                    |
| 단중        | 4.32kg/m                                                 |
| 용도        | Work table 및 구조물<br>Cover Frame                          |
| 최대길이      | 6M                                                       |

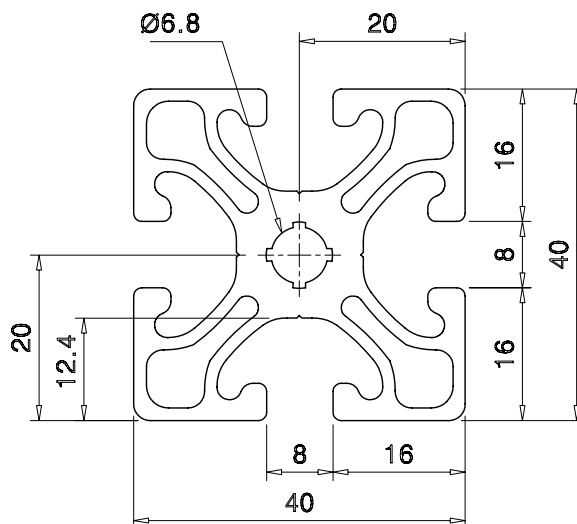
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - $I_x = 83.3 \text{cm}^4$<br>- $I_y = 83.3 \text{cm}^4$ |
| Sectional Area        | 1564.5mm <sup>2</sup>                                    |
| Unit Weight           | 4.32kg/m                                                 |
| Application           | Work table & Structures<br>Cover Frame                   |
| Max Length            | 6M                                                       |

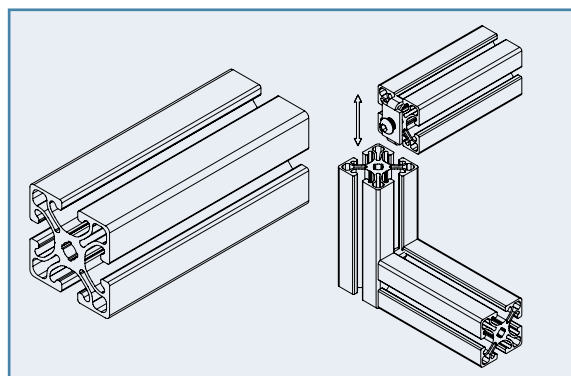
## PROFILE SYSTEM

### I40 SERIES

\ **TAFL4040** \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4040 APPLICATION SPEC |                                |       |
|------|---------------------------|--------------------------------|-------|
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | : TEC4040                      | 94    |



### TAFL4040

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | Al합금(A6N01s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - Ix = 9,019cm <sup>4</sup><br>- Iy = 9,019cm <sup>4</sup> |
| 단면적       | 618,5mm <sup>2</sup>                                       |
| 단중        | 1,73kg/m                                                   |
| 용도        | Work table 및 구조물                                           |
| 최대길이      | 6M                                                         |

#### I TECHNICAL DATA I

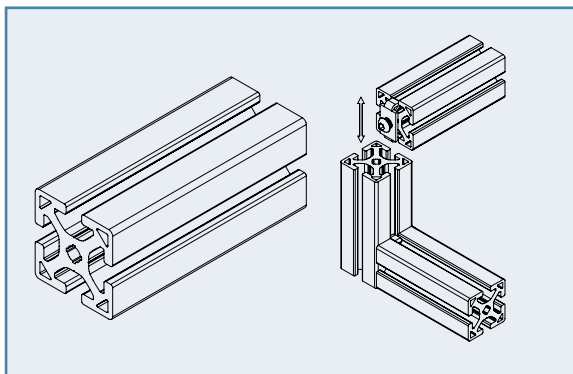
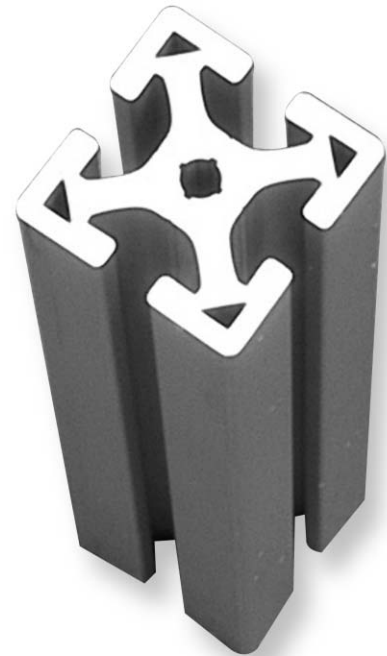
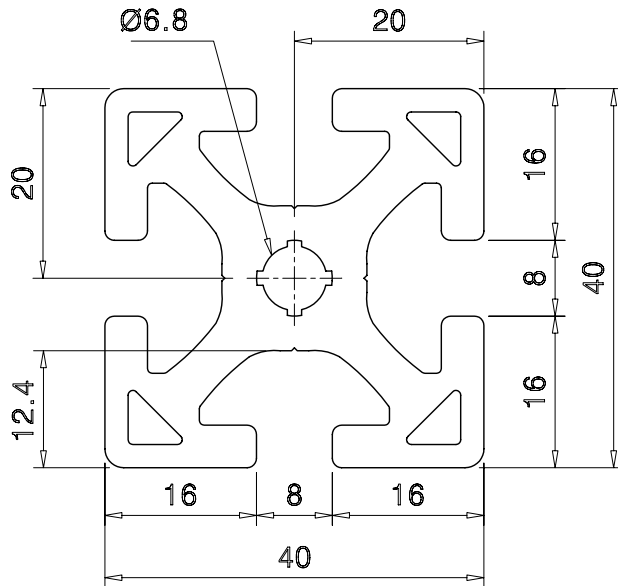
|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6N01s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - Ix = 9,019cm <sup>4</sup><br>- Iy = 9,019cm <sup>4</sup> |
| Sectional Area        | 618,5mm <sup>2</sup>                                       |
| Unit Weight           | 1,73kg/m                                                   |
| Application           | Work table & Structures                                    |
| Max Length            | 6M                                                         |



## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ **TAFH4040** \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFH4040 APPLICATION SPEC |                                |       |
|------|---------------------------|--------------------------------|-------|
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | : TEC4040                      | 94    |

### TAFH4040

#### I 기술 DATA I

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 12,587 \text{cm}^4$<br>- $I_y = 12,587 \text{cm}^4$ |
| 단면적       | 832.6mm <sup>2</sup>                                         |
| 단중량       | 2.33kg/m                                                     |
| 용도        | Work table 및 구조물                                             |
| 최대길이      | 6M                                                           |

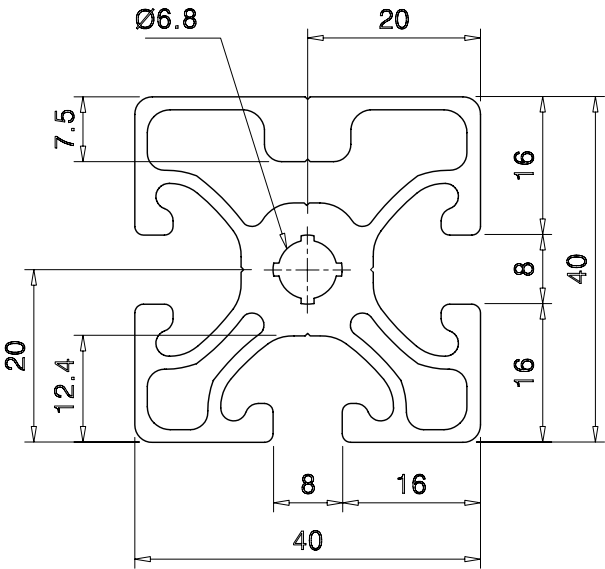
#### I TECHNICAL DATA I

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 12,587 \text{cm}^4$<br>- $I_y = 12,587 \text{cm}^4$ |
| Sectional Area        | 832.6mm <sup>2</sup>                                         |
| Unit Weight           | 2.33kg/m                                                     |
| Application           | Work table & Structures                                      |
| Max Length            | 6M                                                           |

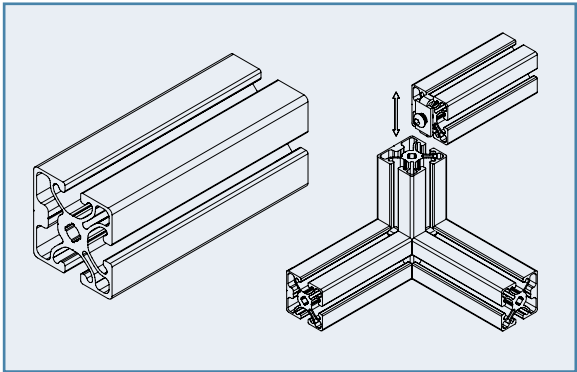
PROFILE SYSTEM

40 SERIES

- \ TAFL4040 \ TAFH4040 \ TAFL4040-1K
- \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080
- \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J
- \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H
- \ TAFL8080 \ TAFH8080 \ TAFL8080-1K
- \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040
- \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4040-1K APPLICATION SPEC |   |                              |
|------|------------------------------|---|------------------------------|
|      | Part name                    | I | SPEC                         |
|      | NUT                          | : | TBN3, TBN4, TBN5, TBN6, TBN8 |
|      | JOINT                        | : | TSJ40, TUJ                   |
|      | END CAP                      | : | TEC4040                      |
|      |                              |   | PAGE                         |
|      |                              |   | 78                           |
|      |                              |   | 79,80                        |
|      |                              |   | 94                           |



TAFL4040-1K

기술 DATA I

|           |                                                        |
|-----------|--------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                        |
| 표면처리      | Silver Anodized / Black Anodized                       |
| 단면 2차 모멘트 | - Ix = 9cm <sup>4</sup><br>- Iy = 11.41cm <sup>4</sup> |
| 단면적       | 707.1mm <sup>2</sup>                                   |
| 단중량       | 1.90kg/m                                               |
| 용도        | Cover Frame                                            |
| 최대길이      | 경허중용 Table, 구조물<br>6M                                  |

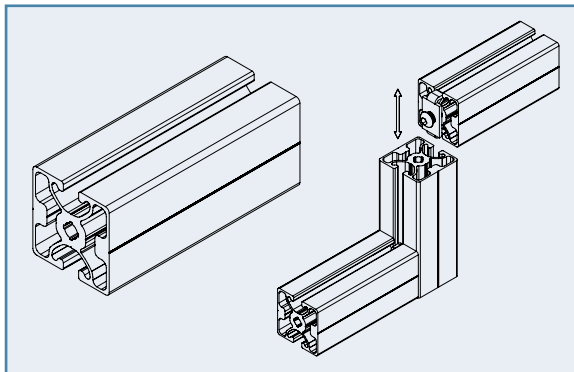
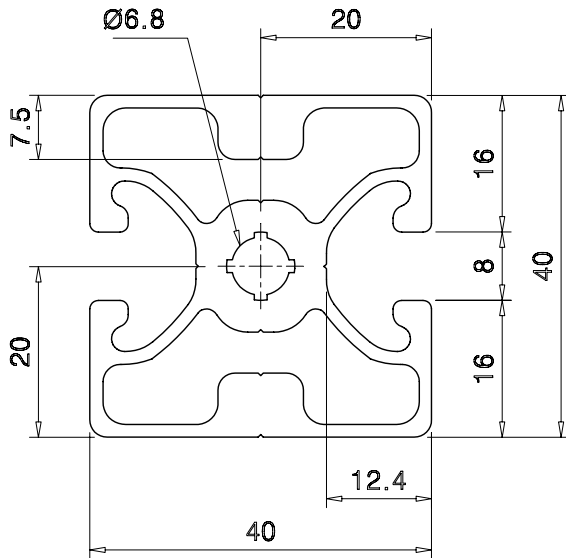
TECHNICAL DATA I

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                    |
| Surface proocessing   | Silver Anodized / Black Anodized                       |
| Second section Moment | - Ix = 9cm <sup>4</sup><br>- Iy = 11.41cm <sup>4</sup> |
| Sectional Area        | 707.1mm <sup>2</sup>                                   |
| Unit Weight           | 1.90kg/m                                               |
| Application           | Cover Frame and Structures,<br>Table for lightweight   |
| Max Length            | 6M                                                     |

## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ **TAFL4040-2H** \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4040-2H APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | : TEC4040                      | 94    |

### TAFL4040-2H

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - Ix = 8.23cm <sup>4</sup><br>- Iy = 9.97cm <sup>4</sup> |
| 단면적       | 639.2mm <sup>2</sup>                                     |
| 단중량       | 1.72kg/m                                                 |
| 용도        | Cover Frame                                              |
| 최대길이      | 경하중용 Table, 구조물<br>6M                                    |

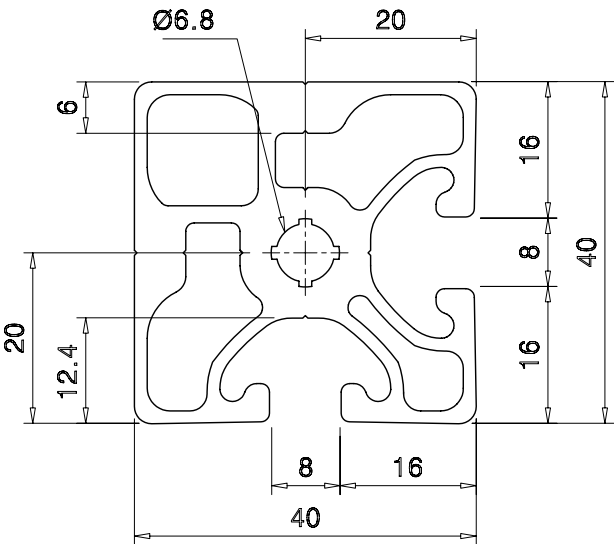
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - Ix = 8.23cm <sup>4</sup><br>- Iy = 9.97cm <sup>4</sup> |
| Sectional Area        | 639.2mm <sup>2</sup>                                     |
| Unit Weight           | 1.72kg/m                                                 |
| Application           | Cover Frame and Structures,<br>Table for lightweight     |
| Max Length            | 6M                                                       |

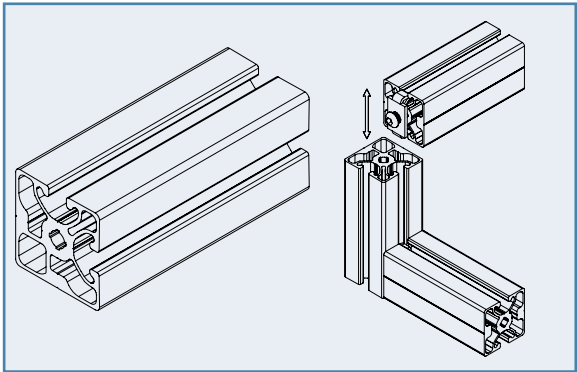
PROFILE SYSTEM

40 SERIES

- \ TAFL4040 \ TAFH4040 \ TAFL4040-1K
- \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080
- \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J
- \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H
- \ TAFL8080 \ TAFH8080 \ TAFL8080-1K
- \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040
- \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4040-2L APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | : TEC4040                      | 94    |



TAFL4040-2L

기술 DATA I

|           |                                                        |
|-----------|--------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                        |
| 표면처리      | Silver Anodized / Black Anodized                       |
| 단면 2차 모멘트 | - Ix =8,93cm <sup>4</sup><br>- Iy =9,23cm <sup>4</sup> |
| 단면적       | 635,9mm <sup>2</sup>                                   |
| 단중        | 1,74kg/m                                               |
| 용도        | Cover Frame                                            |
| 최대길이      | 경허중용 Table, 구조물<br>6M                                  |

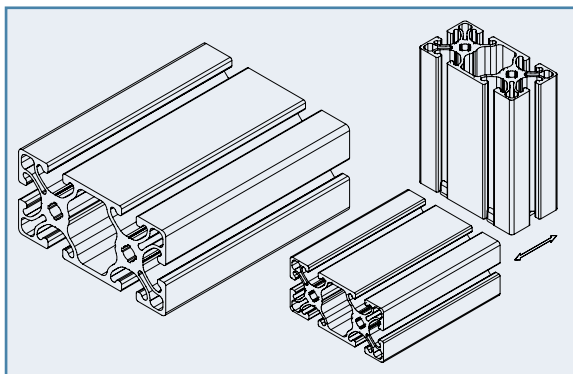
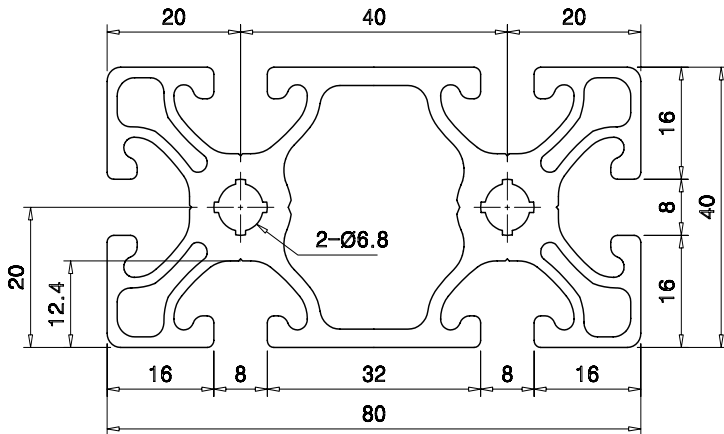
TECHNICAL DATA I

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                    |
| Surface proocessing   | Silver Andized / Black Anodized                        |
| Second section Moment | - Ix =8,93cm <sup>4</sup><br>- Iy =9,23cm <sup>4</sup> |
| Sectional Area        | 635,9mm <sup>2</sup>                                   |
| Unit Weight           | 1,74kg/m                                               |
| Application           | Cover Frame and Structures,<br>Table for lightweight   |
| Max Length            | 6M                                                     |

## PROFILE SYSTEM

### 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ **TAFL4080**  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용구분 | TAFL4080 APPLICATION SPEC |                              |       |
|------|---------------------------|------------------------------|-------|
|      | Part name                 | SPEC                         | PAGE  |
|      | NUT                       | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | TEC4080                      | 94    |

### TAFL4080

#### 기술 DATA

|           |                                                               |
|-----------|---------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                               |
| 표면처리      | Silver Anodized / Black Anodized                              |
| 단면 2차 모멘트 | - $I_x = 66.8 \text{ cm}^4$<br>- $I_y = 17.4666 \text{ cm}^4$ |
| 단면적       | 1076.8mm <sup>2</sup>                                         |
| 단중량       | 3.03kg/m                                                      |
| 용도        | Work table 및 구조물                                              |
| 최대길이      | 6M                                                            |

#### TECHNICAL DATA

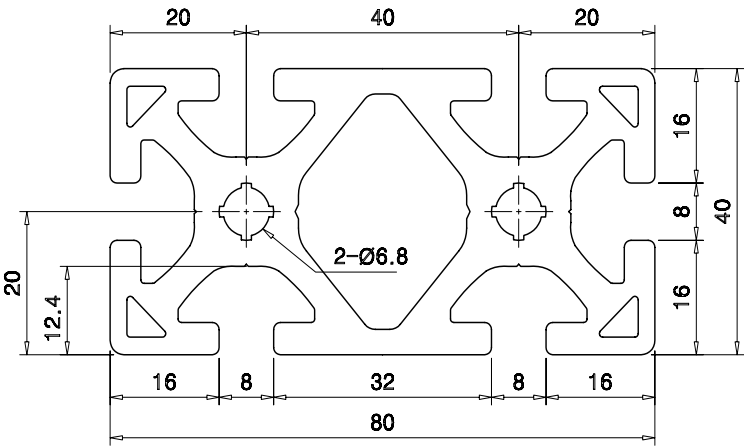
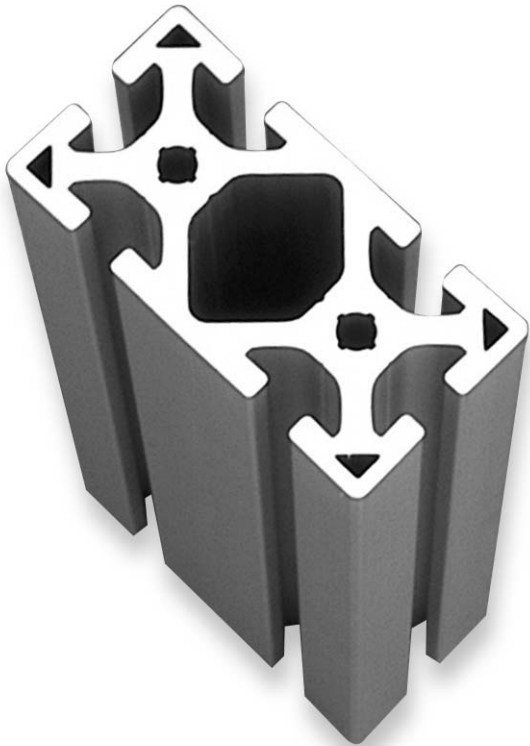
|                       |                                                               |
|-----------------------|---------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                           |
| Surface processing    | Silver Anodized / Black Anodized                              |
| Second section Moment | - $I_x = 66.8 \text{ cm}^4$<br>- $I_y = 17.4666 \text{ cm}^4$ |
| Sectional Area        | 1076.8mm <sup>2</sup>                                         |
| Unit Weight           | 3.03kg/m                                                      |
| Application           | Work table & Structures.                                      |
| Max Length            | 6M                                                            |



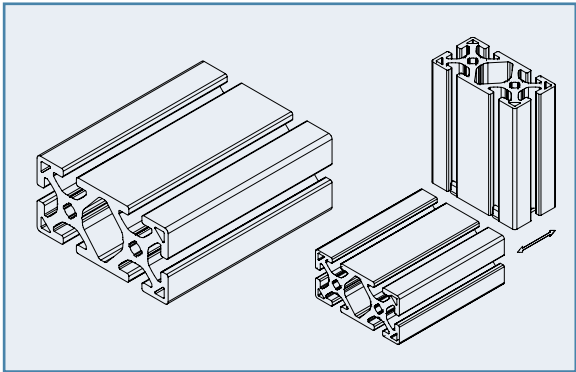
PROFILE SYSTEM

I 40 SERIES

- \ TAFL4040 \ TAFH4040 \ TAFL4040-1K
- \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080
- \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J
- \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H
- \ TAFL8080 \ TAFH8080 \ TAFL8080-1K
- \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040
- \ TAFH12080 \ TAFH16040 \ TAFH16080



|      |                           |                                |       |
|------|---------------------------|--------------------------------|-------|
| 적용규격 | TAFH4080 APPLICATION SPEC |                                |       |
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | : TEC4080                      | 94    |



TAFH4080

I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - Ix =83,95cm <sup>4</sup><br>- Iy =20,99cm <sup>4</sup> |
| 단면적       | 1515,6mm <sup>2</sup>                                    |
| 단중        | 4,25kg/m                                                 |
| 용도        | Work table 및 구조물                                         |
| 최대길이      | 6M                                                       |

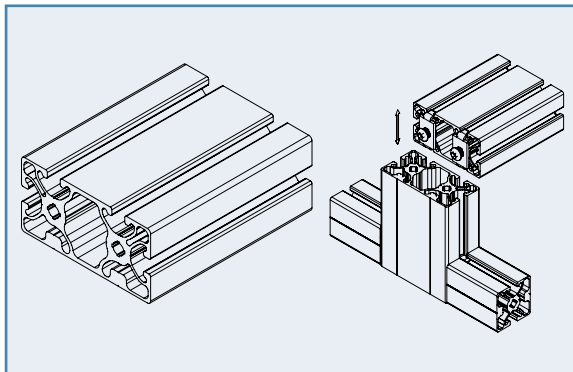
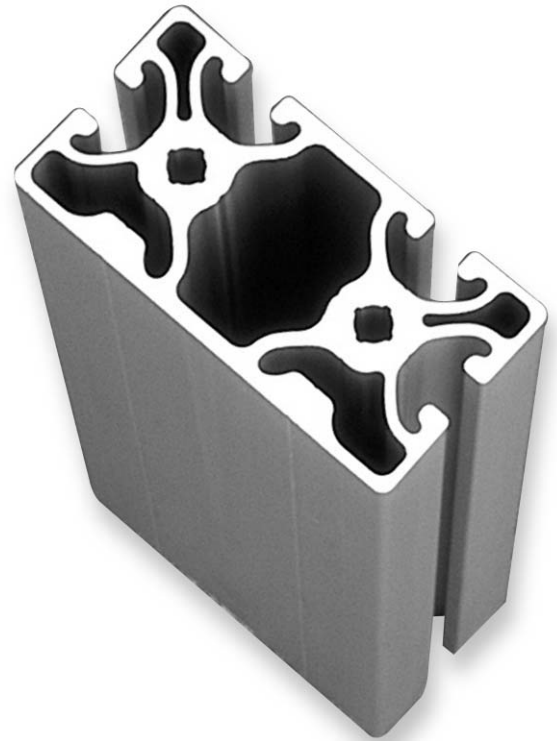
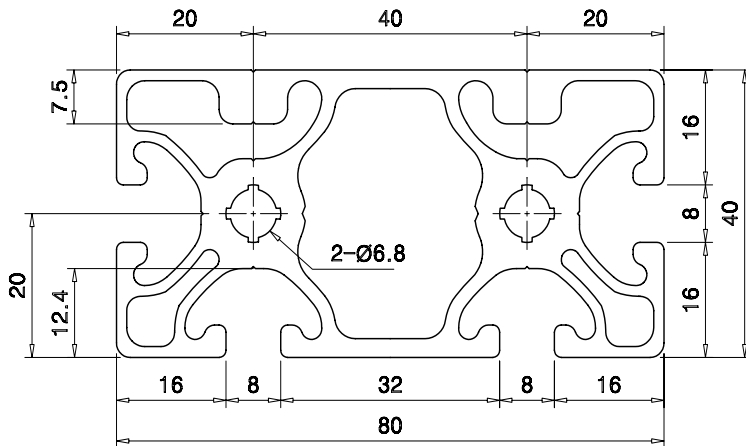
I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - Ix =83,95cm <sup>4</sup><br>- Iy =20,99cm <sup>4</sup> |
| Sectional Area        | 1515,6mm <sup>2</sup>                                    |
| Unit Weight           | 4,25kg/m                                                 |
| Application           | Work table & Structures,                                 |
| Max Length            | 6M                                                       |

## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ **TAFL4080-1K** \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4080-1K APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | : TEC4080                      | 94    |

### TAFL4080-1K

#### I 기술 DATA I

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 21.11 \text{ cm}^4$<br>- $I_y = 67.76 \text{ cm}^4$ |
| 단면적       | 1216.4mm <sup>2</sup>                                        |
| 단중량       | 3.28kg/m                                                     |
| 용도        | Cover Frame                                                  |
| 최대길이      | 경하중용 Table, 구조물<br>6M                                        |

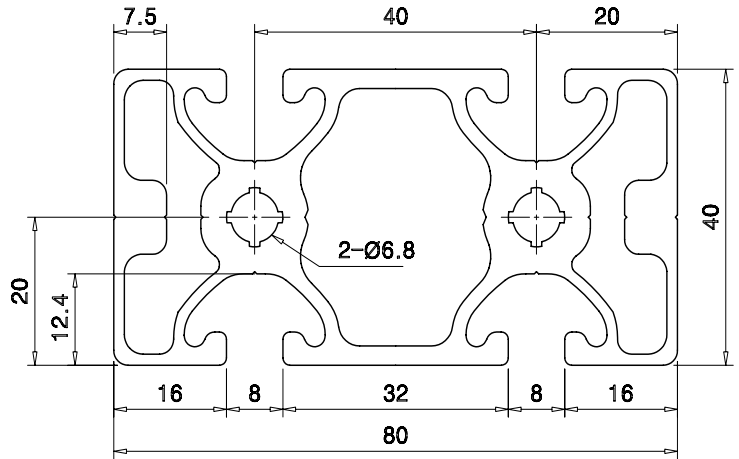
#### I TECHNICAL DATA I

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 21.11 \text{ cm}^4$<br>- $I_y = 67.76 \text{ cm}^4$ |
| Sectional Area        | 1216.4mm <sup>2</sup>                                        |
| Unit Weight           | 3.28kg/m                                                     |
| Application           | Cover Frame and Structures,<br>Table for lightweight         |
| Max Length            | 6M                                                           |

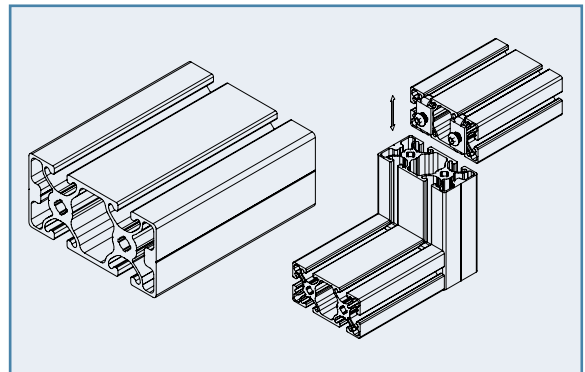
## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ **TAFL4080-2J**  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4080-2J APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | : TEC4080                      | 94    |



### TAFL4080-2J

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - Ix = 16,74cm <sup>4</sup><br>- Iy = 70,41cm <sup>4</sup> |
| 단면적       | 1114.4mm <sup>2</sup>                                      |
| 단중량       | 3.01kg/m                                                   |
| 용도        | Cover Frame                                                |
| 최대길이      | 경허중용 Table, 구조물<br>6M                                      |

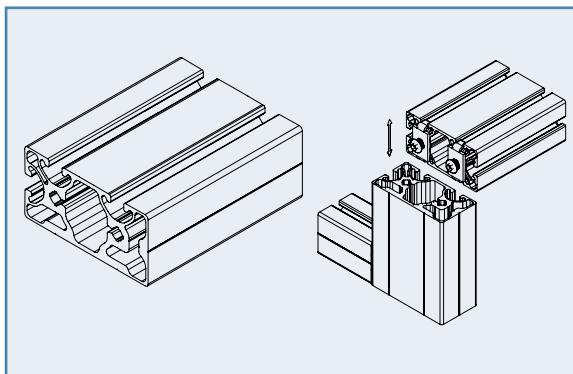
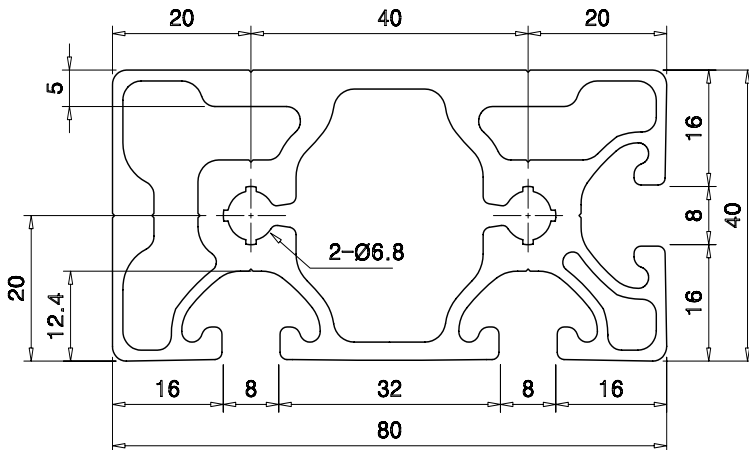
#### I TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - Ix = 16,74cm <sup>4</sup><br>- Iy = 70,41cm <sup>4</sup> |
| Sectional Area        | 1114.4mm <sup>2</sup>                                      |
| Unit Weight           | 3.01kg/m                                                   |
| Application           | Cover Frame and Structures,<br>Table for lightweight       |
| Max Length            | 6M                                                         |

## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ **TAFL4080-2L** \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL4080-2L APPLICATION SPEC |            |      |
|------|------------------------------|------------|------|
|      | Part name                    | SPEC       | PAGE |
|      | NUT                          | TSJ40, TUJ | 78   |
|      | JOINT                        | TEC4080    | 94   |

### TAFL4080-2L

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - Ix = 19,12cm <sup>4</sup><br>- Iy = 67,80cm <sup>4</sup> |
| 단면적       | 1130mm <sup>2</sup>                                        |
| 단중        | 3.11kg/m                                                   |
| 용도        | Cover Frame                                                |
| 최대길이      | 경하중용 Table, 구조물<br>6M                                      |

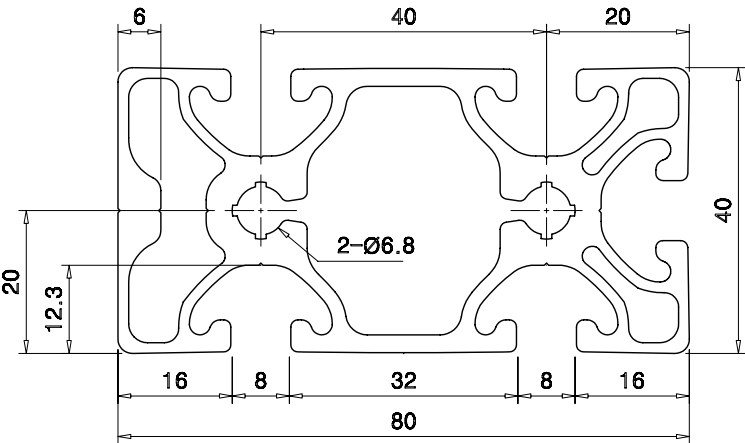
#### I TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Andized / Black Anodized                            |
| Second section Moment | - Ix = 19,12cm <sup>4</sup><br>- Iy = 67,80cm <sup>4</sup> |
| Sectional Area        | 1130mm <sup>2</sup>                                        |
| Unit Weight           | 3.11kg/m                                                   |
| Application           | Cover Frame and Structures,<br>Table for lightweight,      |
| Max Length            | 6M                                                         |

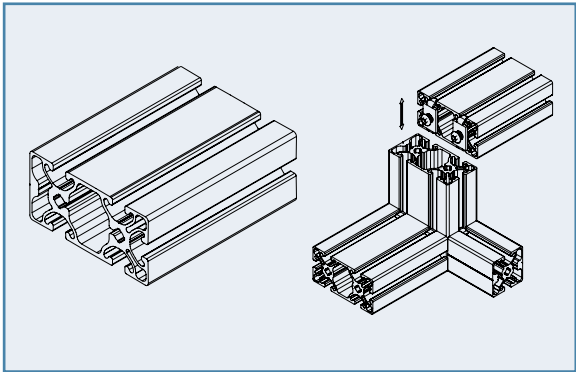
PROFILE SYSTEM

40 SERIES

- \ TAFL4040 \ TAFH4040 \ TAFL4040-1K
- \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080
- \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J
- \ TAFL4080-2L \ **TAFL4080-1T** \ TAFL4080-2H
- \ TAFL8080 \ TAFH8080 \ TAFL8080-1K
- \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040
- \ TAFH12080 \ TAFH16040 \ TAFH16080



|          |                              |                                |       |
|----------|------------------------------|--------------------------------|-------|
| 적용<br>규격 | TAFL4080-1T APPLICATION SPEC |                                |       |
|          | Part name                    | SPEC                           | PAGE  |
|          | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|          | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|          | END CAP                      | : TEC4080                      | 94    |



TAFL4080-1T

기술 DATA

|           |                                                        |
|-----------|--------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                        |
| 표면처리      | Silver Anodized / Black Anodized                       |
| 단면 2차 모멘트 | - Ix=17,11cm <sup>4</sup><br>- Iy=69,07cm <sup>4</sup> |
| 단면적       | 1112,6mm <sup>2</sup>                                  |
| 단중량       | 2,99kg/m                                               |
| 용도        | Cover Frame                                            |
| 최대길이      | 경허중용 Table, 구조물<br>6M                                  |

TECHNICAL DATA

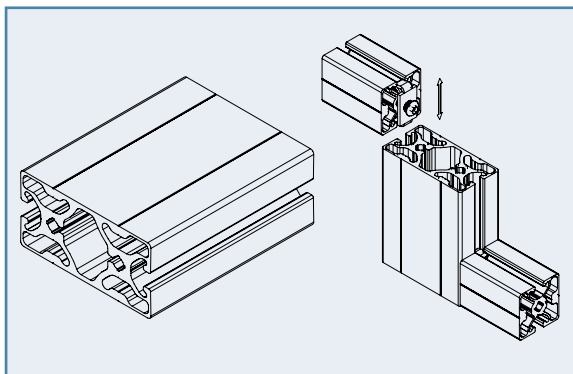
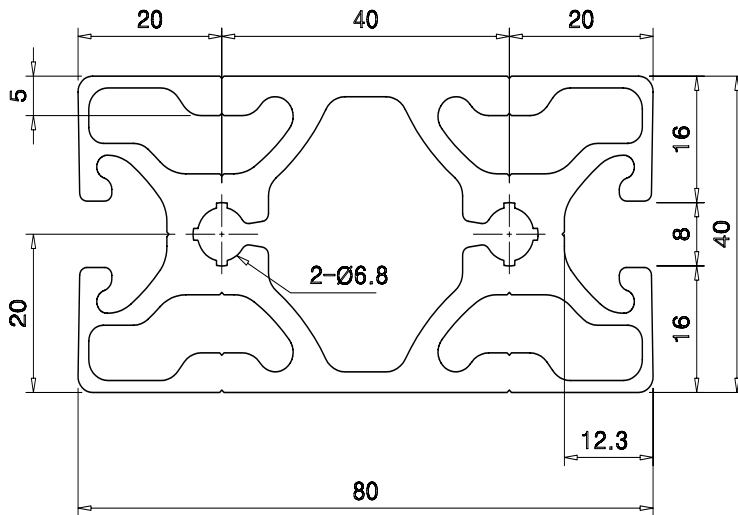
|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                    |
| Surface proocessing   | Silver Anodized / Black Anodized                       |
| Second section Moment | - Ix=17,11cm <sup>4</sup><br>- Iy=69,07cm <sup>4</sup> |
| Sectional Area        | 1112,6mm <sup>2</sup>                                  |
| Unit Weight           | 2,99kg/m                                               |
| Application           | Cover Frame and Structures,<br>Table for lightweight,  |
| Max Length            | 6M                                                     |



## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ **TAFL4080-2H**  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용구분 | TAFL4080-2H APPLICATION SPEC |                              |       |
|------|------------------------------|------------------------------|-------|
|      | Part name                    | SPEC                         | PAGE  |
|      | NUT                          | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | TEC4080                      | 94    |

### TAFL4080-2H

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - $I_x = 21,73 \text{cm}^4$<br>- $I_y = 69,45 \text{cm}^4$ |
| 단면적       | 1231,5mm <sup>2</sup>                                      |
| 단중량       | 3,38kg/m                                                   |
| 용도        | Cover Frame                                                |
| 최대길이      | 경하중용 Table, 구조물<br>6M                                      |

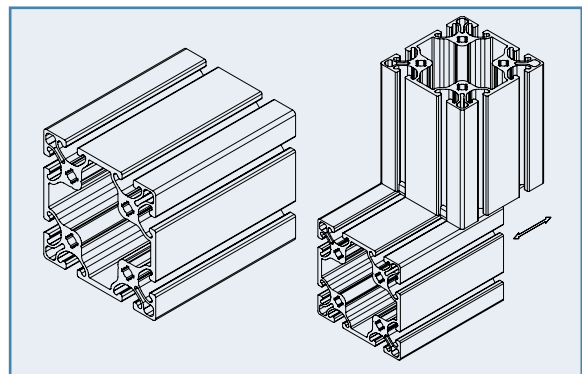
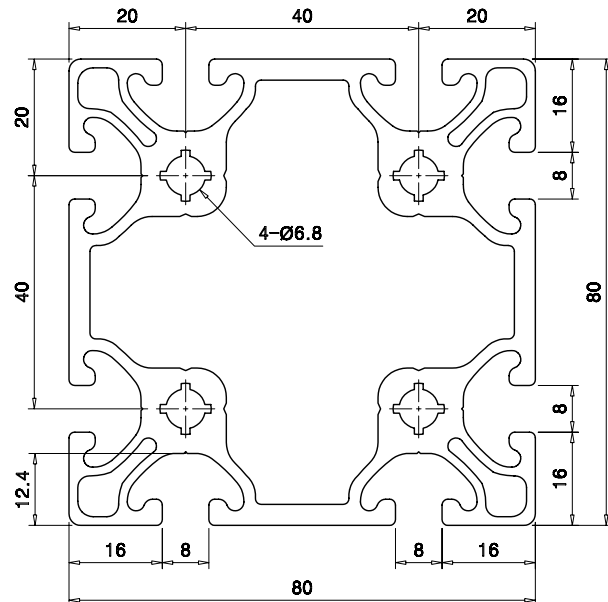
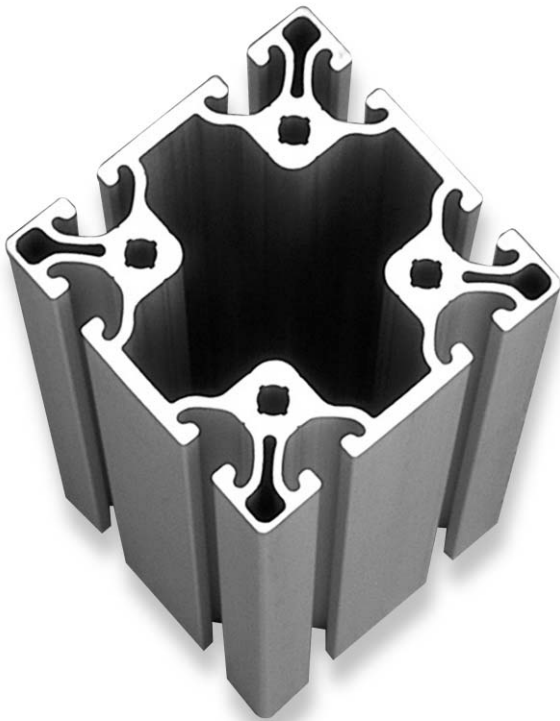
#### I TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - $I_x = 21,73 \text{cm}^4$<br>- $I_y = 69,45 \text{cm}^4$ |
| Sectional Area        | 1231,5mm <sup>2</sup>                                      |
| Unit Weight           | 3,38kg/m                                                   |
| Application           | Cover Frame and Structures,<br>Table for lightweight,      |
| Max Length            | 6M                                                         |

## PROFILE SYSTEM

## 40 SERIES

\ TAFL4040      \ TAFH4040      \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080      \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ **TAFL8080**      \ TAFH8080      \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080    \ TAFH16040    \ TAFH16080



| 적용<br>규격 | TAFL8080 APPLICATION SPEC          |      |       |
|----------|------------------------------------|------|-------|
|          | Part name                          | SPEC | PAGE  |
|          | NUT : TBN3, TBN4, TBN5, TBN6, TBN8 |      | 78    |
|          | JOINT : TSJ40, TUJ                 |      | 79,80 |
|          | END CAP : TEC8080                  |      | 94    |

**TAFL8080**

| 기술 DATA |

|              |                                                                |
|--------------|----------------------------------------------------------------|
| 재질           | AL합금(A6N01s-T5)                                                |
| 표면처리         | Silver Anodized / Black Anodized                               |
| 단면 2차<br>모멘트 | $- I_x = 124,165 \text{cm}^4$<br>$- I_y = 124,165 \text{cm}^4$ |
| 단면적          | 1795.7mm <sup>2</sup>                                          |
| 단중량          | 4.87kg/m                                                       |
| 용도           | Work frame, Lifter frame,<br>전용기 frame                         |
| 최대길이         | 6M                                                             |

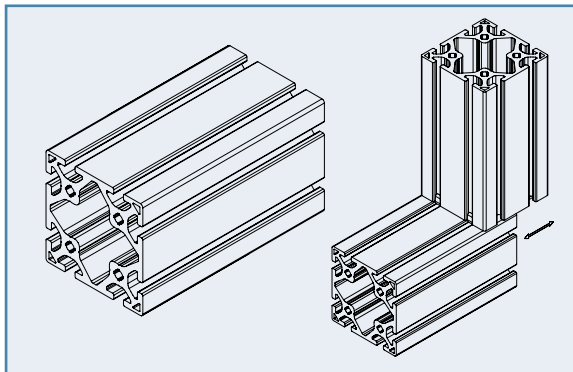
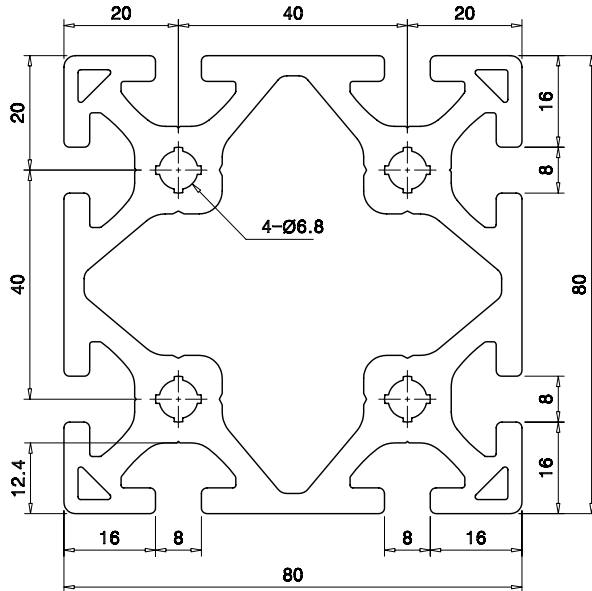
## I TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6N01s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - $I_x=124,165\text{cm}^4$<br>- $I_y=124,165\text{cm}^4$   |
| Sectional Area        | 1795,7mm <sup>2</sup>                                      |
| Unit Weight           | 4,87kg/m                                                   |
| Application           | Work frame Lifter frame,<br>General engineering structure. |
| Max Length            | 6M                                                         |

## PROFILE SYSTEM

### I40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ **TAFH8080** \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFH8080 APPLICATION SPEC |                                |       |
|------|---------------------------|--------------------------------|-------|
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | : TEC8080                      | 94    |

### TAFH8080

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - $I_x = 169,93\text{cm}^4$<br>- $I_y = 169,93\text{cm}^4$ |
| 단면적       | 2395mm <sup>2</sup>                                        |
| 단중        | 6.65kg/m                                                   |
| 용도        | Work frame, Lifter frame,<br>전용기 frame                     |
| 최대길이      | 6M                                                         |

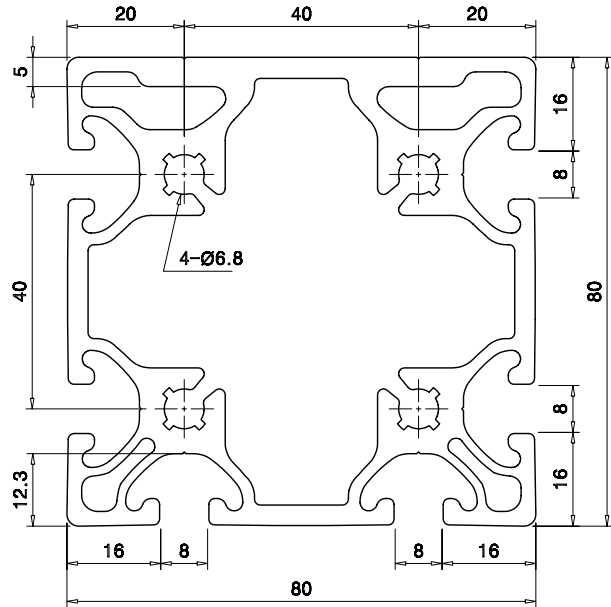
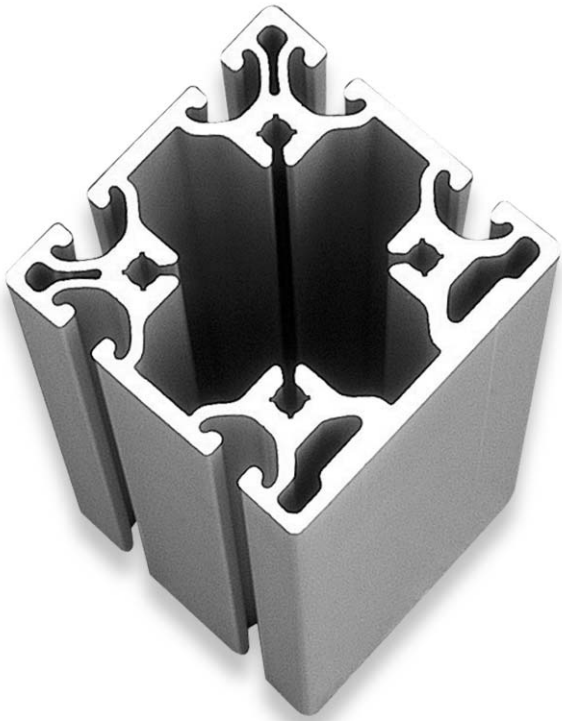
#### I TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Andized / Black Anodized                            |
| Second section Moment | - $I_x = 169,93\text{cm}^4$<br>- $I_y = 169,93\text{cm}^4$ |
| Sectional Area        | 2395mm <sup>2</sup>                                        |
| Unit Weight           | 6.65kg/m                                                   |
| Application           | Work frame Lifter frame,<br>General engineering structure, |
| Max Length            | 6M                                                         |

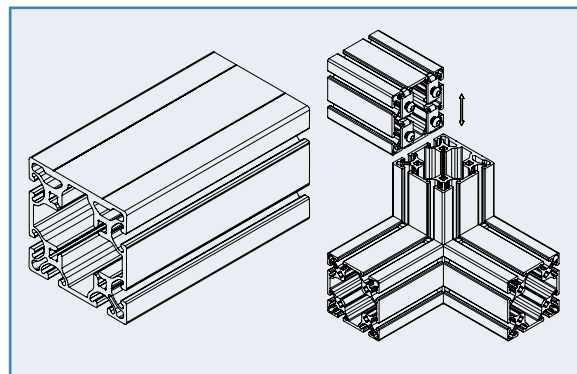
## PROFILE SYSTEM

### 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ **TAFL8080-1K**  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL8080-1K APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | : TEC8080                      | 94    |



### TAFL8080-1K

#### 기술 DATA I

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | Al합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 131,041\text{cm}^4$<br>- $I_y = 142,661\text{cm}^4$ |
| 단면적       | 1847.1mm <sup>2</sup>                                        |
| 단중량       | 5.08kg/m                                                     |
| 용도        | Work frame, Lifter frame,<br>전용기 frame                       |
| 최대길이      | 6M                                                           |

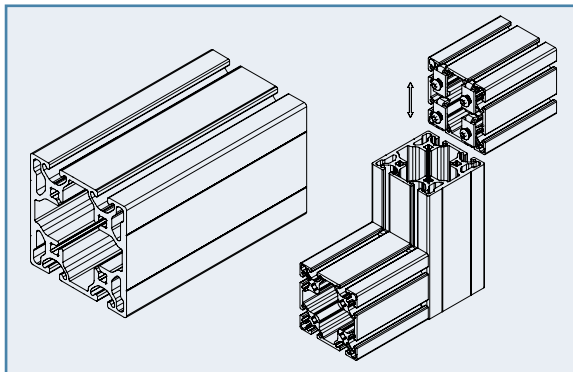
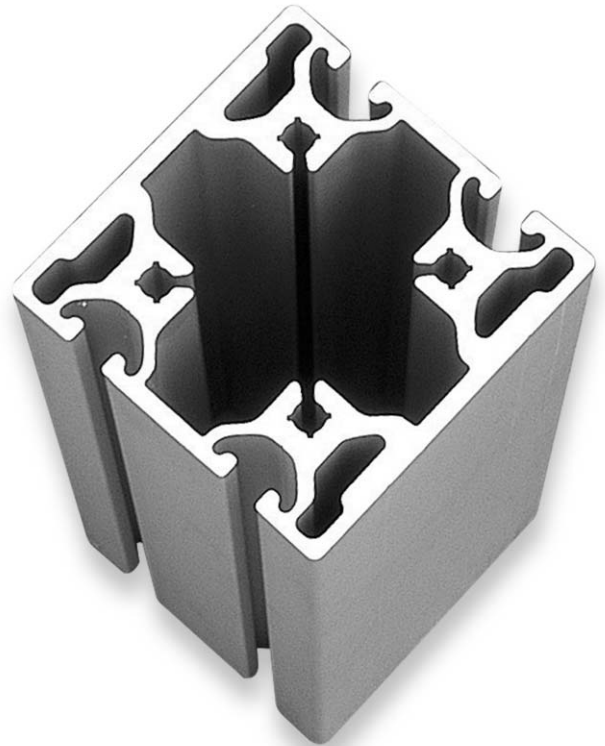
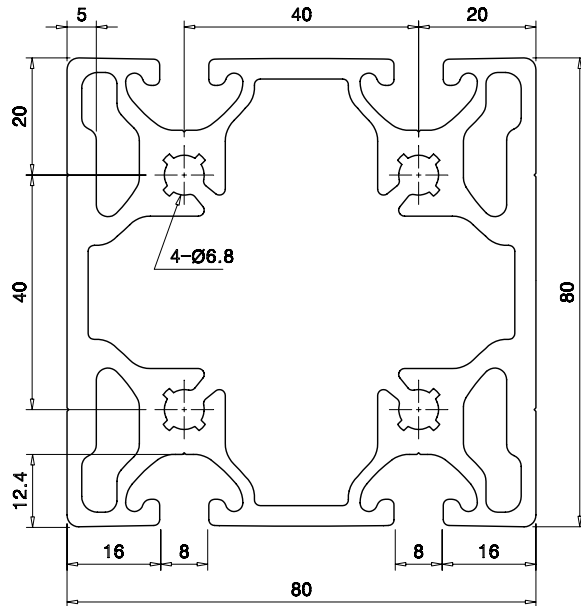
#### TECHNICAL DATA I

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 131,041\text{cm}^4$<br>- $I_y = 142,661\text{cm}^4$ |
| Sectional Area        | 1847.1mm <sup>2</sup>                                        |
| Unit Weight           | 5.08kg/m                                                     |
| Application           | Work frame Lifter frame,<br>General engineering structure,   |
| Max Length            | 6M                                                           |

## PROFILE SYSTEM

### I 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ **TAFL8080-2H** \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL8080-2H APPLICATION SPEC |                                |       |
|------|------------------------------|--------------------------------|-------|
|      | Part name                    | SPEC                           | PAGE  |
|      | NUT                          | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | : TEC8080                      | 94    |

### TAFL8080-2H

#### I 기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - Ix=135,320cm <sup>4</sup><br>- Iy=161,019cm <sup>4</sup> |
| 단면적       | 1981.4mm <sup>2</sup>                                      |
| 단중        | 5.45kg/m                                                   |
| 용도        | Work frame, Lifter frame,<br>전용기 frame                     |
| 최대길이      | 6M                                                         |

#### I TECHNICAL DATA I

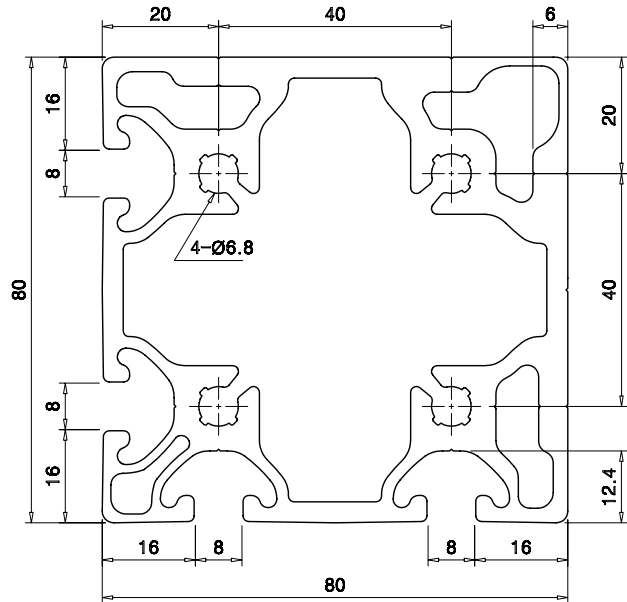
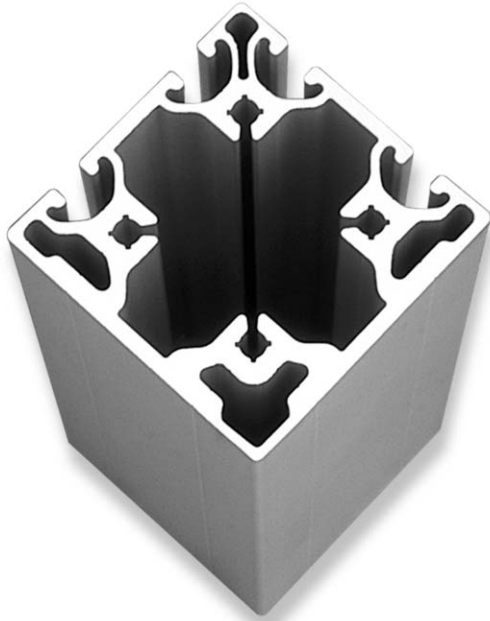
|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - Ix=135,320cm <sup>4</sup><br>- Iy=161,019cm <sup>4</sup> |
| Sectional Area        | 1981.4mm <sup>2</sup>                                      |
| Unit Weight           | 5.45kg/m                                                   |
| Application           | Work frame Lifter frame,<br>General engineering structure, |
| Max Length            | 6M                                                         |



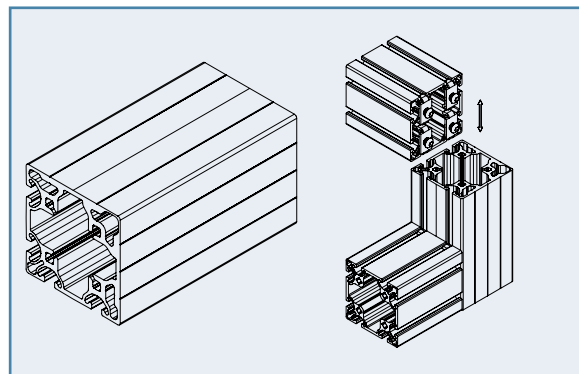
## PROFILE SYSTEM

### 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ **TAFL8080-2L** \ TAFH12040  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFL8080-2L APPLICATION SPEC |                              |       |
|------|------------------------------|------------------------------|-------|
|      | Part name                    | SPEC                         | PAGE  |
|      | NUT                          | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                        | TSJ40, TUJ                   | 79,80 |
|      | END CAP                      | TEC8080                      | 94    |



### TAFL8080-2L

#### 기술 DATA I

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| 재질        | AL합금(A6N01s-T5)                                                  |
| 표면처리      | Silver Anodized / Black Anodized                                 |
| 단면 2차 모멘트 | - $I_x = 129,461 \text{ cm}^4$<br>- $I_y = 132,688 \text{ cm}^4$ |
| 단면적       | 1788.23mm <sup>2</sup>                                           |
| 단중량       | 4.91kg/m                                                         |
| 용도        | Work frame, Lifter frame,<br>전용기 frame                           |
| 최대길이      | 6M                                                               |

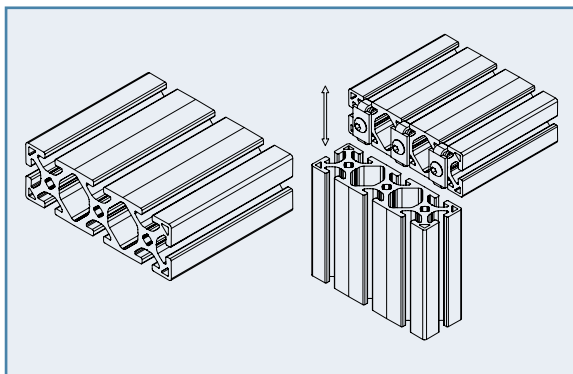
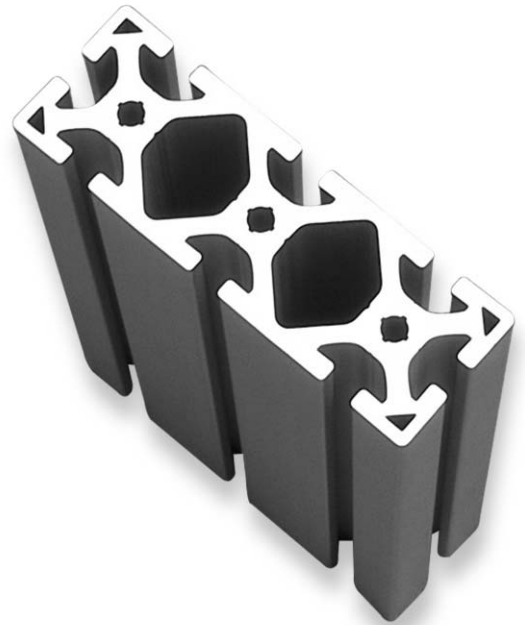
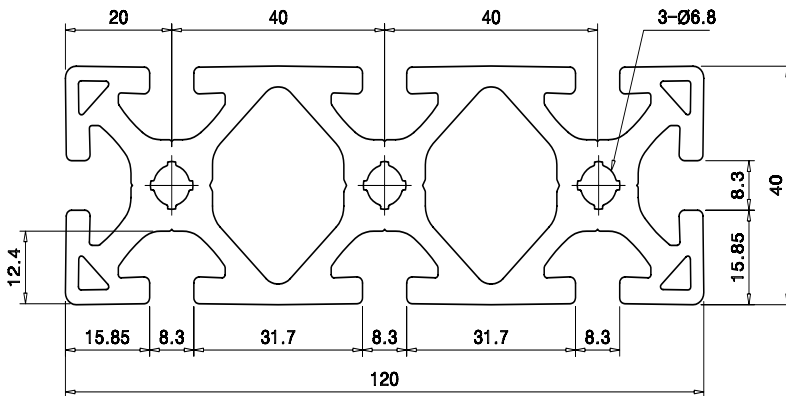
#### TECHNICAL DATA I

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Quality of material   | Al Alloy(A6N01s-T5)                                              |
| Surface processing    | Silver Anodized / Black Anodized                                 |
| Second section Moment | - $I_x = 129,461 \text{ cm}^4$<br>- $I_y = 132,688 \text{ cm}^4$ |
| Sectional Area        | 1788.23mm <sup>2</sup>                                           |
| Unit Weight           | 4.91kg/m                                                         |
| Application           | Work frame Lifter frame,<br>General engineering structure,       |
| Max Length            | 6M                                                               |

## PROFILE SYSTEM

### I 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ **TAFH12040**  
 \ TAFH12080 \ TAFH16040 \ TAFH16080



| 적용규격 | TAFH12040 APPLICATION SPEC |                              |       |
|------|----------------------------|------------------------------|-------|
|      | Part name                  | SPEC                         | PAGE  |
|      | NUT                        | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                      | TSJ40, TUJ                   | 79,80 |
|      | END CAP                    |                              |       |

### TAFH12040

#### I 기술 DATA I

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 35,60 \text{ cm}^4$<br>- $I_y = 285,5 \text{ cm}^4$ |
| 단면적       | 2137mm <sup>2</sup>                                          |
| 단중        | 5.8kg/m                                                      |
| 용도        | 전용기 frame 및 구조물                                              |
| 최대길이      | 6M                                                           |

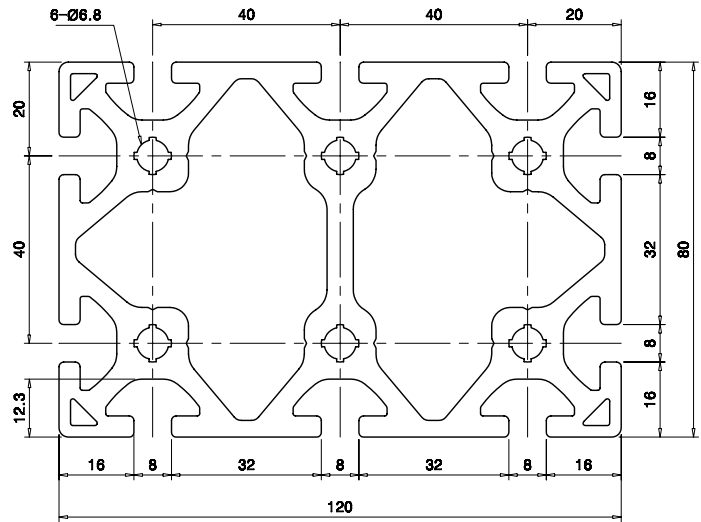
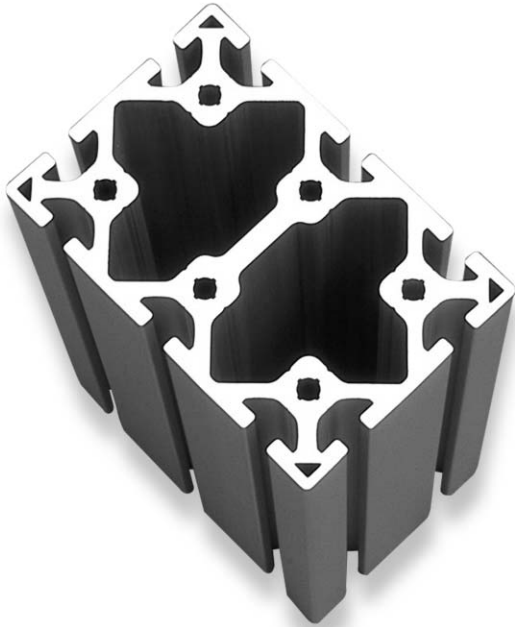
#### I TECHNICAL DATA I

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 35,60 \text{ cm}^4$<br>- $I_y = 285,5 \text{ cm}^4$ |
| Sectional Area        | 2137mm <sup>2</sup>                                          |
| Unit Weight           | 5.8kg/m                                                      |
| Application           | General engineering structure.                               |
| Max Length            | 6M                                                           |

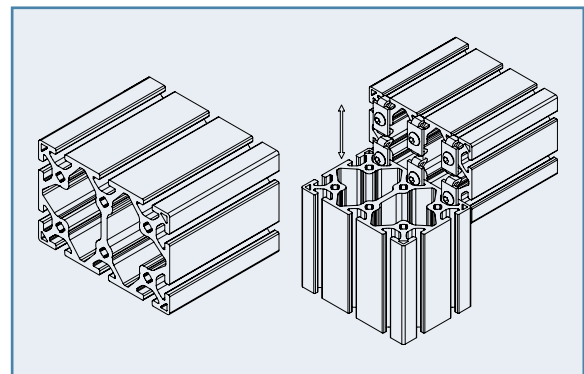
## PROFILE SYSTEM

### 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ **TAFH12080** \ TAFH16040 \ TAFH16080



| 적용규격 | TAFH12080 APPLICATION SPEC |                                |       |
|------|----------------------------|--------------------------------|-------|
|      | Part name                  | SPEC                           | PAGE  |
|      | NUT                        | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                      | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                    | :                              |       |



### TAFH12080

#### 기술 DATA

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 573.3 \text{ cm}^4$<br>- $I_y = 281.6 \text{ cm}^4$ |
| 단면적       | 3849mm <sup>2</sup>                                          |
| 단중        | 10.5kg/m                                                     |
| 용도        | 전용기 frame 및 구조물                                              |
| 최대길이      | 6M                                                           |

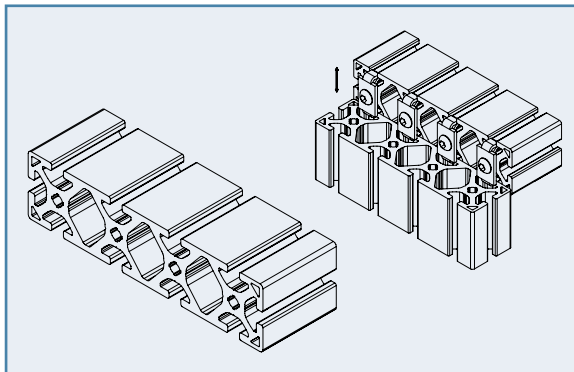
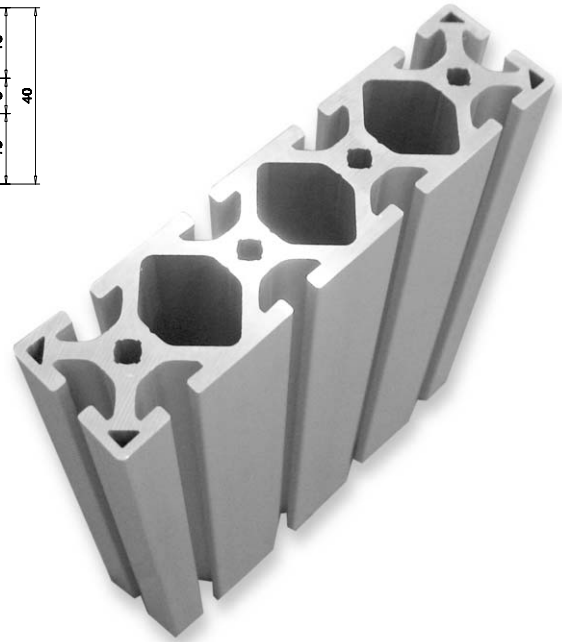
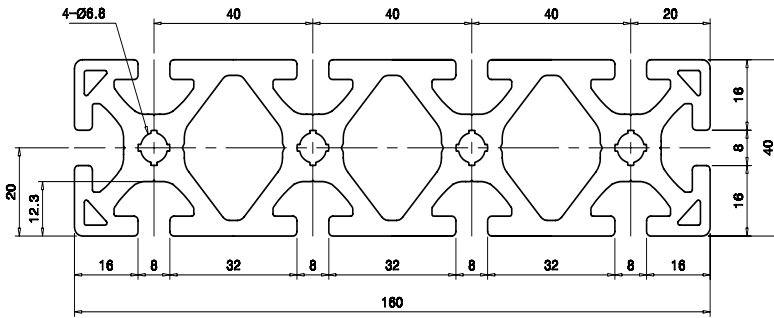
#### TECHNICAL DATA

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 573.3 \text{ cm}^4$<br>- $I_y = 281.6 \text{ cm}^4$ |
| Sectional Area        | 3849mm <sup>2</sup>                                          |
| Unit Weight           | 10.5kg/m                                                     |
| Application           | General engineering structure.                               |
| Max Length            | 6M                                                           |

## PROFILE SYSTEM

### I 40 SERIES

\ TAFL4040 \ TAFH4040 \ TAFL4040-1K  
 \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080  
 \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J  
 \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H  
 \ TAFL8080 \ TAFH8080 \ TAFL8080-1K  
 \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040  
 \ TAFH12080 \ **TAFH16040** \ TAFH16080



| 적용규격 | TAFH16040 APPLICATION SPEC |                                |       |
|------|----------------------------|--------------------------------|-------|
|      | Part name                  | SPEC                           | PAGE  |
|      | NUT                        | : NBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                      | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                    | : TEC16040                     | 94    |

### TAFH16040

#### I 기술 DATA I

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 660.5 \text{ cm}^4$<br>- $I_y = 48.08 \text{ cm}^4$ |
| 단면적       | 2790mm <sup>2</sup>                                          |
| 단중량       | 8.41kg/m                                                     |
| 용도        | 전용기 frame 및 구조물                                              |
| 최대길이      | 6M                                                           |

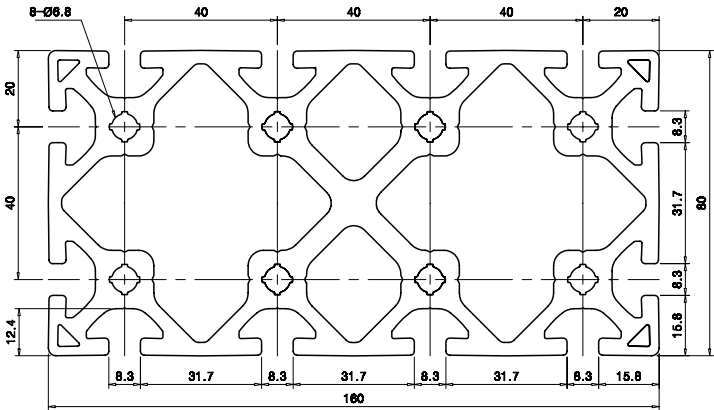
#### I TECHNICAL DATA I

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Andized / Black Anodized                              |
| Second section Moment | - $I_x = 660.5 \text{ cm}^4$<br>- $I_y = 48.08 \text{ cm}^4$ |
| Sectional Area        | 2790mm <sup>2</sup>                                          |
| Unit Weight           | 8.41kg/m                                                     |
| Application           | General engineering structure.                               |
| Max Length            | 6M                                                           |

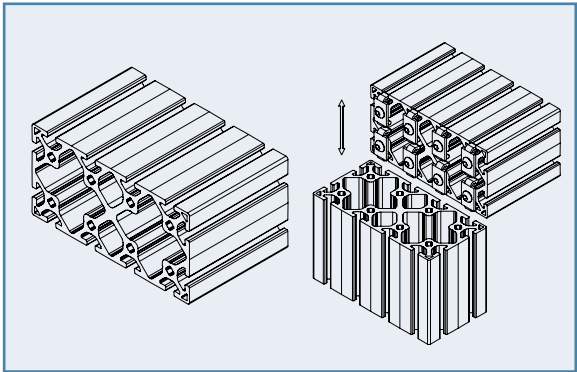
PROFILE SYSTEM

40 SERIES

- \ TAFL4040 \ TAFH4040 \ TAFL4040-1K
- \ TAFL4040-2H \ TAFL4040-2L \ TAFL4080
- \ TAFH4080 \ TAFL4080-1K \ TAFL4080-2J
- \ TAFL4080-2L \ TAFL4080-1T \ TAFL4080-2H
- \ TAFL8080 \ TAFH8080 \ TAFL8080-1K
- \ TAFL8080-2H \ TAFL8080-2L \ TAFH12040
- \ TAFH12080 \ TAFH16040 \ **TAFH16080**



| 적용규격 | TAFH16080 APPLICATION SPEC |                                |       |
|------|----------------------------|--------------------------------|-------|
|      | Part name                  | SPEC                           | PAGE  |
|      | NUT                        | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                      | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                    | :                              |       |



TAFH16080

기술 DATA

|           |                                                             |
|-----------|-------------------------------------------------------------|
| 재질        | Al합금(A6NO1s-T5)                                             |
| 표면처리      | Silver Anodized / Black Anodized                            |
| 단면 2차 모멘트 | - Ix = 314.9cm <sup>4</sup><br>- Iy = 1068.9cm <sup>4</sup> |
| 단면적       | 4438mm <sup>2</sup>                                         |
| 단중        | 11.9kg/m                                                    |
| 용도        | 전용기 frame 및 구조물                                             |
| 최대길이      | 6M                                                          |

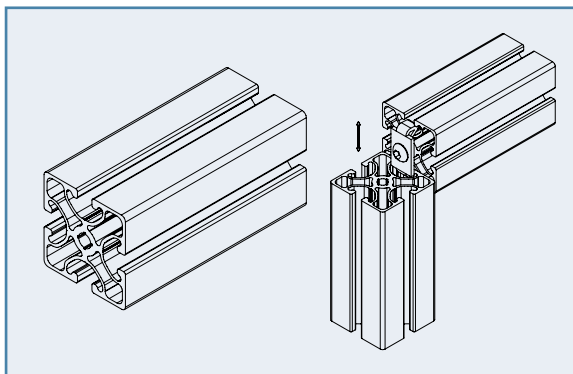
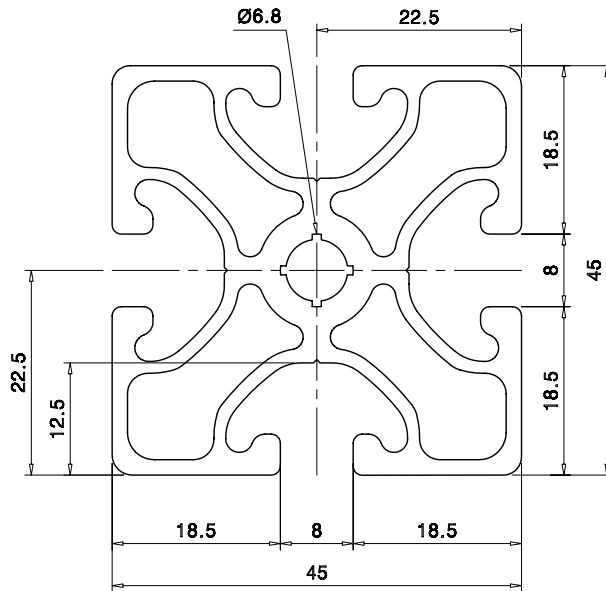
TECHNICAL DATA

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                         |
| Surface processing    | Silver Anodized / Black Anodized                            |
| Second section Moment | - Ix = 314.9cm <sup>4</sup><br>- Iy = 1068.9cm <sup>4</sup> |
| Sectional Area        | 4438mm <sup>2</sup>                                         |
| Unit Weight           | 11.9kg/m                                                    |
| Application           | General engineering structure.                              |
| Max Length            | 6M                                                          |

## PROFILE SYSTEM

145 SERIES

\ TAFL4545 \ TAFL4560 \ TAFL4590 \ TAFL9090



| 적용규격 | TAFL4545 APPLICATION SPEC |                                |       |
|------|---------------------------|--------------------------------|-------|
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | : TEC4545                      | 94    |

### TAFL4545

#### 기술 DATA

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 12,68 \text{ cm}^4$<br>- $I_y = 12,68 \text{ cm}^4$ |
| 단면적       | 665,1mm <sup>2</sup>                                         |
| 단중량       | 1,764kg/m                                                    |
| 용도        | Work table 및 구조물                                             |
| 최대길이      | 6M                                                           |

#### TECHNICAL DATA

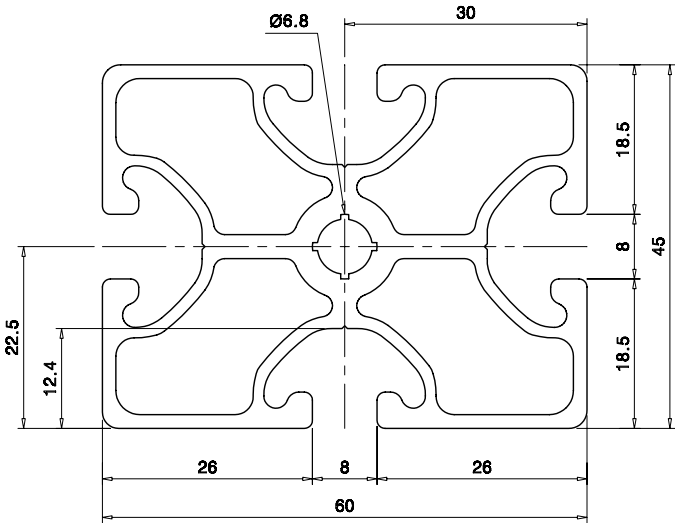
|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Andized / Black Anodized                              |
| Second section Moment | - $I_x = 12,68 \text{ cm}^4$<br>- $I_y = 12,68 \text{ cm}^4$ |
| Sectional Area        | 665,1mm <sup>2</sup>                                         |
| Unit Weight           | 1,764kg/m                                                    |
| Application           | Work table & Structures,                                     |
| Max Length            | 6M                                                           |



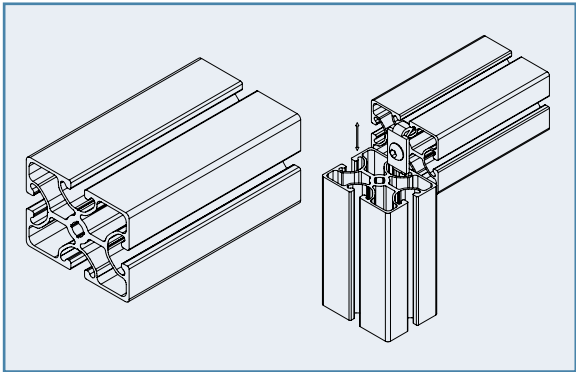
PROFILE SYSTEM

45 SERIES

TAFL4545 \ TAFL4560 \ TAFL4590 \ TAFL9090



|      |                           |                                |       |
|------|---------------------------|--------------------------------|-------|
| 적용규격 | TAFL4560 APPLICATION SPEC |                                |       |
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | : TEC4560                      | 94    |



TAFL4560

기술 DATA I

|           |                                                           |
|-----------|-----------------------------------------------------------|
| 재질        | Al합금(A6NO1s-T5)                                           |
| 표면처리      | Silver Anodized / Black Anodized                          |
| 단면 2차 모멘트 | - Ix =25,43cm <sup>4</sup><br>- Iy =14,918cm <sup>4</sup> |
| 단면적       | 757,6mm <sup>2</sup>                                      |
| 단중량       | 2,011kg/m                                                 |
| 용도        | Work table 및 구조물                                          |
| 최대길이      | 6M                                                        |

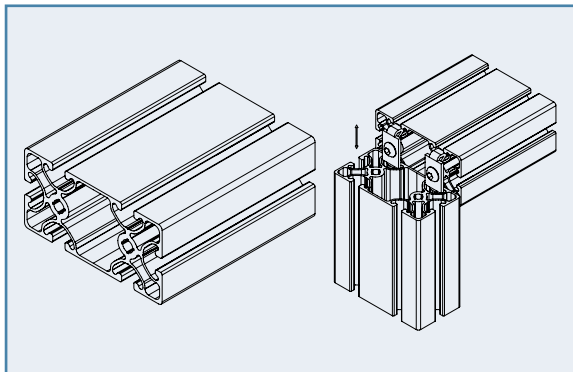
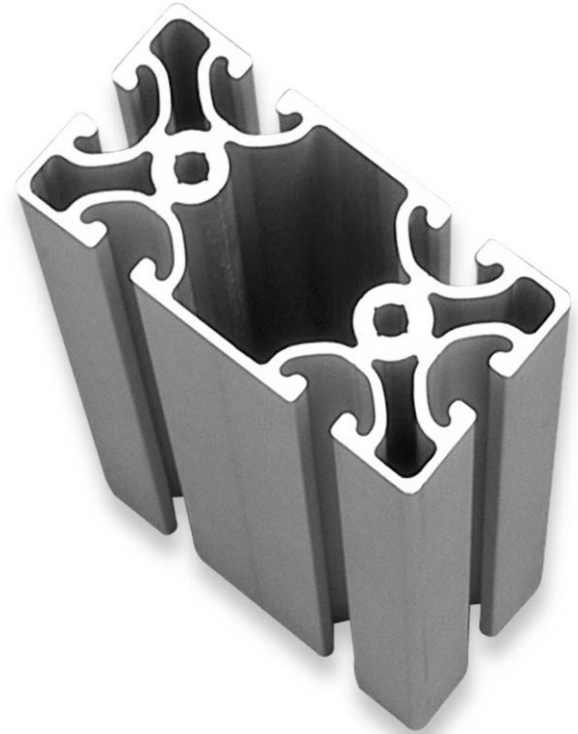
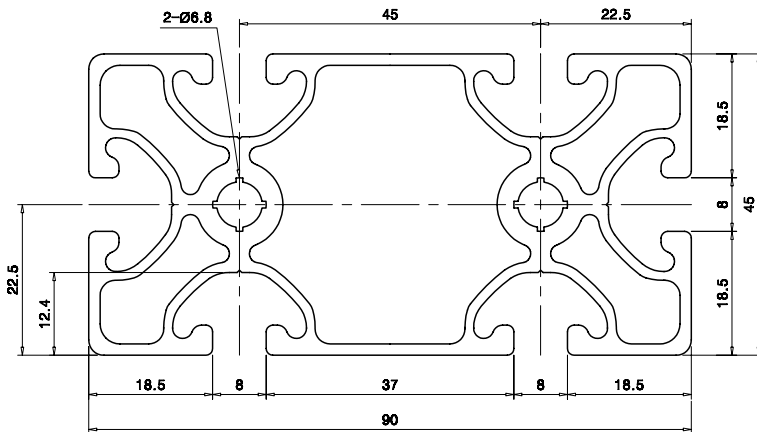
TECHNICAL DATA I

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                       |
| Surface proocessing   | Silver Anodized / Black Anodized                          |
| Second section Moment | - Ix =25,43cm <sup>4</sup><br>- Iy =14,918cm <sup>4</sup> |
| Sectional Area        | 757,6mm <sup>2</sup>                                      |
| Unit Weight           | 2,011kg/m                                                 |
| Application           | Work table & Structures,                                  |
| Max Length            | 6M                                                        |

## PROFILE SYSTEM

### I45 SERIES

\ TAFL4545 \ TAFL4560 \ **TAFL4590** \ TAFL9090



| 적용규격 | TAFL4590 APPLICATION SPEC |                              |       |
|------|---------------------------|------------------------------|-------|
|      | Part name                 | SPEC                         | PAGE  |
|      | NUT                       | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | TSJ40, TUJ                   | 79,80 |
|      | END CAP                   | TEC4590                      | 94    |

#### TAFL4590

#### I 기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - $I_x = 90,89\text{cm}^4$<br>- $I_y = 22,19\text{cm}^4$ |
| 단면적       | 1043,7mm <sup>2</sup>                                    |
| 단중량       | 2,77kg/m                                                 |
| 용도        | Work table 및 구조물                                         |
| 최대길이      | 6M                                                       |

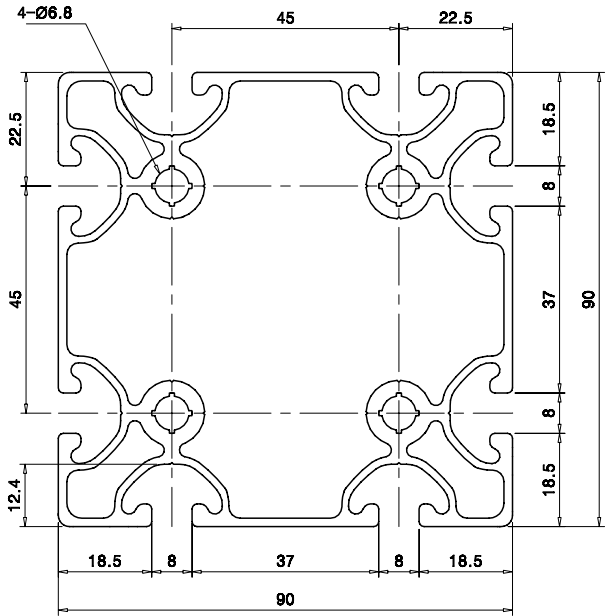
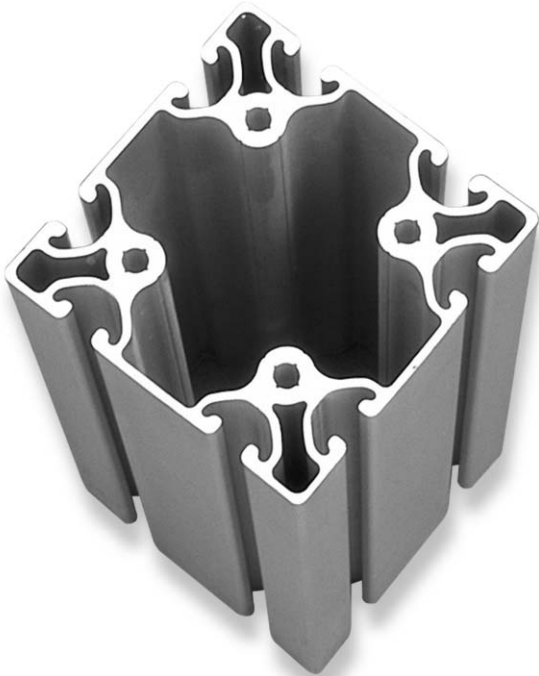
#### I TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - $I_x = 90,89\text{cm}^4$<br>- $I_y = 22,19\text{cm}^4$ |
| Sectional Area        | 1043,7mm <sup>2</sup>                                    |
| Unit Weight           | 2,77kg/m                                                 |
| Application           | Work table & Structures,                                 |
| Max Length            | 6M                                                       |

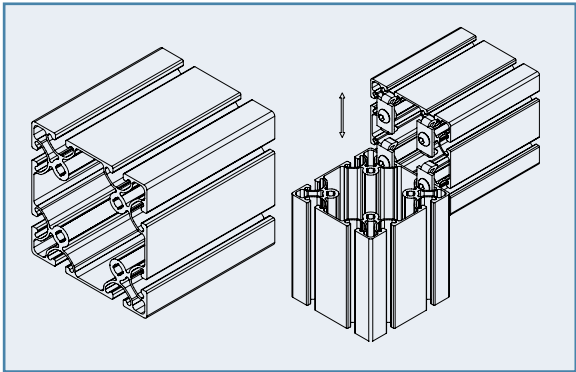
PROFILE SYSTEM

45 SERIES

TAFL4545 \ TAFL4560 \ TAFL4590 \ TAFL9090



| 적용규격 | TAFL9090 APPLICATION SPEC |                                |       |
|------|---------------------------|--------------------------------|-------|
|      | Part name                 | SPEC                           | PAGE  |
|      | NUT                       | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | : TSJ30, TUJ                   | 79,80 |
|      | END CAP                   | : TEC9090                      | 94    |



TAFL9090

기술 DATA I

|           |                                                          |
|-----------|----------------------------------------------------------|
| 재질        | Al합금(A6NO1s-T5)                                          |
| 표면처리      | Silver Anodized / Black Anodized                         |
| 단면 2차 모멘트 | - Ix=153.41cm <sup>4</sup><br>- Iy=153.41cm <sup>4</sup> |
| 단면적       | 1619.4mm <sup>2</sup>                                    |
| 단중        | 4.32kg/m                                                 |
| 용도        | Work table 및 구조물                                         |
| 최대길이      | 6M                                                       |

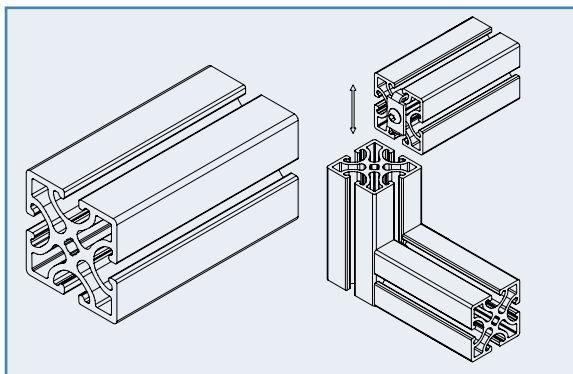
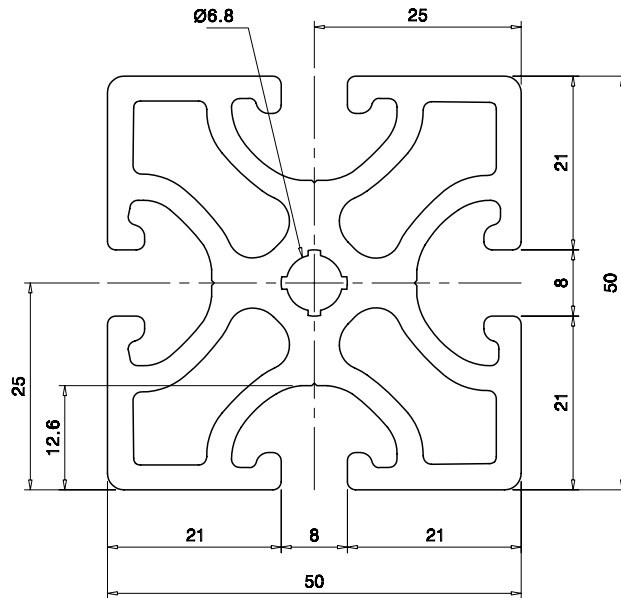
TECHNICAL DATA I

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - Ix=153.41cm <sup>4</sup><br>- Iy=153.41cm <sup>4</sup> |
| Sectional Area        | 1619.4mm <sup>2</sup>                                    |
| Unit Weight           | 4.32kg/m                                                 |
| Application           | Work table & Structures,                                 |
| Max Length            | 6M                                                       |

## PROFILE SYSTEM

150 SERIES

\ TAFH5050 \ TAFH10050



| 적용규격 | TAFH5050 APPLICATION SPEC |                              |       |
|------|---------------------------|------------------------------|-------|
|      | Part name                 | SPEC                         | PAGE  |
|      | NUT                       | TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                     | TSJ50, TUJ                   | 79,80 |
|      | END CAP                   | TEC5050                      | 94    |

### TAFH5050

#### 기술 DATA

|           |                                                              |
|-----------|--------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                              |
| 표면처리      | Silver Anodized / Black Anodized                             |
| 단면 2차 모멘트 | - $I_x = 25,48 \text{ cm}^4$<br>- $I_y = 25,48 \text{ cm}^4$ |
| 단면적       | 1097,2mm <sup>2</sup>                                        |
| 단중        | 3,23kg/m                                                     |
| 용도        | Work table 및 구조물                                             |
| 최대길이      | 6M                                                           |

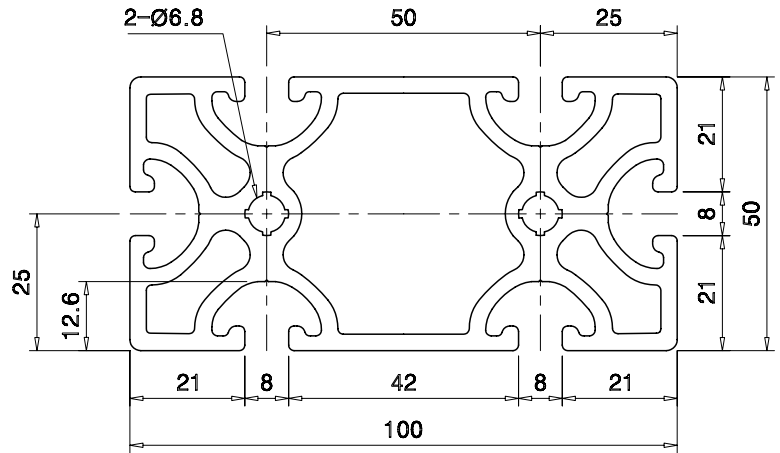
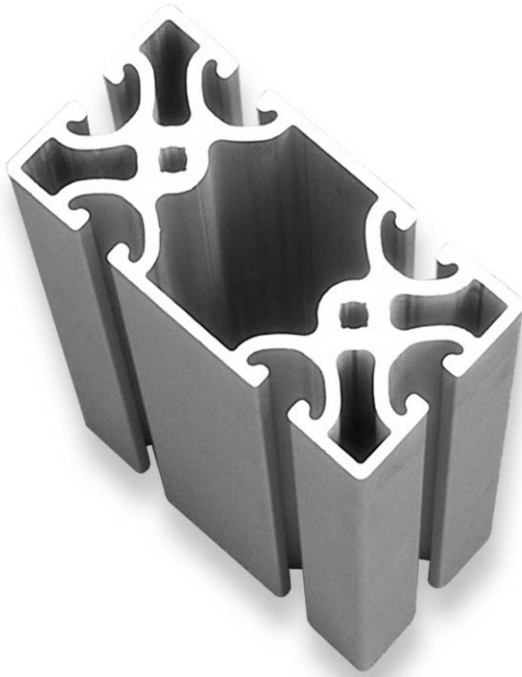
#### TECHNICAL DATA

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                          |
| Surface processing    | Silver Anodized / Black Anodized                             |
| Second section Moment | - $I_x = 25,48 \text{ cm}^4$<br>- $I_y = 25,48 \text{ cm}^4$ |
| Sectional Area        | 1097,2mm <sup>2</sup>                                        |
| Unit Weight           | 3,23kg/m                                                     |
| Application           | Work table & Structures,                                     |
| Max Length            | 6M                                                           |

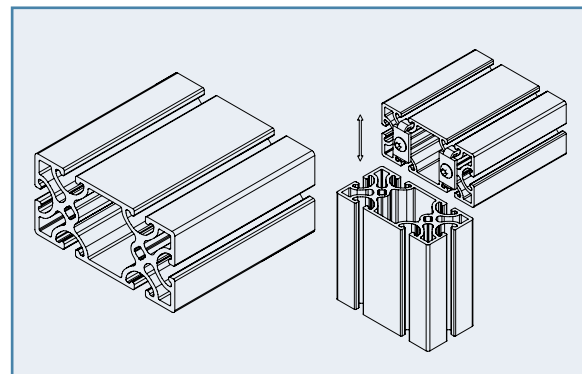
## PROFILE SYSTEM

150 SERIES

\ TAFH5050 \ TAFH10050



| 적용규격 | TAFH10050 APPLICATION SPEC |                                |       |
|------|----------------------------|--------------------------------|-------|
|      | Part name                  | SPEC                           | PAGE  |
|      | NUT                        | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                      | : TSJ50, TUJ                   | 79,80 |
|      | END CAP                    | : TEC10050                     | 94    |



### TAFH10050

#### 기술 DATA I

|           |                                                             |
|-----------|-------------------------------------------------------------|
| 재질        | Al합금(A6NO1s-T5)                                             |
| 표면처리      | Silver Anodized / Black Anodized                            |
| 단면 2차 모멘트 | - Ix = 45,44cm <sup>4</sup><br>- Iy = 184,21cm <sup>4</sup> |
| 단면적       | 1708,12mm <sup>2</sup>                                      |
| 단중        | 4,61kg/m                                                    |
| 용도        | Work table 및 구조물                                            |
| 최대길이      | 6M                                                          |

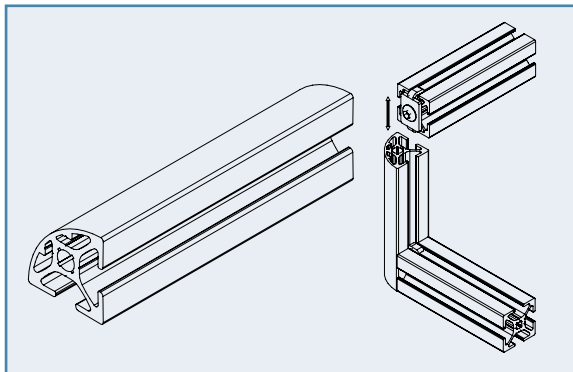
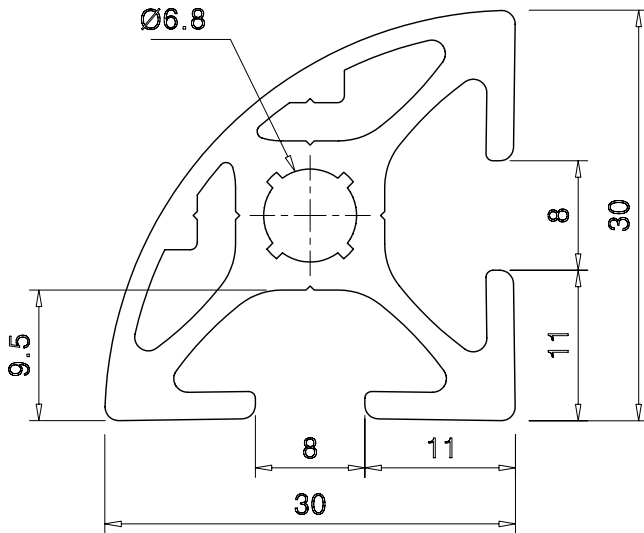
#### TECHNICAL DATA I

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                         |
| Surface processing    | Silver Anodized / Black Anodized                            |
| Second section Moment | - Ix = 45,44cm <sup>4</sup><br>- Iy = 184,21cm <sup>4</sup> |
| Sectional Area        | 1708,12mm <sup>2</sup>                                      |
| Unit Weight           | 4,61kg/m                                                    |
| Application           | Work table & Structures,                                    |
| Max Length            | 6M                                                          |

## PROFILE SYSTEM

### ROUND SERIES

\ TAFR30 \ TAFR40



| 적용규격 | TAFR30 APPLICATION SPEC |            |       |
|------|-------------------------|------------|-------|
|      | Part name               | SPEC       | PAGE  |
|      | NUT                     | TSJ30, TUJ | 78    |
|      | JOINT                   | TSJ30, TUJ | 79,80 |
|      | END CAP                 | -          | -     |

#### TAFR30

#### 기술 DATA

|           |                                                             |
|-----------|-------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                             |
| 표면처리      | Silver Anodized / Black Anodized                            |
| 단면 2차 모멘트 | - $I_x = 1.76 \text{ cm}^4$<br>- $I_y = 3.155 \text{ cm}^4$ |
| 단면적       | 308.9mm <sup>2</sup>                                        |
| 단중량       | 0.83kg/m                                                    |
| 용도        | CORNER 부분에 사용                                               |
| 최대길이      | 6M                                                          |

#### TECHNICAL DATA

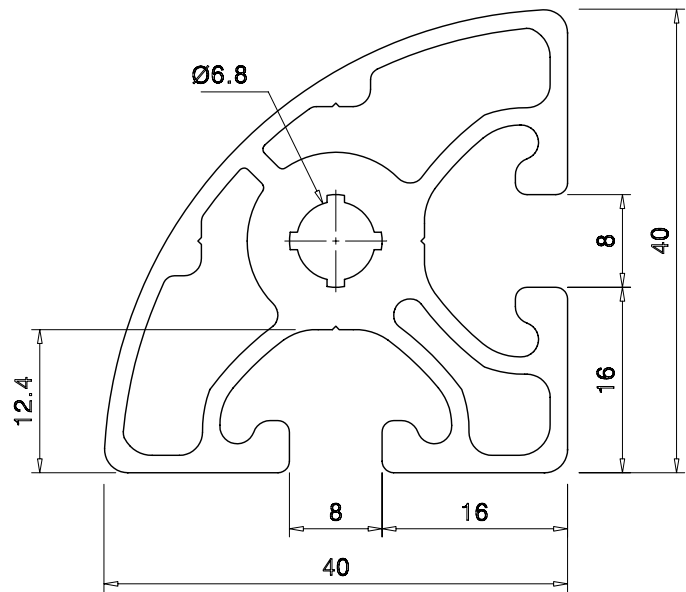
|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                         |
| Surface processing    | Silver Anodized / Black Anodized                            |
| Second section Moment | - $I_x = 1.76 \text{ cm}^4$<br>- $I_y = 3.155 \text{ cm}^4$ |
| Sectional Area        | 308.9mm <sup>2</sup>                                        |
| Unit Weight           | 0.83kg/m                                                    |
| Application           | Use for corner                                              |
| Max Length            | 6M                                                          |



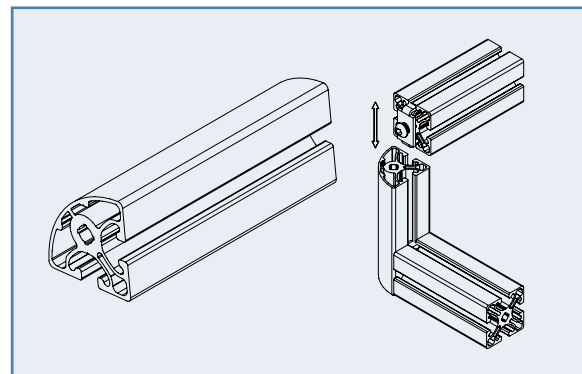
## PROFILE SYSTEM

### ROUND SERIES

\ TAFR30 \ TAFR40



| 적용규격 | TAFR40 APPLICATION SPEC |                                |       |
|------|-------------------------|--------------------------------|-------|
|      | Part name               | SPEC                           | PAGE  |
|      | NUT                     | : TBN3, TBN4, TBN5, TBN6, TBN8 | 78    |
|      | JOINT                   | : TSJ40, TUJ                   | 79,80 |
|      | END CAP                 | : -                            |       |



### TAFR40

#### 기술 DATA I

|           |                                                         |
|-----------|---------------------------------------------------------|
| 재질        | Al합금(A6NO1s-T5)                                         |
| 표면처리      | Silver Anodized / Black Anodized                        |
| 단면 2차 모멘트 | - $I_x = 4.66\text{cm}^4$<br>- $I_y = 7.220\text{cm}^4$ |
| 단면적       | 493.5mm <sup>2</sup>                                    |
| 단중        | 1.333kg/m                                               |
| 용도        | CORNER 부분에 사용                                           |
| 최대길이      | 6M                                                      |

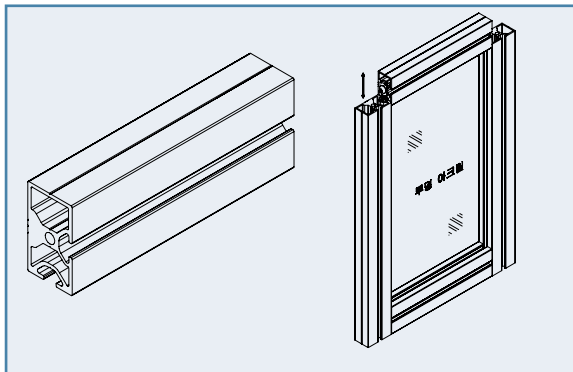
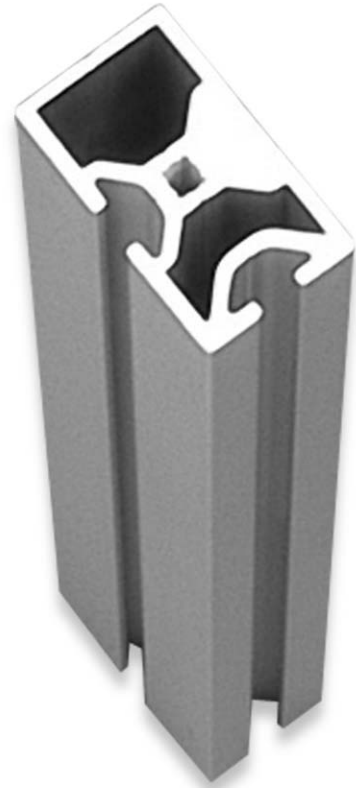
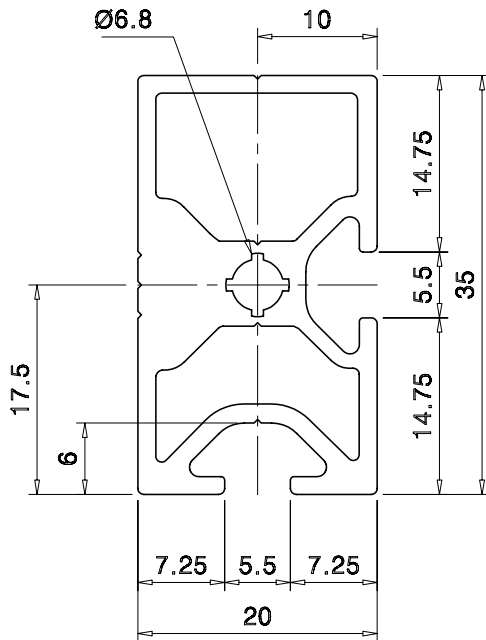
#### TECHNICAL DATA I

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                     |
| Surface processing    | Silver Anodized / Black Anodized                        |
| Second section Moment | - $I_x = 4.66\text{cm}^4$<br>- $I_y = 7.220\text{cm}^4$ |
| Sectional Area        | 493.5mm <sup>2</sup>                                    |
| Unit Weight           | 1.333kg/m                                               |
| Application           | Use for corner                                          |
| Max Length            | 6M                                                      |

## PROFILE SYSTEM

### DOOR SERIES

\ TAFH2035 \ TAF3N2035 \ TAS-30U  
\ TAS-30D \ TAS-40U \ TAS-40D



| 적용규격 | TAFH2035 APPLICATION SPEC |                          |       |
|------|---------------------------|--------------------------|-------|
|      | Part name                 | SPEC                     | PAGE  |
|      | NUT                       | : L-TBN3, L-TBN4, L-TBN5 | 78    |
|      | JOINT                     | : L-TSJ20                | 79,80 |
|      | END CAP                   | : TEC2035                | 94    |

### TAFH2035

#### 기술 DATA

|           |                                                             |
|-----------|-------------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                             |
| 표면처리      | Silver Anodized / Black Anodized                            |
| 단면 2차 모멘트 | - $I_x = 2.91 \text{ cm}^4$<br>- $I_y = 1.298 \text{ cm}^4$ |
| 단면적       | 280.8mm <sup>2</sup>                                        |
| 단중량       | 0.818kg/m                                                   |
| 용도        | Door frame으로 주로 사용                                          |
| 최대길이      | 6M                                                          |

#### TECHNICAL DATA

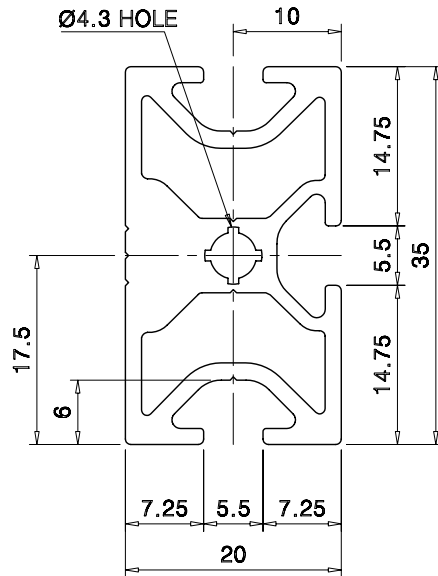
|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                         |
| Surface processing    | Silver Anodized / Black Anodized                            |
| Second section Moment | - $I_x = 2.91 \text{ cm}^4$<br>- $I_y = 1.298 \text{ cm}^4$ |
| Sectional Area        | 280.8mm <sup>2</sup>                                        |
| Unit Weight           | 0.818kg/m                                                   |
| Application           | Use for door frame.                                         |
| Max Length            | 6M                                                          |

## PROFILE SYSTEM

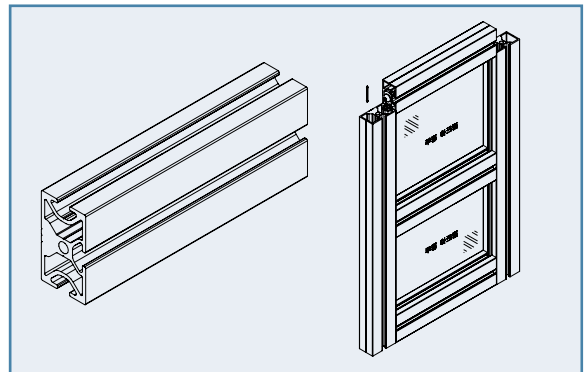
## DOOR SERIES

\ TAFH2035 \ **TAF3N2035** \ TAS-30U

\ TAS-30D   \ TAS-40U   \ TAS-40D



| 적용<br>규격 | TAF3N2035 APPLICATION SPEC   |      |       |
|----------|------------------------------|------|-------|
|          | Part name                    | SPEC | PAGE  |
|          | NUT : L-TBN3, L-TBN4, L-TBN5 |      | 78    |
|          | JOINT : L-TSJ20              |      | 79,80 |
|          | END CAP : TEC2035            |      | 94    |

**TAF3N2035**

| 기술 DATA |

|              |                                                          |
|--------------|----------------------------------------------------------|
| 재질           | AL합금(A6N01s-T5)                                          |
| 표면처리         | Silver Anodized / Black Anodized                         |
| 단면 2차<br>모멘트 | - Ix = 1,39cm <sup>4</sup><br>- Iy = 3,27cm <sup>4</sup> |
| 단면적          | 309.9mm <sup>2</sup>                                     |
| 중량           | 0,836kg/m                                                |
| 용도           | Cover Frame<br>경하중용 Table, 구조물                           |
| 최대길이         | 6M                                                       |

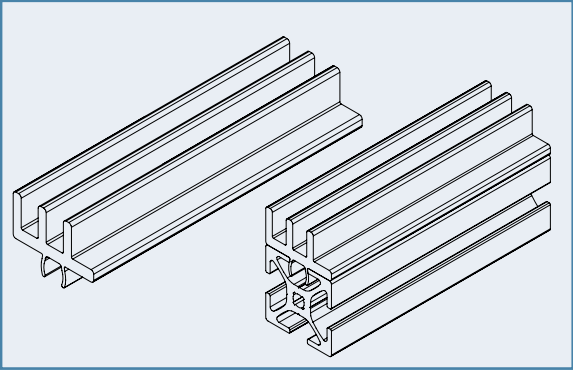
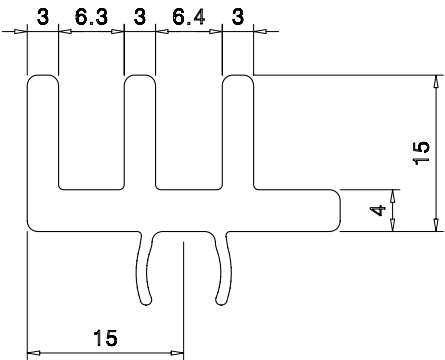
## I TECHNICAL DATA I

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                   |
| Surface processing    | Silver Anodized / Black Anodized                      |
| Second section Moment | - $I_x=1,39\text{cm}^4$<br>- $I_y=3,27\text{cm}^4$    |
| Sectional Area        | 309,9mm <sup>2</sup>                                  |
| Unit Weight           | 0,836kg/m                                             |
| Application           | Cover frame and Structures,<br>Table for lightweight, |
| Max Length            | 6M                                                    |

PROFILE SYSTEM

DOOR SERIES

\ TAFH2035 \ TAF3N2035 \ TAS-30U  
\ TAS-30D \ TAS-40U \ TAS-40D



TAS-30U

기술 DATA

|             |                                                          |
|-------------|----------------------------------------------------------|
| 재 질         | AL합금(A6NO1s-T5)                                          |
| 표면처리        | Silver Anodized / Black Anodized                         |
| 단면 2차 모 멘 트 | - $I_x = 1,75 \text{cm}^4$<br>- $I_y = 0,53 \text{cm}^4$ |
| 단 면 적       | 238,8mm <sup>2</sup>                                     |
| 단 중         | 0,65kg/m                                                 |
| 용 도         | 미닫이 DOOR용 RAIL                                           |
| 최대길이        | 5M                                                       |

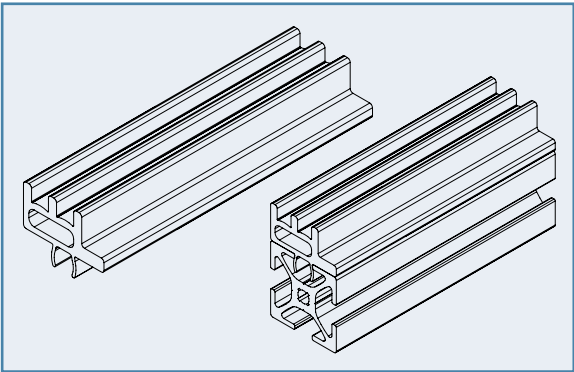
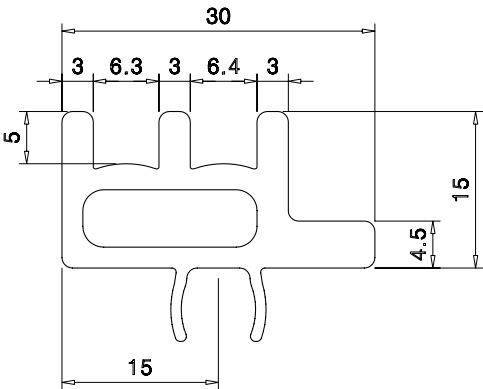
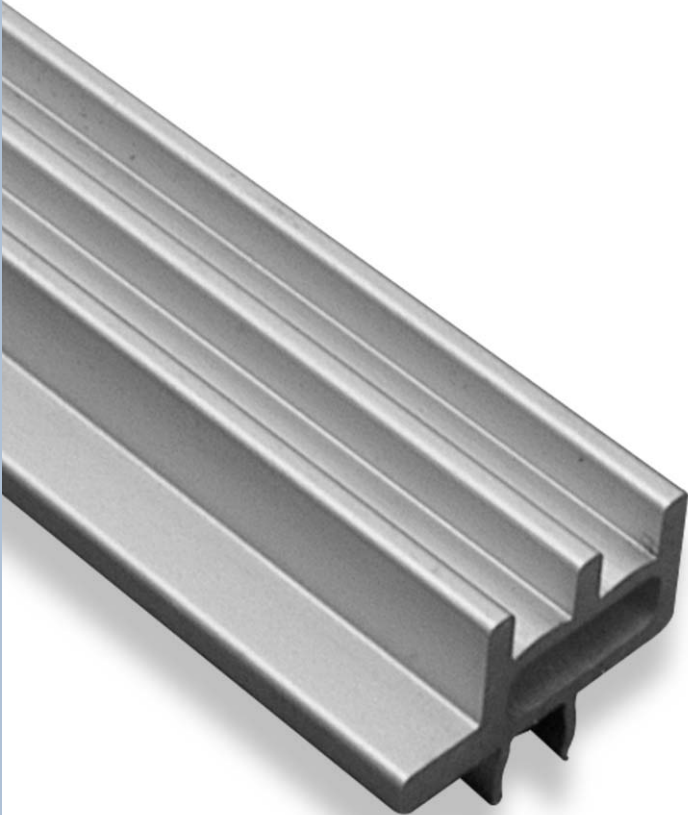
TECHNICAL DATA

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                      |
| Surface processing    | Silver Anodized / Black Anodized                         |
| Second section Moment | - $I_x = 1,75 \text{cm}^4$<br>- $I_y = 0,53 \text{cm}^4$ |
| Sectional Area        | 238,8mm <sup>2</sup>                                     |
| Unit Weight           | 0,65kg/m                                                 |
| Application           | Use for slide door rail.                                 |
| Max Length            | 5M                                                       |

PROFILE SYSTEM

DOOR SERIES

\ TAFH2035 \ TAF3N2035 \ TAS-30U  
\ TAS-30D \ TAS-40U \ TAS-40D



TAS-30D

기술 DATA I

|           |                                                        |
|-----------|--------------------------------------------------------|
| 재질        | AL합금(A6NO1s-T5)                                        |
| 표면처리      | Silver Anodized / Black Anodized                       |
| 단면 2차 모멘트 | - $I_x = 1.88\text{cm}^4$<br>- $I_y = 0.60\text{cm}^4$ |
| 단면적       | 218,3mm <sup>2</sup>                                   |
| 단중        | 0.58kg/m                                               |
| 용도        | 미닫이 DOOR용 RAIL                                         |
| 최대길이      | 5M                                                     |

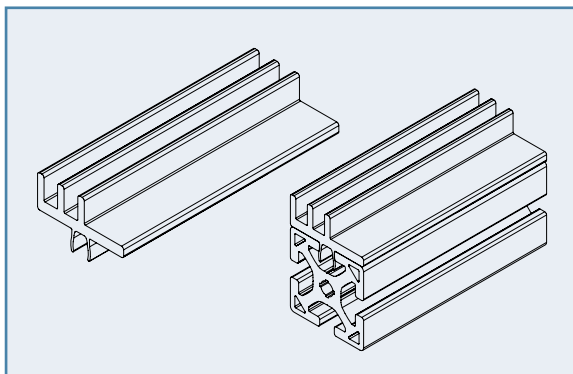
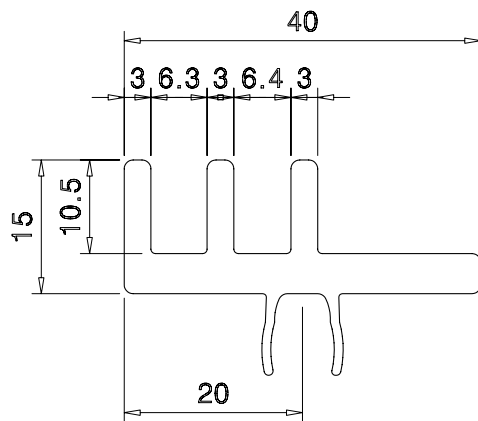
TECHNICAL DATA I

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                    |
| Surface processing    | Silver Anodized / Black Anodized                       |
| Second section Moment | - $I_x = 1.88\text{cm}^4$<br>- $I_y = 0.60\text{cm}^4$ |
| Sectional Area        | 218,3mm <sup>2</sup>                                   |
| Unit Weight           | 0.58kg/m                                               |
| Application           | Use for slide door rail.                               |
| Max Length            | 5M                                                     |

## PROFILE SYSTEM

### DOOR SERIES

\ TAFH2035 \ TAF3N2035 \ TAS-30U  
 \ TAS-30D \ **TAS-40U** \ TAS-40D



#### TAS-40U

#### 기술 DATA

|       |                                  |
|-------|----------------------------------|
| 재 질   | AL합금(A6NO1s-T5)                  |
| 표면처리  | Silver Anodized / Black Anodized |
| 단면 2차 | - $I_x = 3.33 \text{ cm}^4$      |
| 모 멘 트 | - $I_y = 0.55 \text{ cm}^4$      |
| 단 면 적 | 278.8mm <sup>2</sup>             |
| 단 중   | 0.75kg/m                         |
| 용 도   | 미닫이 DOOR용 RAIL                   |
| 최대길이  | 5M                               |

#### TECHNICAL DATA

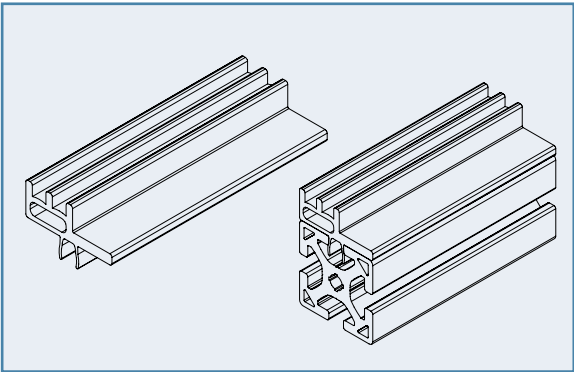
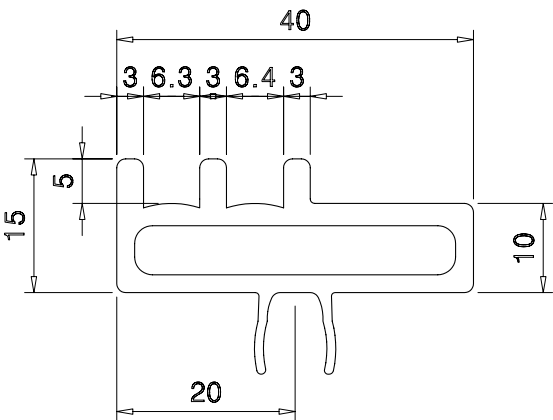
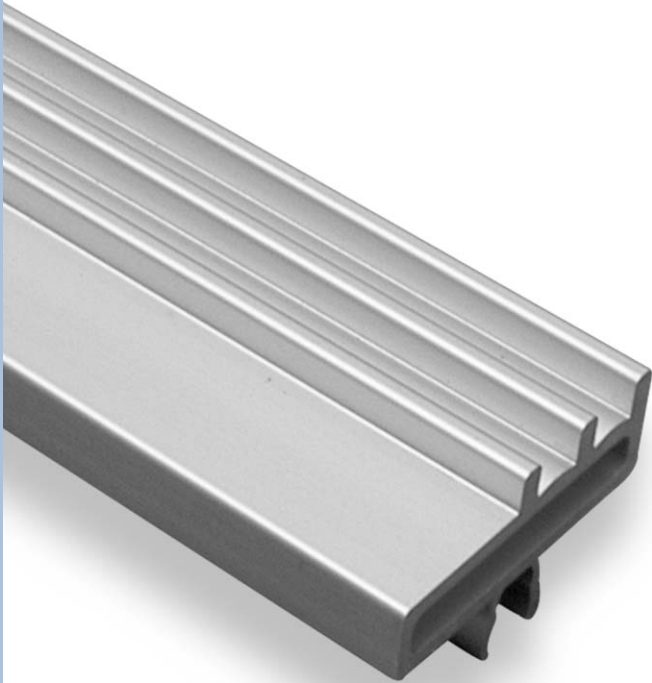
|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - $I_x = 3.33 \text{ cm}^4$<br>- $I_y = 0.55 \text{ cm}^4$ |
| Sectional Area        | 278.8mm <sup>2</sup>                                       |
| Unit Weight           | 0.75kg/m                                                   |
| Application           | Use for slide door rail.                                   |
| Max Length            | 5M                                                         |



PROFILE SYSTEM

DOOR SERIES

\ TAFH2035 \ TAF3N2035 \ TAS-30U  
\ TAS-30D \ TAS-40U \ TAS-40D



TAS-40D

기술 DATA I

|           |                                                            |
|-----------|------------------------------------------------------------|
| 재질        | 알루미늄(A6NO1s-T5)                                            |
| 표면처리      | Silver Anodized / Black Anodized                           |
| 단면 2차 모멘트 | - $I_x = 3.71 \text{ cm}^4$<br>- $I_y = 0.68 \text{ cm}^4$ |
| 단면적       | 258.3mm <sup>2</sup>                                       |
| 단중        | 0.70kg/m                                                   |
| 용도        | 미닫이 DOOR용 RAIL                                             |
| 최대길이      | 5M                                                         |

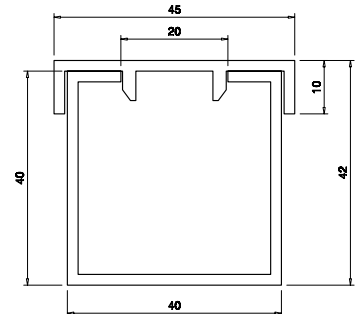
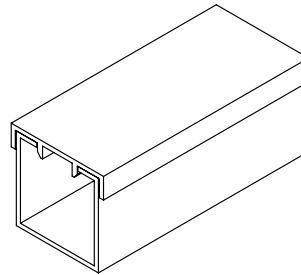
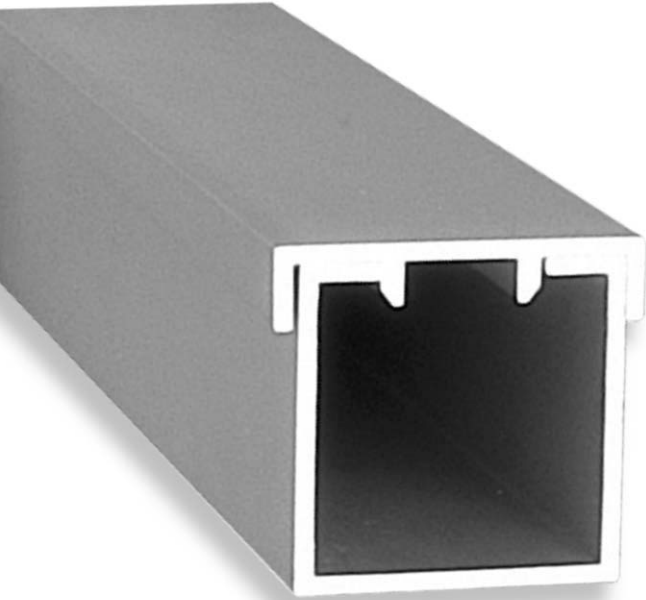
TECHNICAL DATA I

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Quality of material   | Al Alloy(A6NO1s-T5)                                        |
| Surface processing    | Silver Anodized / Black Anodized                           |
| Second section Moment | - $I_x = 3.71 \text{ cm}^4$<br>- $I_y = 0.68 \text{ cm}^4$ |
| Sectional Area        | 258.3mm <sup>2</sup>                                       |
| Unit Weight           | 0.70kg/m                                                   |
| Application           | Use for slide door rail.                                   |
| Max Length            | 5M                                                         |

## PROFILE SYSTEM

### DUCT SERIES

\ TAD4040 \ TAD6060 \ TAD8080 \ TAD100100  
\ TAD12060



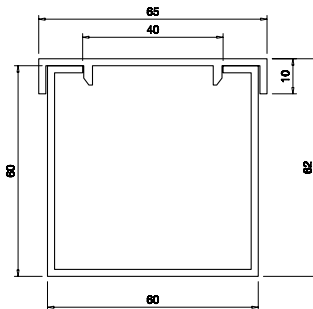
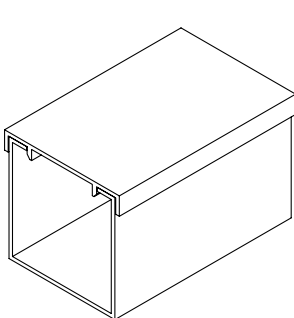
**TAD4040**

#### | 기술 DATA |

|      |                                  |
|------|----------------------------------|
| 재질   | AL합금(A6NO1s-T5)                  |
| 표면처리 | Silver Anodized / Black Anodized |
| 단면적  | 410.5mm <sup>2</sup>             |
| 단중도  | 1.06kg/m                         |
| 용도   | 전기배선, AIR배관등의 DUCT               |

#### | TECHNICAL DATA |

|      |                                    |
|------|------------------------------------|
| 재질   | AL Alloy(A6NO1s-T5)                |
| 표면처리 | Silver Anodized / Black Anodized   |
| 단면적  | 410.5mm <sup>2</sup>               |
| 단중도  | 1.06kg/m                           |
| 용도   | Duct electric wiring or air pipes. |



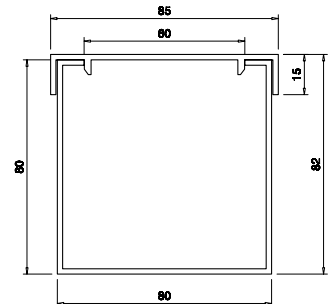
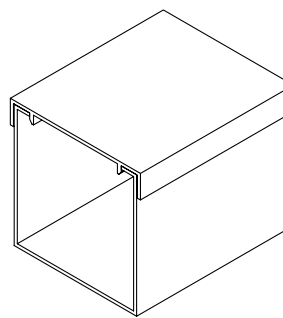
**TAD6060**

#### | 기술 DATA |

|      |                                  |
|------|----------------------------------|
| 재질   | AL합금(A6NO1s-T5)                  |
| 표면처리 | Silver Anodized / Black Anodized |
| 단면적  | 540.94mm <sup>2</sup>            |
| 단중도  | 1.46kg/m                         |
| 용도   | 전기배선, AIR배관등의 DUCT               |

#### | TECHNICAL DATA |

|      |                                    |
|------|------------------------------------|
| 재질   | AL Alloy(A6NO1s-T5)                |
| 표면처리 | Silver Anodized / Black Anodized   |
| 단면적  | 540.94mm <sup>2</sup>              |
| 단중도  | 1.46kg/m                           |
| 용도   | Duct electric wiring or air pipes. |



**TAD8080**

#### | 기술 DATA |

|      |                                  |
|------|----------------------------------|
| 재질   | AL합금(A6NO1s-T5)                  |
| 표면처리 | Silver Anodized / Black Anodized |
| 단면적  | 585.4mm <sup>2</sup>             |
| 단중도  | 1.58kg/m                         |
| 용도   | 전기배선, AIR배관등의 DUCT               |

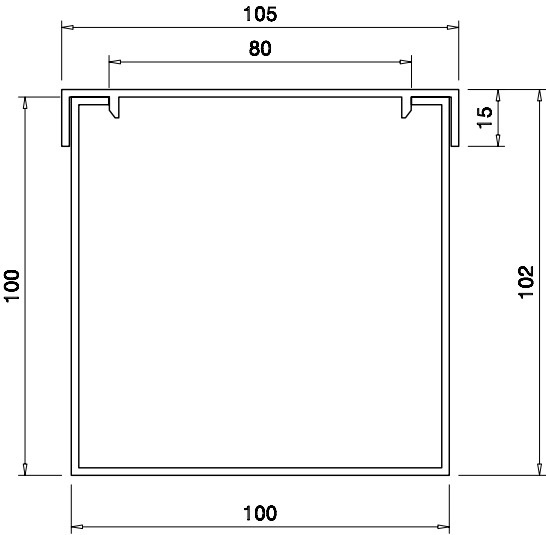
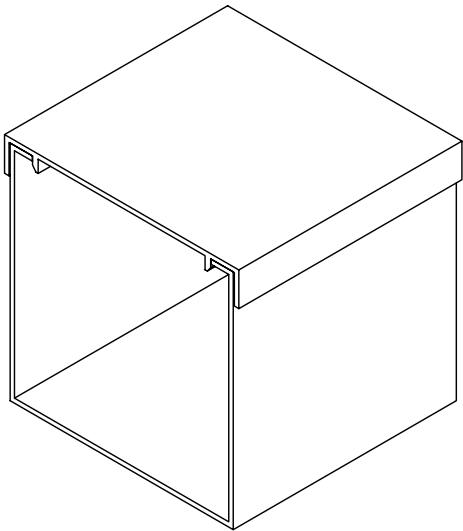
#### | TECHNICAL DATA |

|      |                                    |
|------|------------------------------------|
| 재질   | AL Alloy(A6NO1s-T5)                |
| 표면처리 | Silver Anodized / Black Anodized   |
| 단면적  | 585.4mm <sup>2</sup>               |
| 단중도  | 1.58kg/m                           |
| 용도   | Duct electric wiring or air pipes. |

PROFILE SYSTEM

DUCT SERIES

\ TAD4040 \ TAD6060 \ TAD8080 \ TAD100100  
\ TAD12060



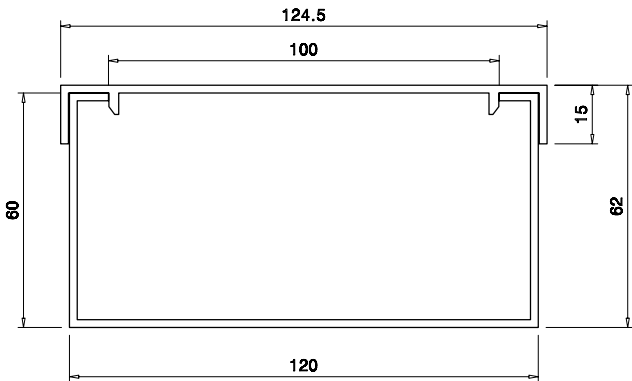
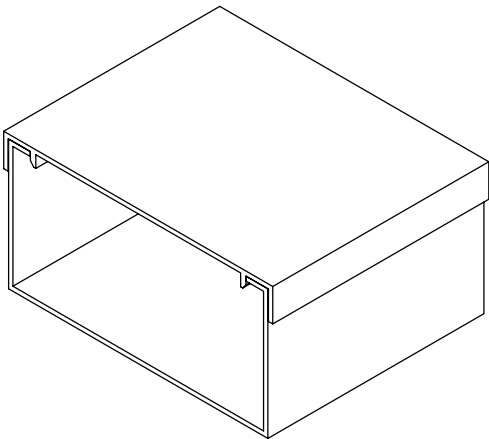
TAD100100

기술 DATA I

|      |                                  |
|------|----------------------------------|
| 재질   | AL합금(A6NO1s-T5)                  |
| 표면처리 | Silver Anodized / Black Anodized |
| 단면적  | 910,5mm <sup>2</sup>             |
| 단중도  | 2,45kg/m                         |
| 용도   | 전기배선, AIR배관등의 DUCT               |

TECHNICAL DATA I

|      |                                    |
|------|------------------------------------|
| 재질   | AL Alloy(A6NO1s-T5)                |
| 표면처리 | Silver Anodized / Black Anodized   |
| 단면적  | 910,5mm <sup>2</sup>               |
| 단중도  | 2,45kg/m                           |
| 용도   | Duct electric wiring or air pipes. |



TAD12060

기술 DATA I

|      |                                  |
|------|----------------------------------|
| 재질   | AL합금(A6NO1s-T5)                  |
| 표면처리 | Silver Anodized / Black Anodized |
| 단면적  | 870,69mm <sup>2</sup>            |
| 단중도  | 2,35kg/m                         |
| 용도   | 전기배선, AIR배관등의 DUCT               |

TECHNICAL DATA I

|      |                                    |
|------|------------------------------------|
| 재질   | AL Alloy(A6NO1s-T5)                |
| 표면처리 | Silver Anodized / Black Anodized   |
| 단면적  | 870,69mm <sup>2</sup>              |
| 단중도  | 2,35kg/m                           |
| 용도   | Duct electric wiring or air pipes. |

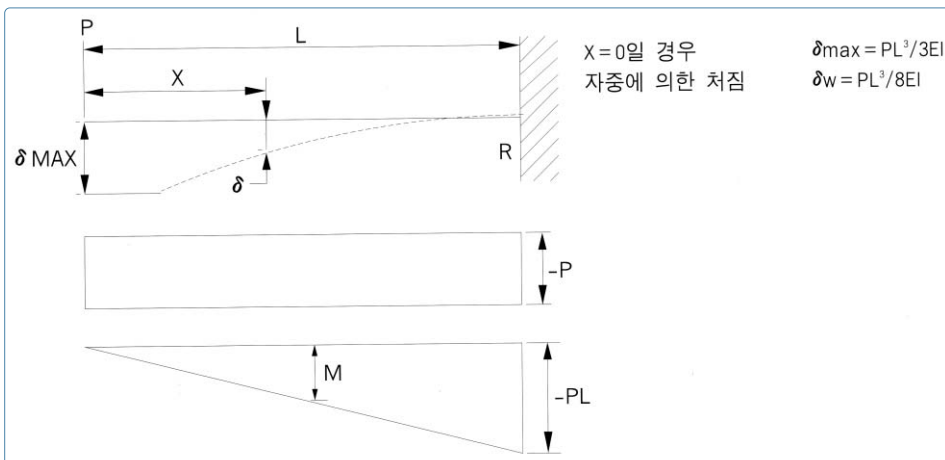
## 처짐량 계산방법

### (1) 제품의 특징

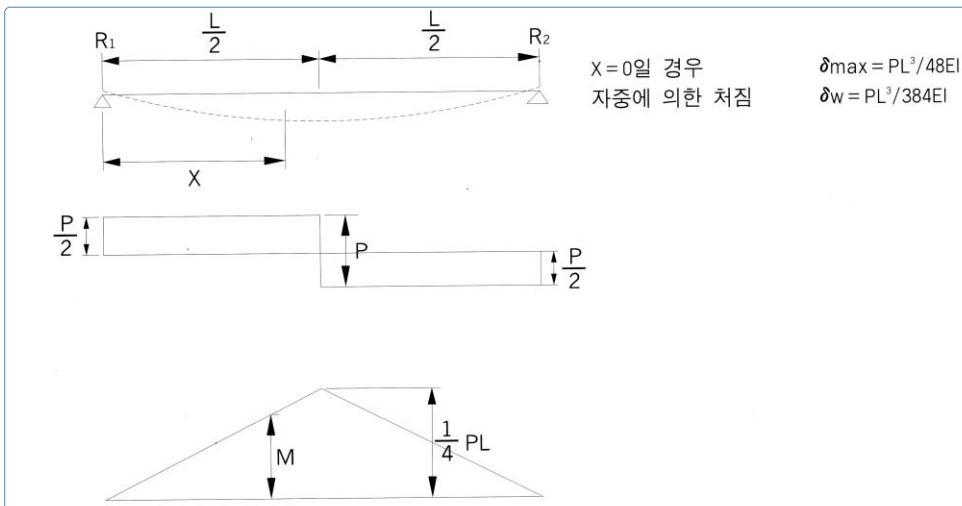
- ① 표준 제고품은 PROFILE의 홈이 통일되어 있기 때문에 NUT 및 부품을 공용으로 사용할 수 있습니다.
- ② 당사의 PROFILE재질은 A6NO1s-T5(인장강도 : 24kgf/mm<sup>2</sup>)으로 일반 A6063s-T5(16kgf/mm<sup>2</sup>)보다 강도가 50%정도 강합니다. 또한 PROFILE의 홈이 0.2mm-0.1mm 안쪽으로 경사져 있기 때문에 부품의 부착시, Spring Washer 역할을 합니다. (복원력에 의한 풀림방지)
- ③ 당사의 PROFILE 홈에는 당사의 표준 NUT(TBN3, TBN4, TBN5, TBN6, TBN8)와 사각 NUT를 사용할 수 있습니다. 당사의 표준 NUT는 PROFILE 조립 후 삽입할 수 있기 때문에 PROFILE 조립시 NUT문제로 분해 조립하지 않아도 됩니다.
- ④ A6NO1s-T5의 기계적인 성질은 A6061s-T6와 비슷하기 때문에 A6063s-T5보다 절삭성, 가공성 및 인장강도, 신율이 약 50%정도 향상된 재질입니다.

### (2) 처짐 계산 방법 : 처짐량 산출 공식에 의한 방법

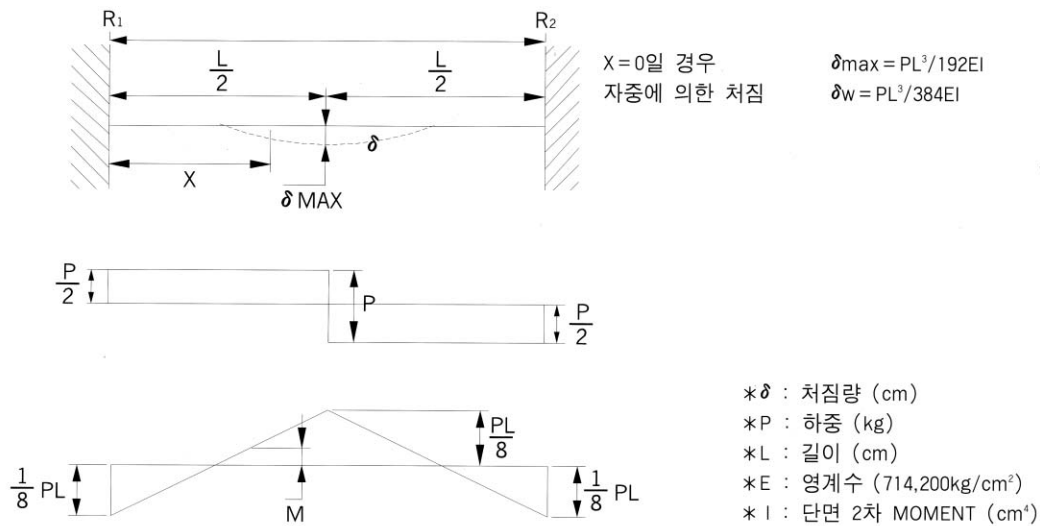
#### ① 외팔보일 경우



#### ② 양팔지지의 경우



### ③양팔 고정 의 경우



### (1) 제품의 특징

- ①당사에서는 귀사의 도면에 의한 절단, 가공, 조립을 원칙으로 합니다.  
전용 절단기에 의한 절단으로 수직 절단의 경우 절단각이 0.5° 이내로 BASE PLATE가 사전에 가공, 조립되어 있다 하더라도, 조립된 PROFILE의 대각선 길이가 문제되어 PROFILE를 재분해 조립하는 경우가 없습니다. 조립된 PROFILE의 대각선 길이는 PROFILE의 절단 길이와 절단각과 밀접한 관계가 있습니다.
- ②CON V PROFILE도 실제의 길이로 절단이 가능합니다. 절단 공차는 길이 관계없이 ±0.5mm입니다.
- ③PROFILE 문의, 주문시 도면을 보내주시면 소요 부품의 수량과 가격을 상세히 알려 드립니다.
- ④일반적인 경우 MODEL명 PROFILE의 소요길이(절단길이)를 알려 주시면 됩니다.

#### EX1) PROFILE의 경우

|      |        |          |           |
|------|--------|----------|-----------|
| TAFL | 4040   | 1,120mm  | 4EA       |
| 품명   | 규격     | 사용길이(mm) | 수량        |
| TAFL | 3030   | mm로 표시   | 본(EA)로 표시 |
| TAFL | 3060   |          |           |
| TAFH | 4040   |          |           |
| TAFH | 5050   |          |           |
| TAD  | 6060   |          |           |
| TAB  | 8040 등 |          |           |

EX2) 부품인 경우 : 부품만 주문시 폐사의 포장단위를 사전에 확인하시길 바랍니다.  
특별한 경우 날개 판매도 가능하나 일반적인 포장단위가 기준입니다.

|       |       |
|-------|-------|
| TSJ40 | 100EA |
| 품명    | 수량    |

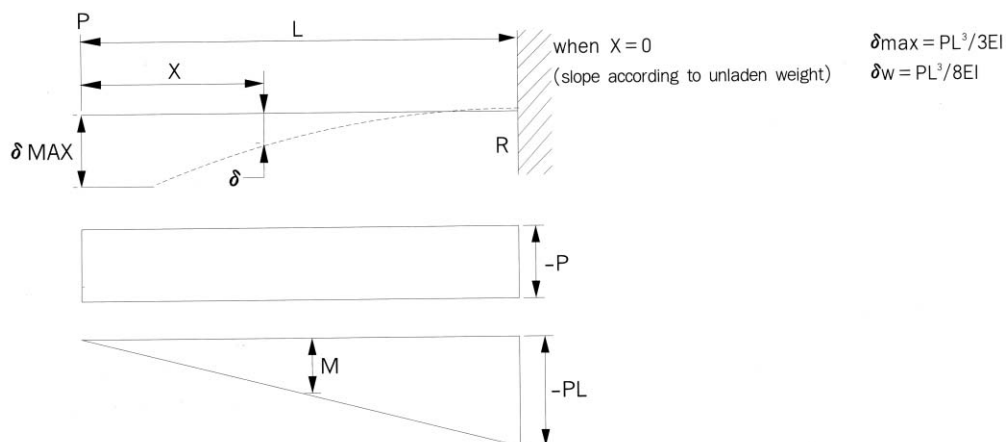
## Calculation of Deflection

### (1) Product Features

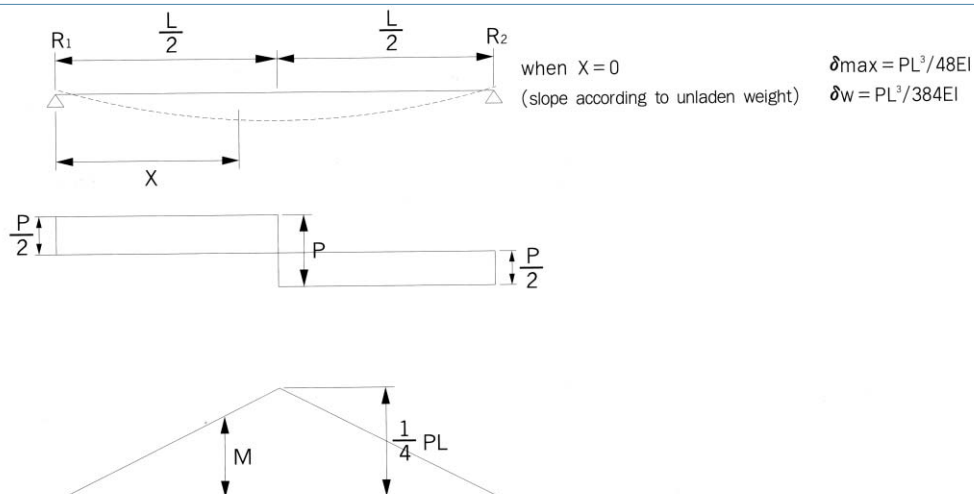
- ①The profile's crack on normal stock is standardized and therefore the nut and parts are sharble.
- ②Our profile material A6NO1s-T5(trnsile strength : 24kgf/mm<sup>2</sup>) which is 50% stronger than normal A6NO1s-T5(16kgf/mm<sup>2</sup>). The profile's crack is slanted 0.2mm-0.1mm towards the indside, working as a spring washer when parts are attached.(restoring force prevents relaxation)
- ③Our standard nut(TBN3, TBN4, TBN5, TBN6, TBN8) and square nut can be used in our profile's crack. Our standard nut can be inserted after the profile is put together, making the composing and discomposing caused by nut problems unnecessary when putting togehter a profile.
- ④The material is about 50% improved in cutting, processing, tensile strength and elongation than A6063s-T5 becauwe aluminum's mechanical character is similar to A6063s-T6 than A6N01s-T5.

### (2) Calculation of Deflection : Calculation according to slope calculation formula

#### ①when cantilever

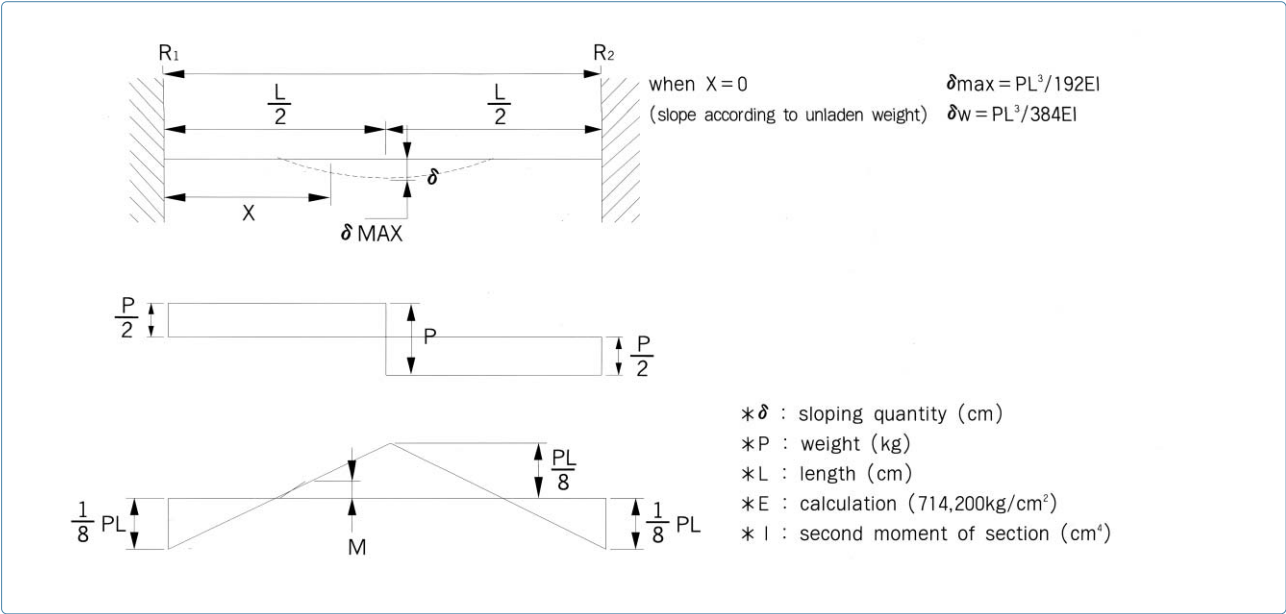


#### ②when supported equal-arm





③when fixed equal-arm



(1)Ordering procedure

- ①We will abide by cutting, manufacturing and composing according to your plans. When cut vertically, done by an exclusive cutter, there is a close connection between the cut length of a composed profile and cutting angle, even if the base plate with a cutting angle within 0.5° has been manufactured and composed beforehand.
- ②The cutting of con' v profile is possible is based on compensation. The cutting tolerance is 0.5mm regardless of length.
- ③We are able to inform you with the amount and price of required parts if you send us the drawing when you inquire or order profile.
- ④Normally you just have to inform us with the model name and length of profile(cutting length)

EX1) PROFILE

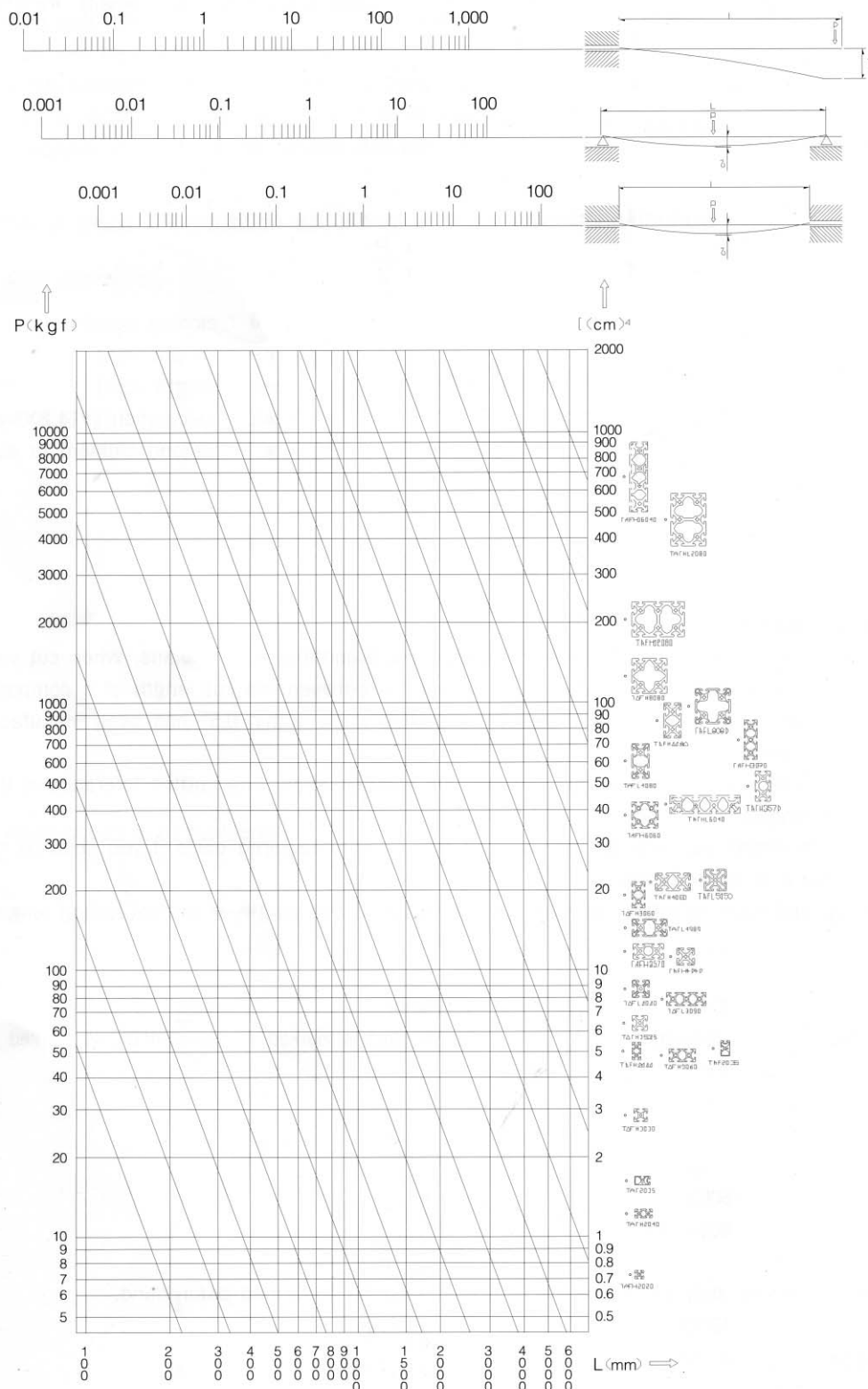
|              |          |                      |                      |
|--------------|----------|----------------------|----------------------|
| TAFL         | 4040     | 1,120mm              | 4EA                  |
| product name | standard | length(mm) is marked | amount(EA) is marked |
| TAFL         | 3030     |                      |                      |
| TAFL         | 3060     |                      |                      |
| TAFH         | 4040     |                      |                      |
| TAFH         | 5050     |                      |                      |
| TAD          | 6060     |                      |                      |
| TAB          | 8040 등   |                      |                      |

EX2) When ordering only parts, the packing unit must be confirmed beforehand.

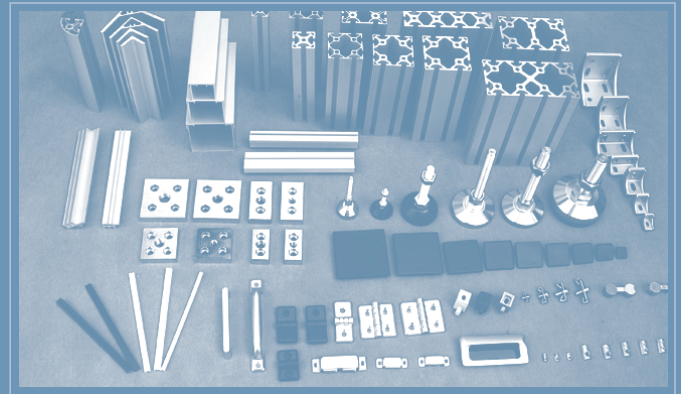
|              |        |
|--------------|--------|
| TSJ40        | 100EA  |
| product name | amount |

## 처짐량 선도

-FRAME의 처짐 계산은 앞 page의 방법과 같이 계산을 하여도 무방하나, 계산시간의 단축을 고려하여 당사에서 계산한 아래의 DATA를 참고하시면 간단히 FRAME을 선정할 수 있습니다.  
아래의 DATA는 길이의 하중에 의거 지지(고정)방법에 따라 처짐을 나타냅니다.



MEMO



## ACCESSORY SYSTEM

### 78 \ NUT SERIES

TBN  
L-TBN  
TRN

### 79 \ JOINT SERIES

TSJ  
L-TSJ  
TJ  
TBJ

### 82 \ BRACKET SERIES

TABD3030/TABD4040  
TABD6060/TABD8080  
TABD3060/TABD4080  
TABD6030/TABD8040

### 84 \ ANGLE SERIES

TAB3030  
TAB4040  
TAB6060  
TAB8080

### 86 \ DOOR HINGE

THA3060/THA3070  
THA6060/THA6070  
THAR6060/THAR6070  
THP35(R/L)/THP40(R/L)

### 90 \ MAGNET

TDL-6K/TDL-10K

### 91 \ HANDLE

TDH105S  
TDH140A

### 92 \ MULTIBLOCK

TMB30  
TMB40

### 94 \ END CAP SERIES

### 95 \ GROOVE COVER

TGC20  
TGC30  
TGC40

### 96 \ COVER HOLDER SERIES

TCH-30  
TCH-30S  
TCH-40

### 99 \ FOOT BASE SERIES

TFB3060-12(16)  
TFB3570-12(16)  
TFB4080-12(16, 20)  
TFB6060-12(16, 20)  
TFB8080-12(16, 20)  
TFBN6060-12(16)  
TTFBN8080-16(20)

### 100 \ LEVELLING FOT SERIES

TLF50-M8  
TLF65-M12  
TLF65-M16  
TTLF95-M24

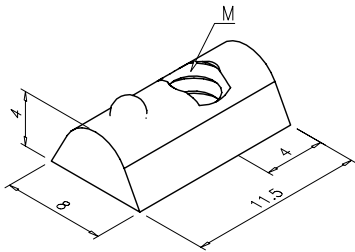
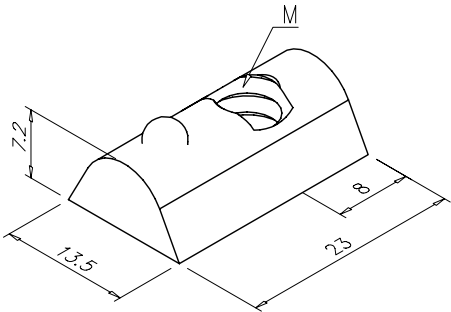
### 101 \ CARRY MASTER (FOOT MASTER)

TCM-F  
TCM-S

ACCESSORY SYSTEM

NUT SERIES

TBN \ L-TBN \ TRN

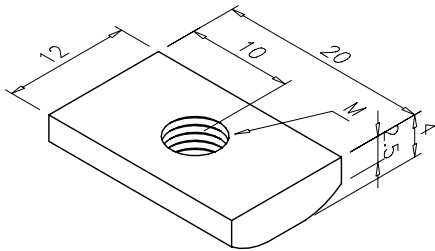


|      |            |            |                                                      |      |      |      |      |
|------|------------|------------|------------------------------------------------------|------|------|------|------|
| 적용규격 | <b>TBN</b> | 품명         | TBN3                                                 | TBN4 | TBN5 | TBN6 | TBN8 |
|      |            | M          | M3                                                   | M4   | M5   | M6   | M8   |
|      |            | 적용 Profile | 20계열 제외한 모든 Profile에 호환적용 (Used for all the Profile) |      |      |      |      |
|      |            | 재질         | S45C                                                 |      |      |      |      |
|      |            | 표면처리       | 니켈도금                                                 |      |      |      |      |

용도: 1. NUT를 Profile 홈에 삽입 및 제거가 용이  
2. 볼 플랜저 구조로 Profile 홈 내부에서 흘러 내림 방지

|      |              |            |                      |        |        |
|------|--------------|------------|----------------------|--------|--------|
| 적용규격 | <b>L-TBN</b> | 품명         | L-TBN3               | L-TBN4 | L-TBN5 |
|      |              | M          | M3                   | M4     | M5     |
|      |              | 적용 Profile | TAFH 2035 TAF3N 2035 |        |        |
|      |              | 재질         | S45C                 |        |        |
|      |              | 표면처리       | 니켈도금                 |        |        |

용도: Door용 Profile 이나 20계열의 Profile에 적용



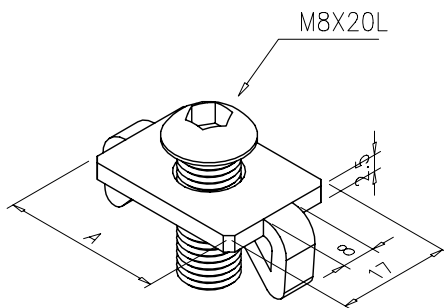
|      |            |            |                   |       |
|------|------------|------------|-------------------|-------|
| 적용규격 | <b>TRN</b> | 품명         | TRN 6             | TRN 8 |
|      |            | M          | M6                | M8    |
|      |            | 적용 Profile | Profile 40 Series |       |
|      |            | 재질         | S45C              |       |
|      |            | 표면처리       | 아연도금              |       |

용도: 저가형으로 수평 조립된 Profile에 적용

ACCESSORY SYSTEM

JOINT SERIES

\ TSJ \ L-TSJ \ TUJ \ TBJ



| 적용규격 | TSJ          | 품명 : TSJ 30 | TSJ 40     | TSJ 50    |
|------|--------------|-------------|------------|-----------|
|      |              | A : 24mm    | 31mm       | 40,5mm    |
|      | 적용 Profile : | TAFH 3030   | TAFH 4040  | TAFH 4545 |
|      |              | TAFH 3060   | TAFH 4040  | TAFH 5050 |
|      |              | TAFH 3535   | TAFH 4080  | TAFH 4590 |
|      |              | TAFH 3570   | TAFH 4080  | TAFH 9090 |
|      |              |             | TAFH 8080  |           |
|      |              |             | TAFH 8080  |           |
|      |              |             | TAFH 12080 |           |
|      |              |             | TAFH 16040 |           |

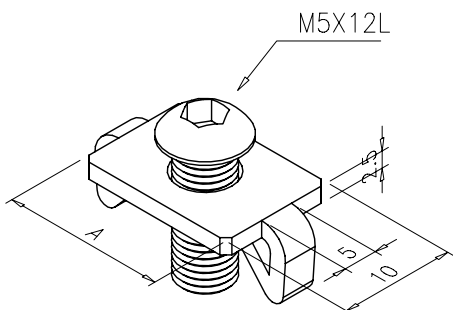
TSJ

기술 DATA I

|       |                     |
|-------|---------------------|
| 재질    | S45C, 렌치볼트          |
| 표면처리  | 니켈도금                |
| 구성부품  | 클립, 렌치볼트            |
| 허용 하중 | 75kgf/EA (TSJ40 기준) |
| 용도    | 강한 고정적 체결을 필요로 하는 곳 |

TECHNICAL DATA I

|                     |                           |
|---------------------|---------------------------|
| Quality of material | S45C, Wrench bolt         |
| Surface processing  | Ni coating                |
| Composition Parts   | Clip, Wrench bolt         |
| Allow Weight        | 75kgf/EA (TSJ40 standard) |
| Application         | Used for strong fixed     |



| 적용규격 | L-TSJ        | 품명 : L-TSJ 20 |
|------|--------------|---------------|
|      |              | A : 19mm      |
|      | 적용 Profile : | TAFH 2035     |
|      |              | TAF3N 2035    |

L-TSJ

기술 DATA I

|       |                |
|-------|----------------|
| 재질    | S45C, 렌치볼트     |
| 표면처리  | 니켈도금           |
| 구성부품  | 클립, 렌치볼트       |
| 허용 하중 | 25kgf/EA       |
| 용도    | 20용 Profile조립시 |

TECHNICAL DATA I

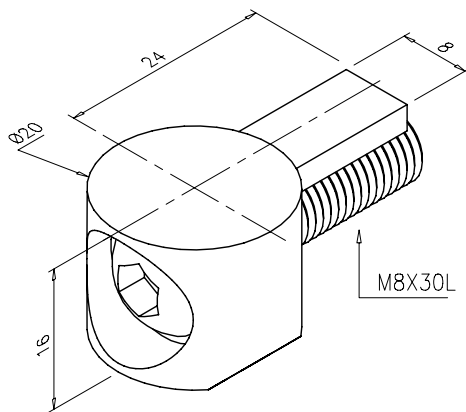
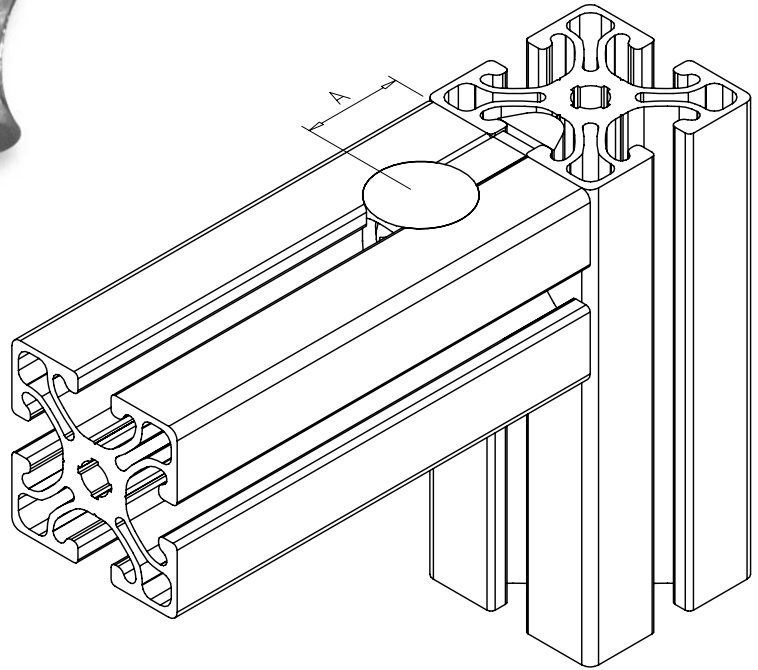
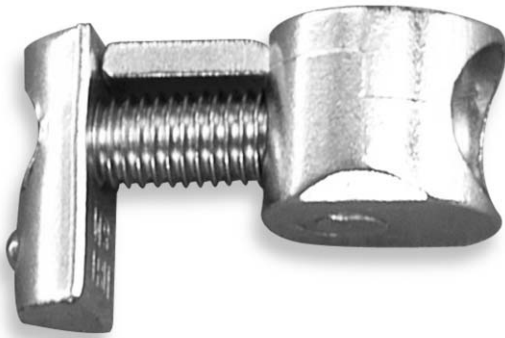
|                     |                          |
|---------------------|--------------------------|
| Quality of material | S45C, Wrench bolt        |
| Surface processing  | Ni coating               |
| Composition Parts   | Clip, Wrench bolt        |
| Allow Weight        | 25kgf/EA                 |
| Application         | Used for 20Profile serie |



## ACCESSORY SYSTEM

### JOINT SERIES

\ TSJ \ L-TSJ \ **TUJ** \ TBJ



**TUJ**

#### I 기술 DATA I

|       |                                                |
|-------|------------------------------------------------|
| 재 질   | 아연정밀주조                                         |
| 표면처리  | 니켈도금                                           |
| 허용 하중 | M5 × L30 = 55kgf/EA<br>M8 × L30 = 75kgf/EA     |
| 중 량   | M5 × L30 = 30gf/EA<br>M8 × L30 = 41gf/EA       |
| 용 도   | 직각방향으로 Profile을 서로 연결할때,<br>위치를 변경하여 높낮이를 조절가능 |

#### I TECHNICAL DATA I

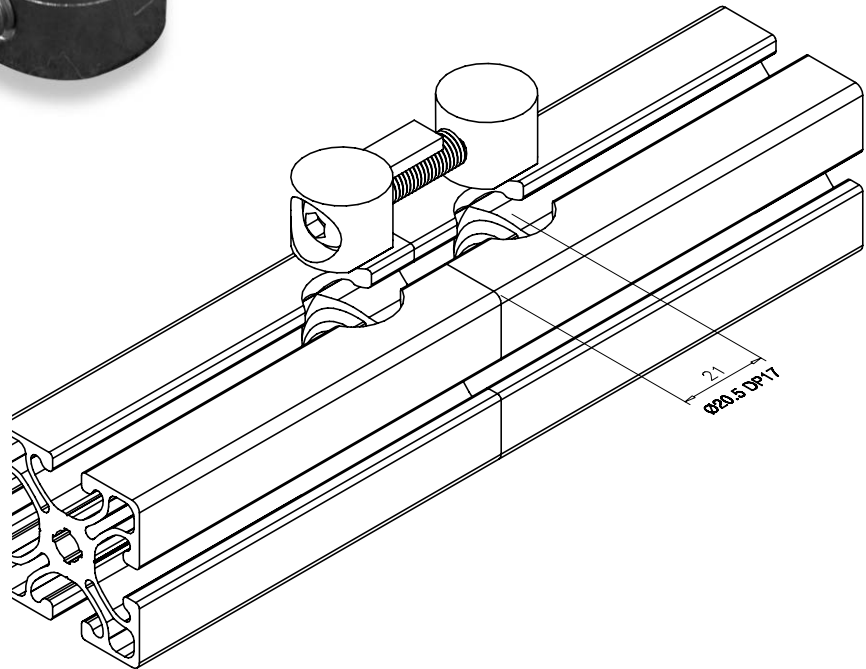
|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Quality of material | Precision-cast Zn,                                                                                             |
| Surface processing  | NI coating                                                                                                     |
| Allow load          | M5 × L30 = 55kgf/EA<br>M8 × L30 = 75kgf/EA                                                                     |
| Weight              | M5 × L30 = 30gf/EA<br>M8 × L30 = 41gf/EA                                                                       |
| Application         | Used as right-angle coupler when assembled.<br>For universal joint connections of all profiles in any position |

|                                    |            |              |               |           |           |
|------------------------------------|------------|--------------|---------------|-----------|-----------|
| HOLE<br>가<br>공<br>D<br>A<br>T<br>A | <b>TUJ</b> | 적용 Profile : | 30 Series     | 40 Series | 50 Series |
|                                    |            | A :          | 23mm          | 21mm      | 20mm      |
|                                    |            | HOLE :       | φ 20.5 × DP17 |           |           |

ACCESSORY SYSTEM

JOINT SERIES

\ TSJ \ L-TSJ \ TUJ \ TBJ



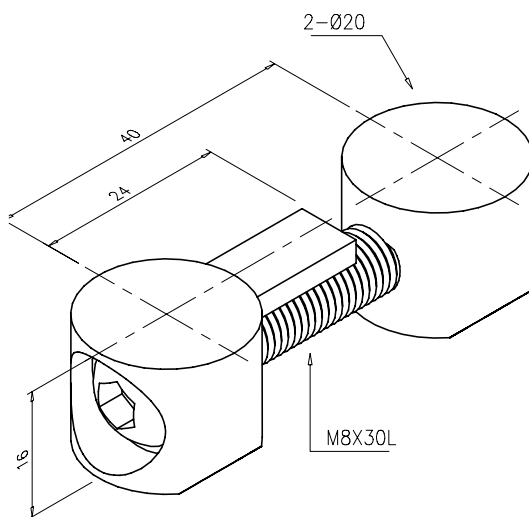
TBJ

기술 DATA I

|       |                                                    |
|-------|----------------------------------------------------|
| 재 질   | 아연정밀주조                                             |
| 표면처리  | 니켈도금                                               |
| 허용 하중 | M5 × L30 = 55kgf/EA<br>M8 × L30 = 75kgf/EA         |
| 중 량   | M5 × L30 = 30gf/EA<br>M8 × L30 = 41gf/EA           |
| 용 도   | 직각방향으로 Profile을 서로 연결<br>할때,<br>위치를 변경하여 높낮이를 조절가능 |

TECHNICAL DATA I

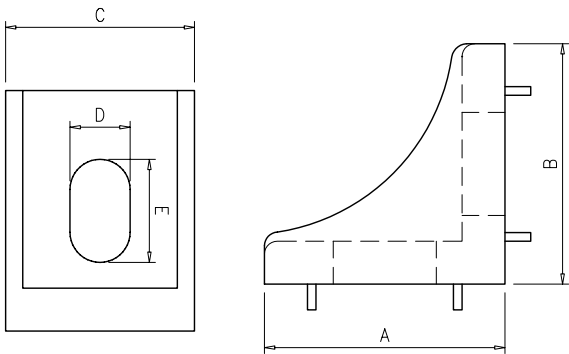
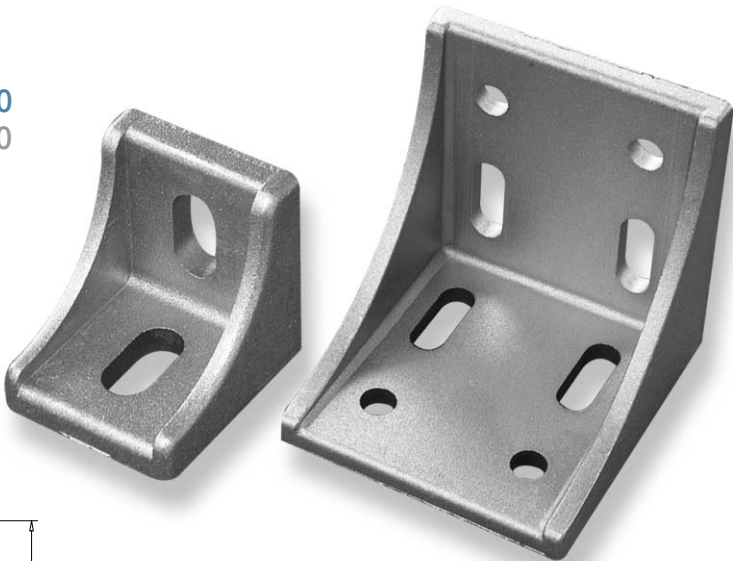
|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Quality of material | Precision-cast Zn.                                                                                                   |
| Surface proccessing | Ni coating                                                                                                           |
| Allow load          | M5 × L30 = 55kgf/EA<br>M8 × L30 = 75kgf/EA                                                                           |
| Weight              | M5 × L30 = 30gf/EA<br>M8 × L30 = 41gf/EA                                                                             |
| Application         | Used as right-angle coupler when<br>assembled,<br>For universal joint connections of all<br>profiles in any position |



ACCESSORY SYSTEM

BRACKET SERIES

TABD3030 \ TABD4040 \ TABD6060 \ TABD8080  
TABD3060 \ TABD4080 \ TABD6030 \ TABD8040



|      |                        |   |                  |                                                      |
|------|------------------------|---|------------------|------------------------------------------------------|
| 적용규격 | TABD 3030<br>TABD 4040 |   |                  |                                                      |
|      | 품명                     | 명 | A×B×C×D×E        | 적용Profile                                            |
|      | TABD 3030              |   | 28×28×22<br>7×12 | Profile 30 series에 사용<br>(Used for Profile 30Series) |

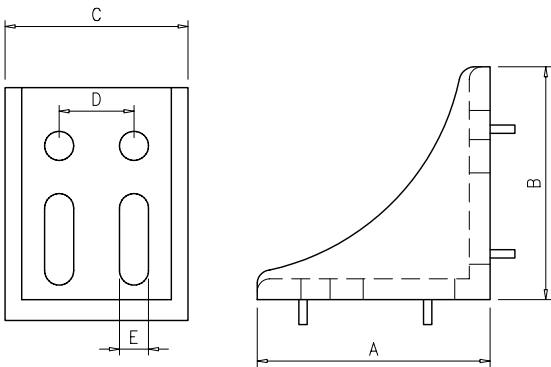
TABD 3030 \ TABD 4040

기술 DATA

|    |                        |
|----|------------------------|
| 재질 | Al 다이캐스팅               |
| 색상 | 은색, 흑색                 |
| 용도 | Profile을 Bracket으로 조립시 |

TECHNICAL DATA

|                     |                                 |
|---------------------|---------------------------------|
| Quality of material | Al diecast,                     |
| Surface Color       | Silver, Black,                  |
| Application         | Joint for Profile with bracket, |



|      |                        |   |                  |                                                      |
|------|------------------------|---|------------------|------------------------------------------------------|
| 적용규격 | TABD 6060<br>TABD 8080 |   |                  |                                                      |
|      | 품명                     | 명 | A×B×C×D×E        | 적용Profile                                            |
|      | TABD 6060              |   | 59×59×55<br>30×7 | Profile 60 series에 사용<br>(Used for Profile 60Series) |

TABD 6060 \ TABD 8080

기술 DATA

|    |                        |
|----|------------------------|
| 재질 | Al 다이캐스팅               |
| 색상 | 은색, 흑색                 |
| 용도 | Profile을 Bracket으로 조립시 |

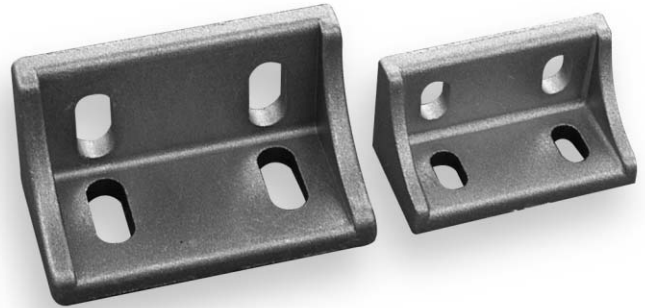
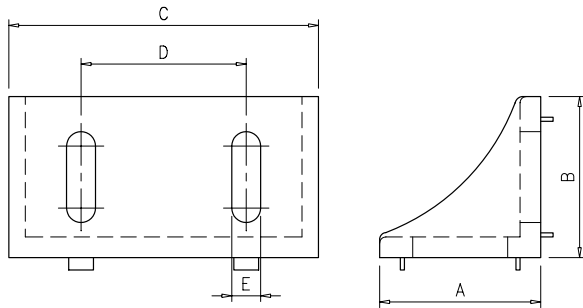
TECHNICAL DATA

|                     |                                 |
|---------------------|---------------------------------|
| Quality of material | Al diecast,                     |
| Surface Color       | Silver, Black,                  |
| Application         | Joint for Profile with bracket, |

## ACCESSORY SYSTEM

### BRACKET SERIES

\ TABD3030 \ TABD4040 \ TABD6060 \ TABD8080  
 \ TABD3060 \ TABD4080 \ TABD6030 \ TABD8040



TABD 3060 \ TABD 4080

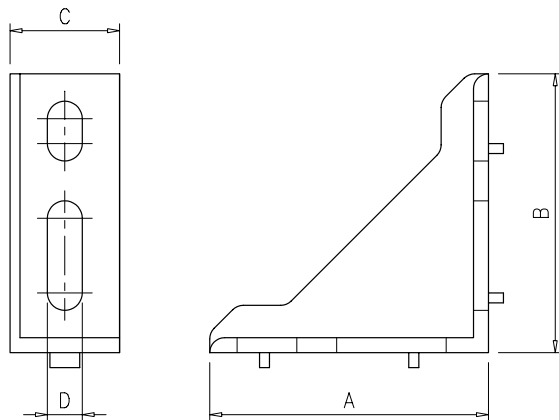
#### 기술 DATA I

|             |             |                                              |
|-------------|-------------|----------------------------------------------|
| 재<br>색<br>용 | 질<br>상<br>도 | Al 다이캐스팅<br>은색, 흑색<br>Profile을 Bracket으로 조립시 |
|-------------|-------------|----------------------------------------------|

#### TECHNICAL DATA I

|                                                     |                                                                  |
|-----------------------------------------------------|------------------------------------------------------------------|
| Quality of material<br>Surface Color<br>Application | Al diecast,<br>Silver, Black,<br>Joint for Profile with bracket. |
|-----------------------------------------------------|------------------------------------------------------------------|

|              |                                      |                           |                                                      |
|--------------|--------------------------------------|---------------------------|------------------------------------------------------|
| 적용<br>단<br>격 | <b>TABD 3060</b><br><b>TABD 4080</b> | 품 명 : A×B×C×D×E           | 적용Profile                                            |
|              |                                      | TABD 3060 : 29×29×55×30×7 | Profile 30 series에 사용<br>(Used for Profile 30Series) |
|              |                                      | TABD 4080 : 39×39×75×40×9 | Profile 40 series에 사용<br>(Used for Profile 40Series) |



TABD 6030 \ TABD 8040

|             |             |                                              |
|-------------|-------------|----------------------------------------------|
| 재<br>색<br>용 | 질<br>상<br>도 | Al 다이캐스팅<br>은색, 흑색<br>Profile을 Bracket으로 조립시 |
|-------------|-------------|----------------------------------------------|

#### TECHNICAL DATA I

|                                                     |                                                                  |
|-----------------------------------------------------|------------------------------------------------------------------|
| Quality of material<br>Surface Color<br>Application | Al diecast,<br>Silver, Black,<br>Joint for Profile with bracket. |
|-----------------------------------------------------|------------------------------------------------------------------|

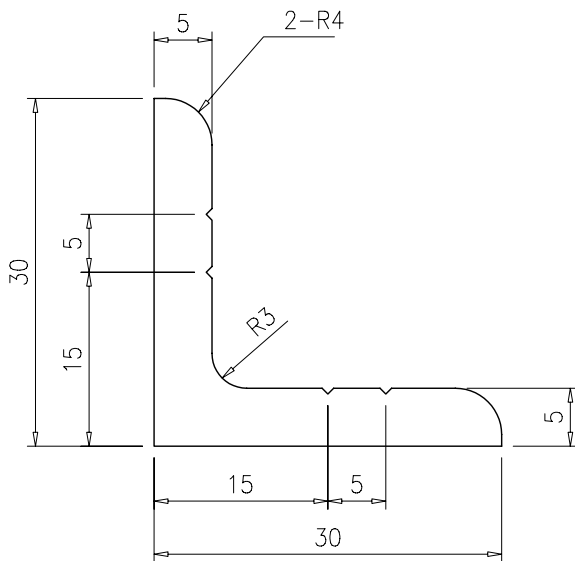
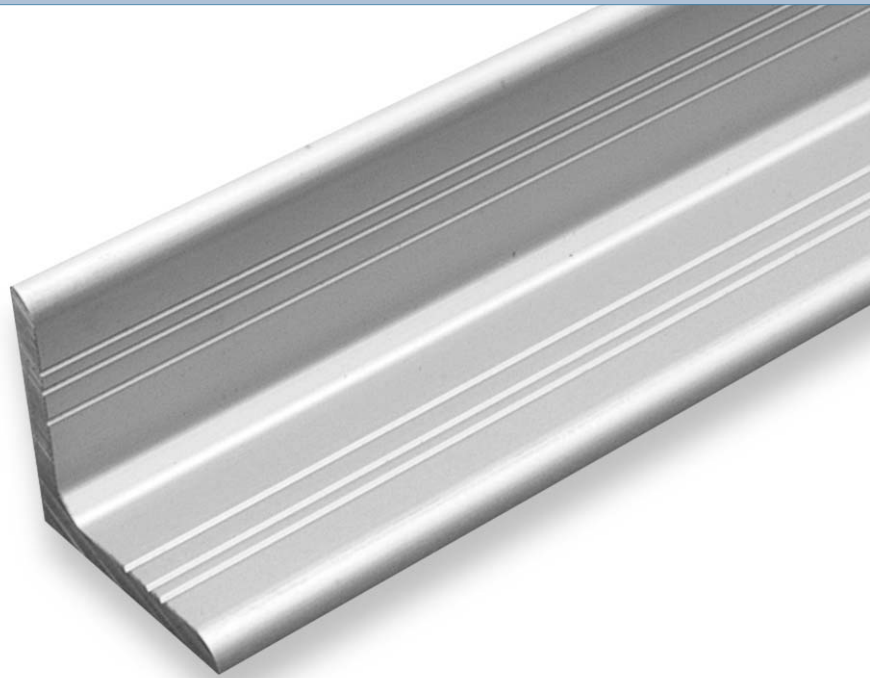
|              |                                      |                        |                                                      |
|--------------|--------------------------------------|------------------------|------------------------------------------------------|
| 적용<br>단<br>격 | <b>TABD 6030</b><br><b>TABD 8040</b> | 품 명 : A×B×C×D          | 적용Profile                                            |
|              |                                      | TABD 6060 : 59×59×28×7 | Profile 60 series에 사용<br>(Used for Profile 60Series) |
|              |                                      | TABD 8080 : 79×79×38×9 | Profile 80 series에 사용<br>(Used for Profile 80Series) |

## ACCESSORY SYSTEM

### ANGLE SERIES

\ TAB3030 \ TAB4040

\ TAB6060 \ TAB8080



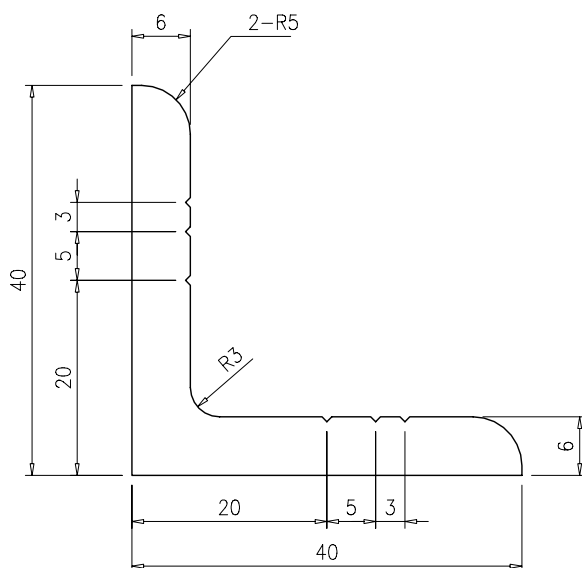
#### TAB3030

##### | 기술 DATA |

|       |                       |
|-------|-----------------------|
| 재 질   | AL-합금(A6N01s-T5)      |
| 표면처리  | Silver Anodized       |
| 단 면 적 | 277.88mm <sup>2</sup> |
| 단 중   | 0.75kg/m <sup>2</sup> |
| 용 도   | Al Bracket            |

##### | TECHNICAL DATA |

|                     |                       |
|---------------------|-----------------------|
| Quality of material | Al Alloy (A6N01s-T5)  |
| Surface proocessing | Silver Anodized       |
| Sectional Area      | 277.88mm <sup>2</sup> |
| Unit Weight         | 0.75kg/m <sup>2</sup> |
| Application         | Al Bracket            |



#### TAB4040

##### | 기술 DATA |

|       |                       |
|-------|-----------------------|
| 재 질   | AL-합금(A6N01s-T5)      |
| 표면처리  | Silver Anodized       |
| 단 면 적 | 444.61mm <sup>2</sup> |
| 단 중   | 1.2kg/m <sup>2</sup>  |
| 용 도   | Al Bracket            |

##### | TECHNICAL DATA |

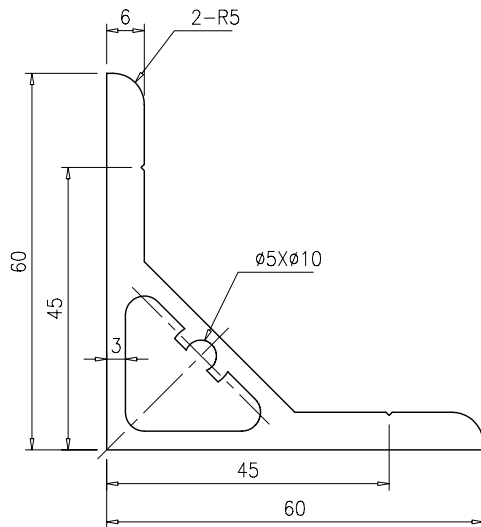
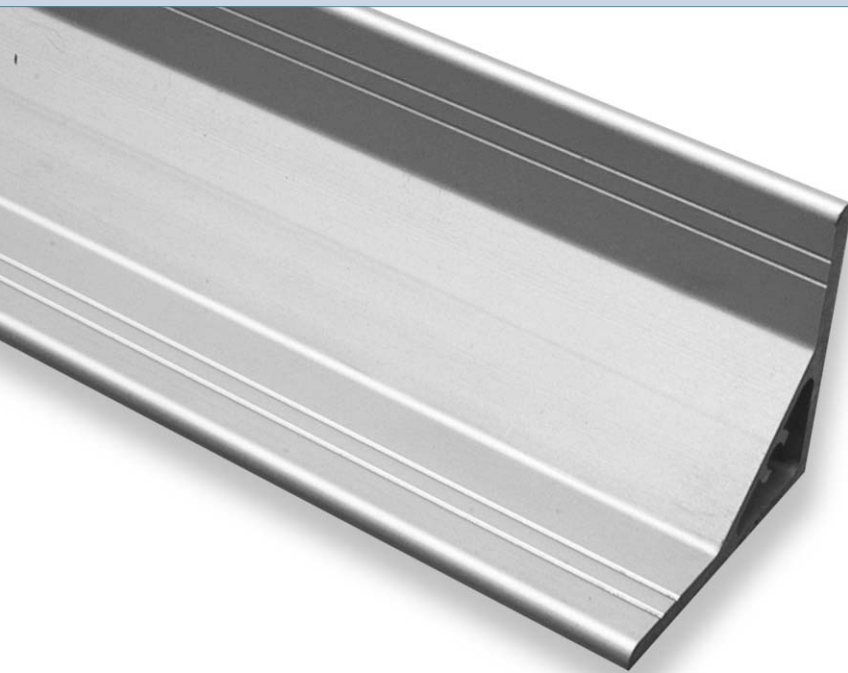
|                     |                       |
|---------------------|-----------------------|
| Quality of material | Al Alloy (A6N01s-T5)  |
| Surface proocessing | Silver Anodized       |
| Sectional Area      | 444.61mm <sup>2</sup> |
| Unit Weight         | 1.2kg/m <sup>2</sup>  |
| Application         | Al Bracket            |

## ACCESSORY SYSTEM

### ANGLE SERIES

\ TAB3030 \ TAB4040

\ TAB6060 \ TAB8080



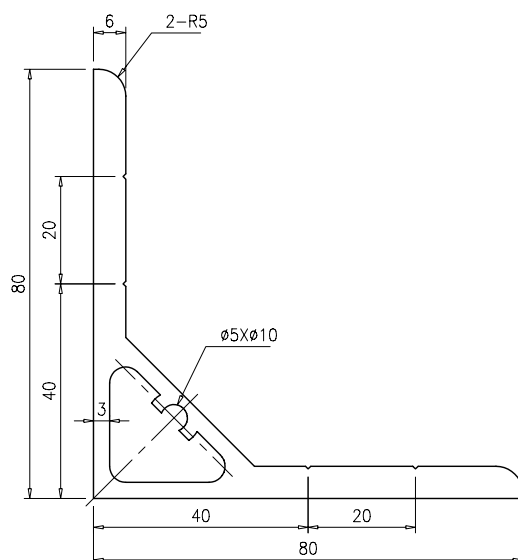
#### TAB6060

#### 기술 DATA I

|       |                       |
|-------|-----------------------|
| 재 질   | AL합금(A6N01s-T5)       |
| 표면처리  | Silver Anodized       |
| 단 면 적 | 722.49mm <sup>2</sup> |
| 단 중   | 1.95kg/m <sup>2</sup> |
| 용 도   | Al Bracket            |

#### TECHNICAL DATA I

|                     |                       |
|---------------------|-----------------------|
| Quality of material | Al Alloy (A6N01s-T5)  |
| Surface proccessing | Silver Anodized       |
| Sectional Area      | 722.49mm <sup>2</sup> |
| Unit Weight         | 1.95kg/m <sup>2</sup> |
| Application         | Al Bracket            |



#### TAB8080

#### 기술 DATA I

|       |                       |
|-------|-----------------------|
| 재 질   | AL합금(A6N01s-T5)       |
| 표면처리  | Silver Anodized       |
| 단 면 적 | 989mm <sup>2</sup>    |
| 단 중   | 2.67kg/m <sup>2</sup> |
| 용 도   | Al Bracket            |

#### TECHNICAL DATA I

|                     |                       |
|---------------------|-----------------------|
| Quality of material | Al Alloy (A6N01s-T5)  |
| Surface proccessing | Silver Anodized       |
| Sectional Area      | 989mm <sup>2</sup>    |
| Unit Weight         | 2.67kg/m <sup>2</sup> |
| Application         | Al Bracket            |



## ACCESSORY SYSTEM

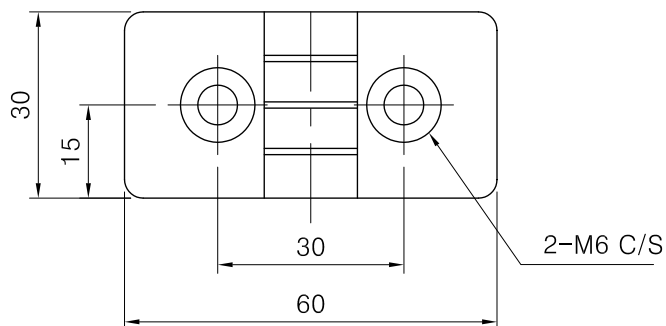
### DOOR HINGE

\ **THA3060** \ **THA3070**

\THA6060 \ THA6070

\THAR6060 \ THAR6070

\THP35(R/L) \ THP40(R/L)



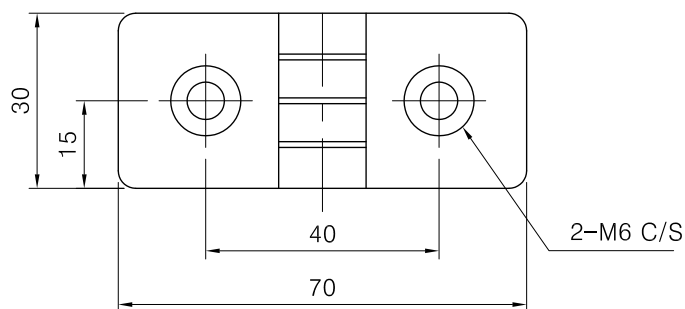
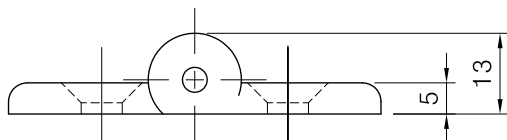
#### THA3060

#### I 기술 DATA I

|      |                    |
|------|--------------------|
| 재 질  | 알루미늄               |
| 표면처리 | 크롬도금, 무광크롬도금, 흑색도장 |
| 용 도  | Door 연결시 사용        |

#### I TECHNICAL DATA I

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Quality of material | ALUMINIUM                                            |
| Surface processing  | CR-COATING, NON-CLOSSY<br>CR-COATING, BLACK PAINTING |
| Application         | Used for Door connection                             |



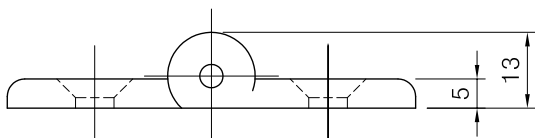
#### THA3070

#### I 기술 DATA I

|      |                    |
|------|--------------------|
| 재 질  | 알루미늄               |
| 표면처리 | 크롬도금, 무광크롬도금, 흑색도장 |
| 용 도  | Door 연결시 사용        |

#### I TECHNICAL DATA I

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Quality of material | ALUMINIUM                                            |
| Surface processing  | CR-COATING, NON-CLOSSY<br>CR-COATING, BLACK PAINTING |
| Application         | Used for Door connection                             |



## ACCESSORY SYSTEM

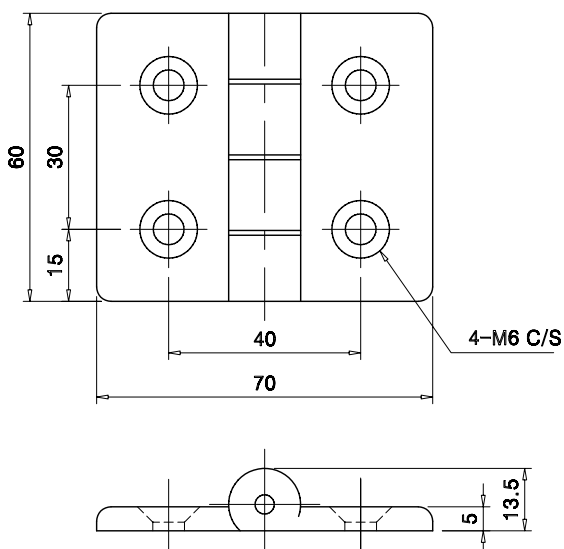
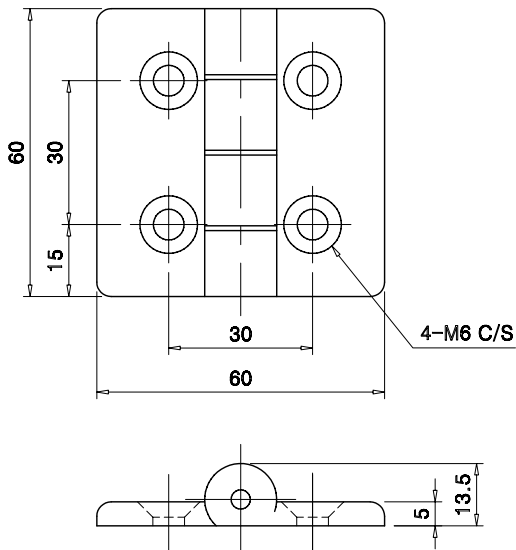
### DOOR HINGE

\ THA3060 \ THA3070

\ THA6060 \ THA6070

\ THAR6060 \ THAR6070

\ THP35(R/L) \ THP40(R/L)



#### THA6060

##### 기술 DATA

|      |                    |
|------|--------------------|
| 재 질  | 아연 다이캐스팅           |
| 표면처리 | 크롬도금, 무광크롬도금, 흑색도장 |
| 용 도  | Door 연결시 사용        |

##### TECHNICAL DATA

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Quality of material | Die-cast zinc                                        |
| Surface processing  | CR-COATING, NON-CLOSSY<br>CR-COATING, BLACK PAINTING |
| Application         | Used for Door connection                             |

#### THA6070

##### 기술 DATA

|      |                    |
|------|--------------------|
| 재 질  | 아연 다이캐스팅           |
| 표면처리 | 크롬도금, 무광크롬도금, 흑색도장 |
| 용 도  | Door 연결시 사용        |

##### TECHNICAL DATA

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Quality of material | Die-cast zinc                                        |
| Surface processing  | CR-COATING, NON-CLOSSY<br>CR-COATING, BLACK PAINTING |
| Application         | Used for Door connection                             |

## ACCESSORY SYSTEM

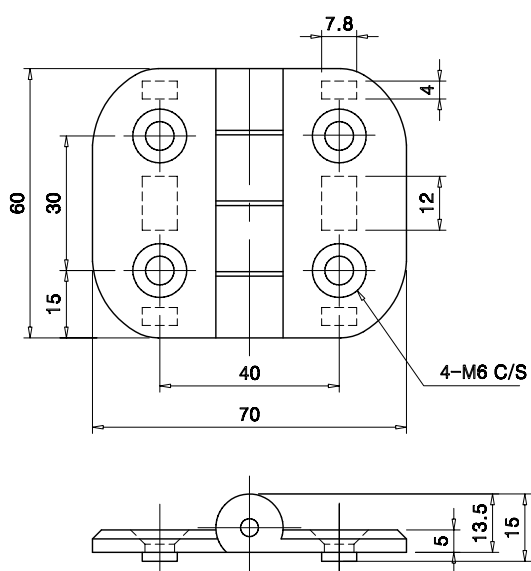
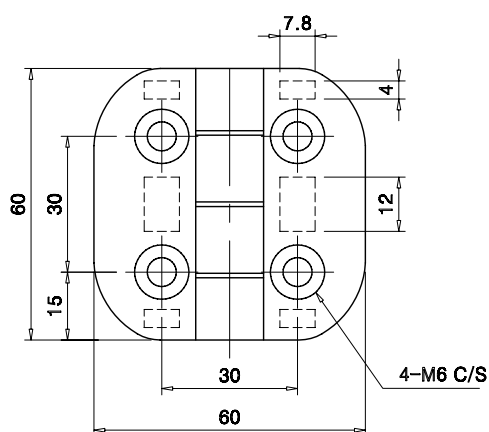
### DOOR HINGE

\THA3060 \THA3070

\THA6060 \THA6070

\THAR6060 \THAR6070

\THP35(R/L) \THP40(R/L)



#### THAR6060

#### 기술 DATA

|      |                    |
|------|--------------------|
| 재질   | 아연 다이캐스팅           |
| 표면처리 | 크롬도금, 무광크롬도금, 흑색도장 |
| 용도   | Door 연결시 사용        |

#### TECHNICAL DATA

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Quality of material | Die-cast zinc                                        |
| Surface processing  | CR-COATING, NON-CLOSSY<br>CR-COATING, BLACK PAINTING |
| Application         | Used for Door connection                             |

#### THAR6070

#### 기술 DATA

|      |                    |
|------|--------------------|
| 재질   | 알루미늄               |
| 표면처리 | 크롬도금, 무광크롬도금, 흑색도장 |
| 용도   | Door 연결시 사용        |

#### TECHNICAL DATA

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Quality of material | ALUMINIUM                                            |
| Surface processing  | CR-COATING, NON-CLOSSY<br>CR-COATING, BLACK PAINTING |
| Application         | Used for Door connection                             |

## ACCESSORY SYSTEM

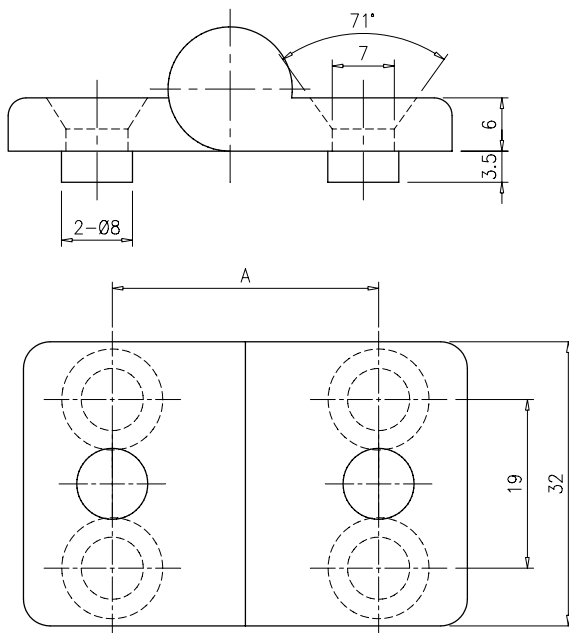
### DOOR HINGE

\ THA3060 \ THA3070

\ THA6060 \ THA6070

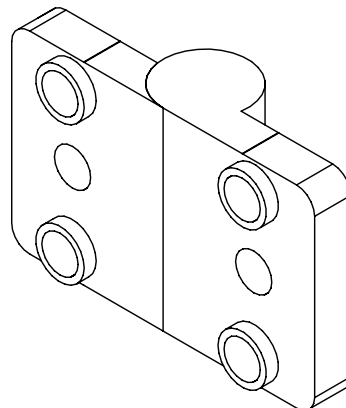
\ THAR6060 \ THAR6070

\ **THP35(R/L) \ THP40(R/L)**



#### 특징:

- Profile의 T홈에 맞게 설계 생산 되므로 안정적으로 사용이 가능하다.
- Pin으로 연결되어 Door면의 탈착 또는 취부가 간단하다.
- 외관이 미려하다.



|      |                  |              |           |           |
|------|------------------|--------------|-----------|-----------|
| 적용규격 | <b>THP35 R/L</b> | 품명 :         | THP 35R/L | THP 40R/L |
|      | <b>THP40 R/L</b> | A :          | 35mm      | 40mm      |
|      |                  | 적용 Profile : | 35Series  | 40Series  |

#### THP35 R/L \ THP40 R/L

#### 기술 DATA I

|    |                   |
|----|-------------------|
| 재질 | Plastic Grass 10% |
| 색상 | 흑색                |
| 용도 | Door 연결시 사용       |

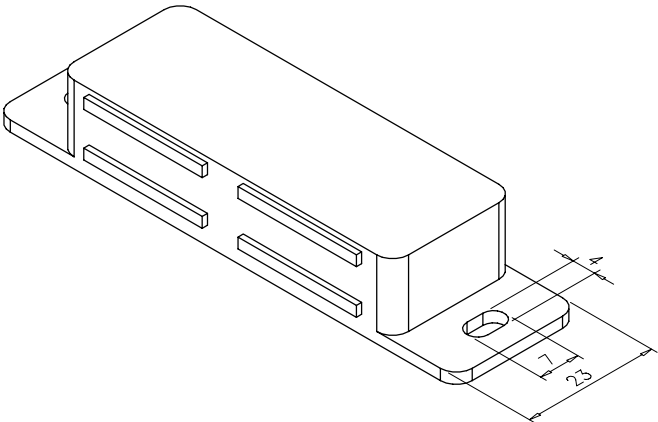
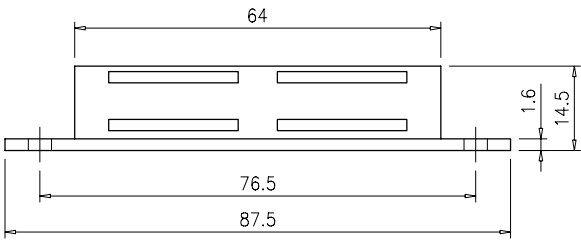
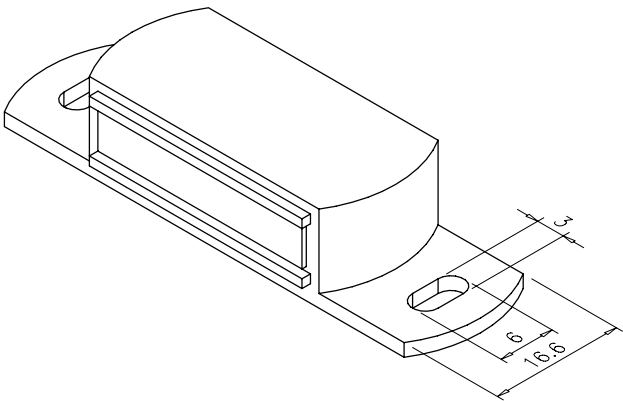
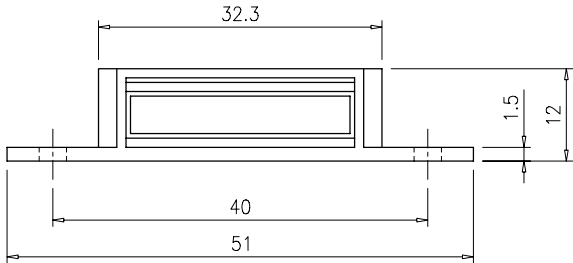
#### TECHNICAL DATA I

|                     |                          |
|---------------------|--------------------------|
| Quality of material | Plastic Grass 10%        |
| Surface Color       | Black                    |
| Application         | Used for Door connecting |

ACCESSORY SYSTEM

MAGNET

TDL -6K \ TDL-10K



TDL-6K

기술 DATA I

|      |           |
|------|-----------|
| 재질   | Steel     |
| 표면처리 | 아연도금      |
| 용도   | Door Lock |

TECHNICAL DATA I

|                     |            |
|---------------------|------------|
| Quality of material | Steel      |
| Surface processing  | Zn-coating |
| Application         | Door Lock  |



TDL-10K

기술 DATA I

|      |           |
|------|-----------|
| 재질   | Steel     |
| 표면처리 | 아연도금      |
| 용도   | Door Lock |

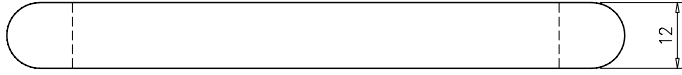
TECHNICAL DATA I

|                     |            |
|---------------------|------------|
| Quality of material | Steel      |
| Surface processing  | Zn-coating |
| Application         | Door Lock  |

ACCESSORY SYSTEM

HANDLE

\TDH105S \ TDH140A



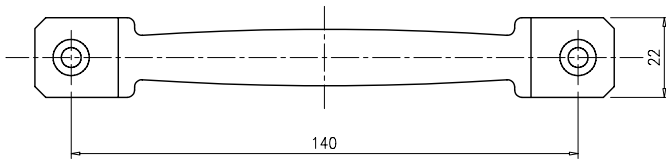
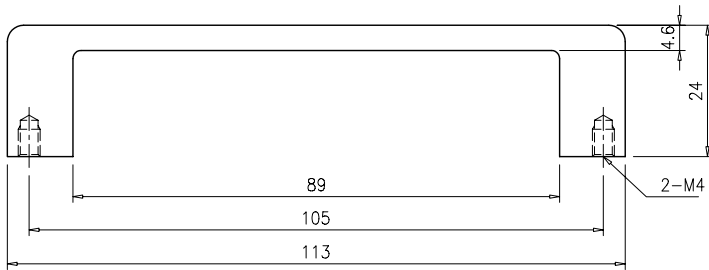
TDH105S

기술 DATA I

|    |             |
|----|-------------|
| 재질 | 아연합금        |
| 색상 | 은색          |
| 용도 | Door handle |

TECHNICAL DATA I

|                     |             |
|---------------------|-------------|
| Quality of material | Alloy of Zn |
| Surface Color       | Silver      |
| Application         | Door handle |



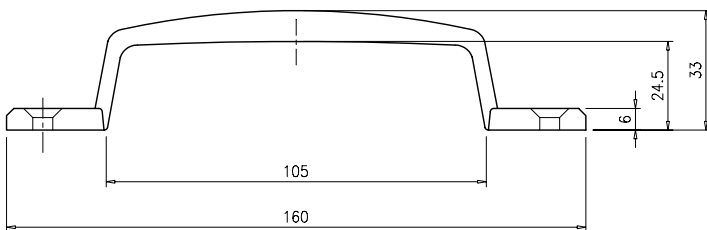
TDH140A

기술 DATA I

|      |             |
|------|-------------|
| 재질   | 알루미늄 다이캐스팅  |
| 표면처리 | 크롬도금, 크롬무광  |
| 용도   | Door handle |

TECHNICAL DATA I

|                     |                           |
|---------------------|---------------------------|
| Quality of material | Al diecast                |
| Surface processing  | Cr-coating, Non-glossy or |
| Application         | Door handle               |



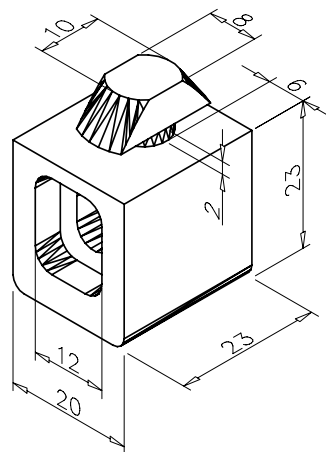
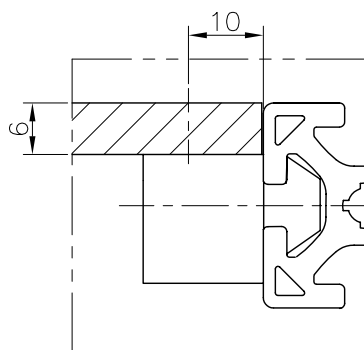
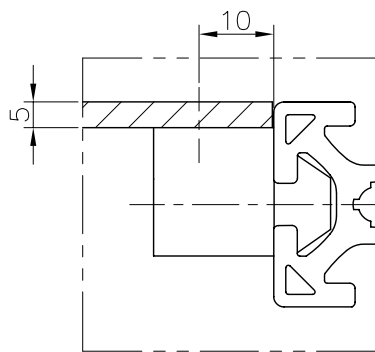


ACCESSORY SYSTEM

MULTIBLOCK

TMB30 \ TMB40

조립시 M6 BOLT 사용



TMB30

기술 DATA

|       |                                           |
|-------|-------------------------------------------|
| 재질    | Plastic Grass 10%                         |
| 색상    | 흑색, 백색                                    |
| 무게    | 13g                                       |
| 허용 하중 | 25kgf/EA                                  |
| 용도    | Profile T홈에 부착후 Panel등을 부착<br>(30 SERIES) |

TECHNICAL DATA

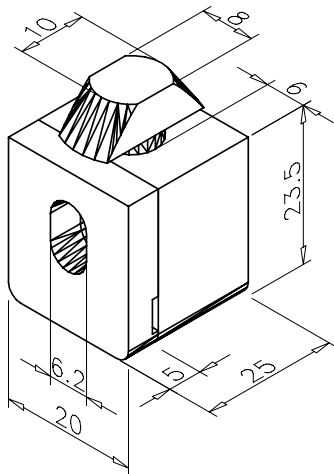
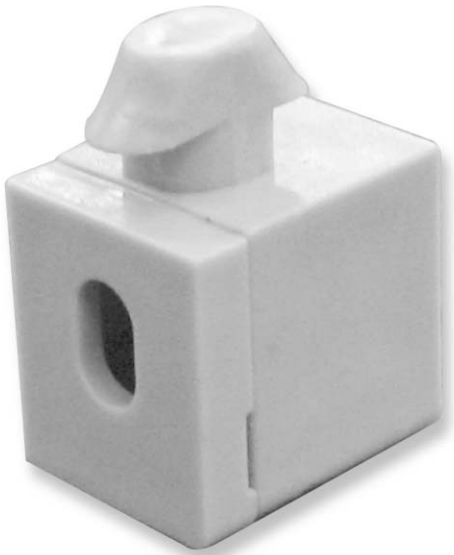
|                     |                                             |
|---------------------|---------------------------------------------|
| Quality of material | Plastic Grass 10%                           |
| Surface color       | Black, White                                |
| Unit Weight         | 13g                                         |
| Allow load          | 25kgf/EA                                    |
| Application         | Attach panel afert Attachment<br>30 SERIES) |

ACCESSORY SYSTEM

MULTIBLOCK

\ TMB30 \ TMB40

조립시 M6 BOLT 사용



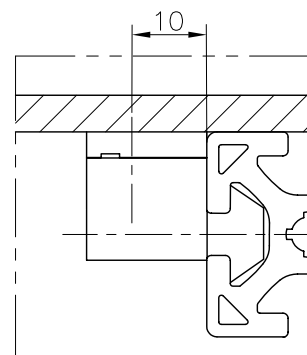
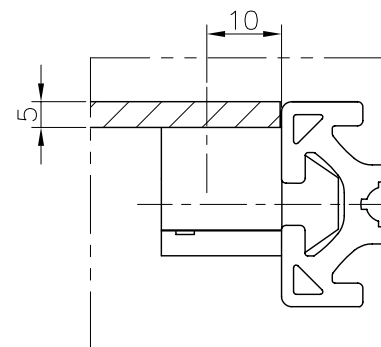
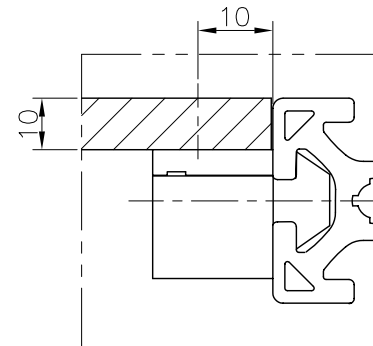
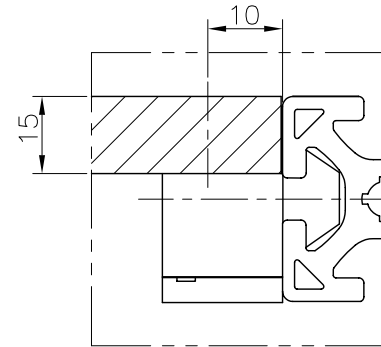
TMB40

기술 DATA

|       |                                           |
|-------|-------------------------------------------|
| 재질    | Plastic Grass 10%                         |
| 색상    | 흑색, 백색                                    |
| 무게    | 13g                                       |
| 허용 하중 | 25kgf/EA                                  |
| 용도    | Profile T홈에 부착후 Panel등을 부착<br>(40 SERIES) |

TECHNICAL DATA

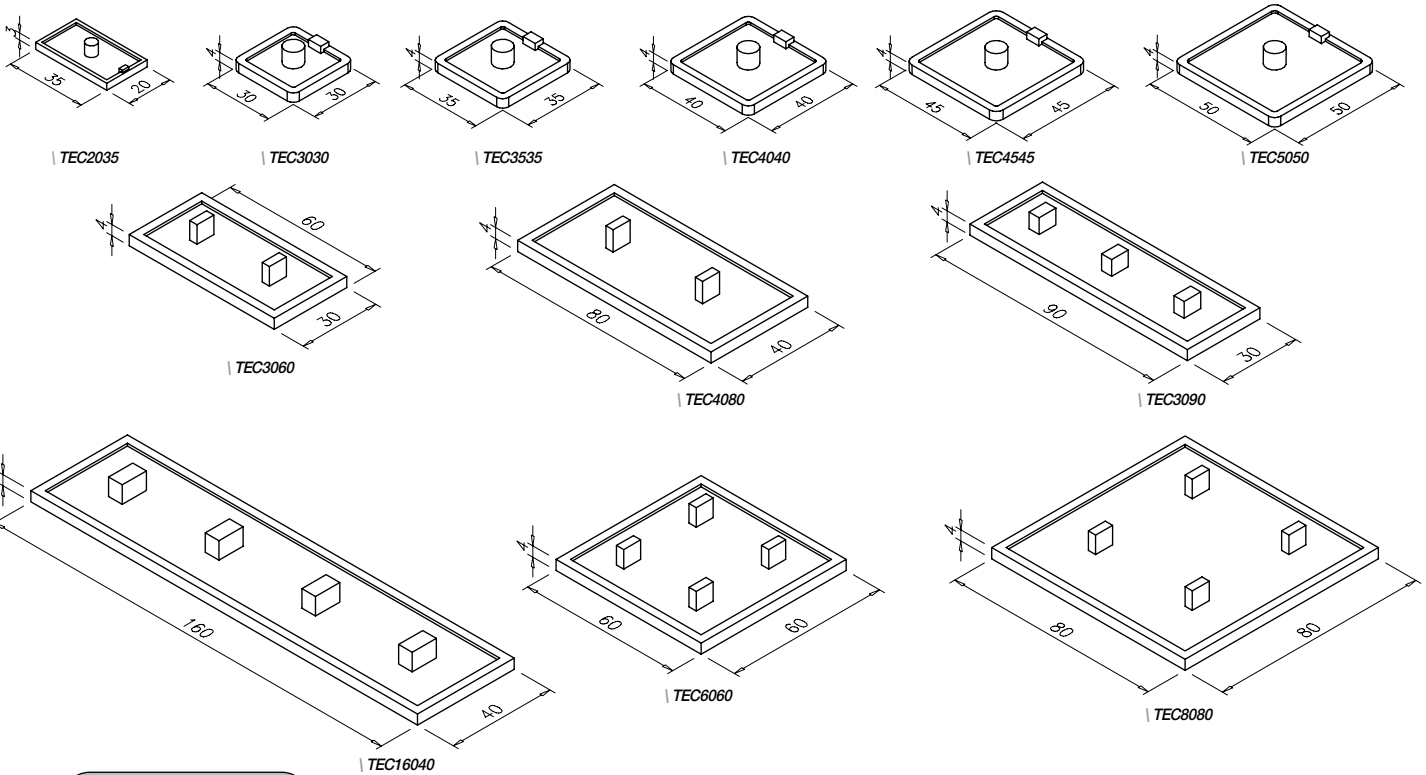
|                     |                                              |
|---------------------|----------------------------------------------|
| Quality of material | Plastic Grass 10%                            |
| Surface color       | Black, White                                 |
| Unit Weight         | 13g                                          |
| Allow load          | 25kgf/EA                                     |
| Application         | Attach panel afert Attachment<br>(40 SERIES) |



## ACCESSORY SYSTEM

### END CAP SERIES

\ TEC2035 \ TEC3030 \ TEC3570 \ TEC4040 \ TEC4545 \ TEC4560 \ TEC4590 \ TEC5050  
 \ TEC3060 \ TEC4080 \ TEC3090 \ TEC16040 \ TEC6060 \ TEC8080 \ TEC9090 \ TEC10050



### END CAP SERIES

#### 기술 DATA I

|   |   |                   |
|---|---|-------------------|
| 재 | 질 | Plastic Grass 10% |
| 색 | 상 | 흑색, 백색            |
| 용 | 도 | Profile의 끝단에 부착   |

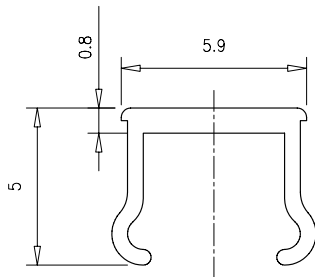
#### TECHNICAL DATA I

|                     |                             |
|---------------------|-----------------------------|
| Quality of material | Plastic Grass 10%           |
| Surface color       | Black, White                |
| Application         | Assemble end of the Profile |

ACCESSORY SYSTEM

GROOVE COVER

TGC20 \ TGC30 \ TGC40



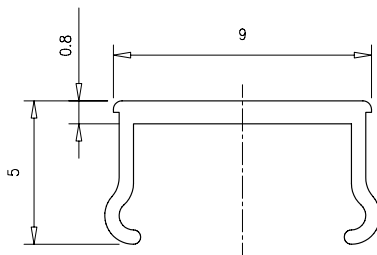
TGC20

기술 DATA I

|             |             |                                        |
|-------------|-------------|----------------------------------------|
| 재<br>색<br>용 | 질<br>상<br>도 | 폴리에틸렌<br>흑, 백, 투명<br>Profile 측면부 COVER |
|-------------|-------------|----------------------------------------|

TECHNICAL DATA I

|                     |                        |
|---------------------|------------------------|
| Quality of material | Poly ethylene          |
| Surface color       | Black, White, Clear    |
| Application         | Used for Profile Cover |



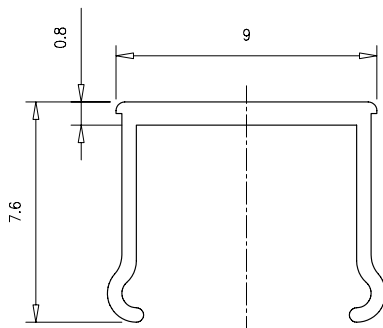
TGC30

기술 DATA I

|             |             |                                        |
|-------------|-------------|----------------------------------------|
| 재<br>색<br>용 | 질<br>상<br>도 | 폴리에틸렌<br>흑, 백, 투명<br>Profile 측면부 COVER |
|-------------|-------------|----------------------------------------|

TECHNICAL DATA I

|                     |                        |
|---------------------|------------------------|
| Quality of material | Poly ethylene          |
| Surface color       | Black, White, Clear    |
| Application         | Used for Profile Cover |



TGC40

기술 DATA I

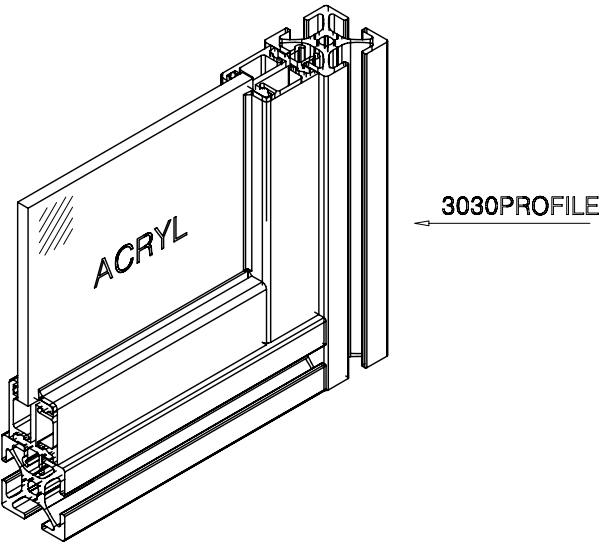
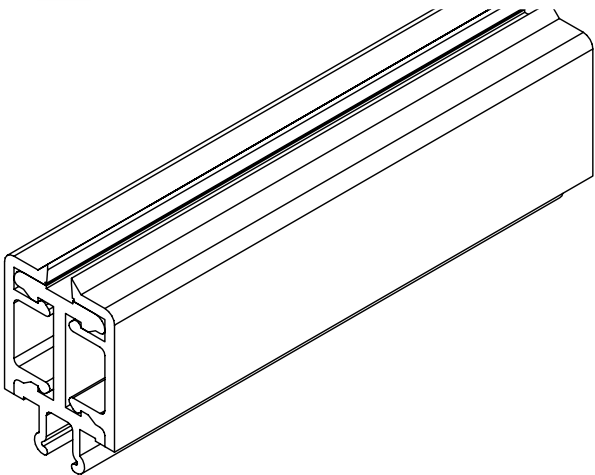
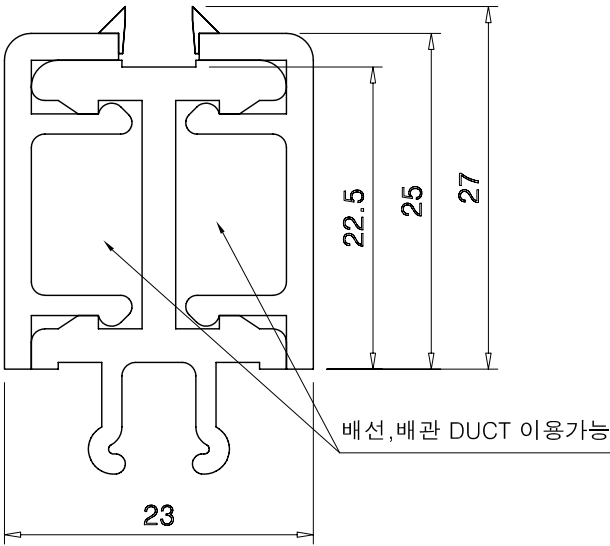
|             |             |                                        |
|-------------|-------------|----------------------------------------|
| 재<br>색<br>용 | 질<br>상<br>도 | 폴리에틸렌<br>흑, 백, 투명<br>Profile 측면부 COVER |
|-------------|-------------|----------------------------------------|

TECHNICAL DATA I

|                     |                        |
|---------------------|------------------------|
| Quality of material | Poly ethylene          |
| Surface color       | Black, White, Clear    |
| Application         | Used for Profile Cover |

ACCESSORY SYSTEM  
I COVER HOLDER SERIES  
\\ TCH-30 \\ TCH-30S \\ TCH-40

Profile 내측에 조립



TCH-30

I 기술 DATA I

|    |          |        |
|----|----------|--------|
| 재질 | 질        | P.V.C  |
| 색상 | 상        | 회색, 검정 |
| 적용 | Acryl 두께 | 5mm    |

I TECHNICAL DATA I

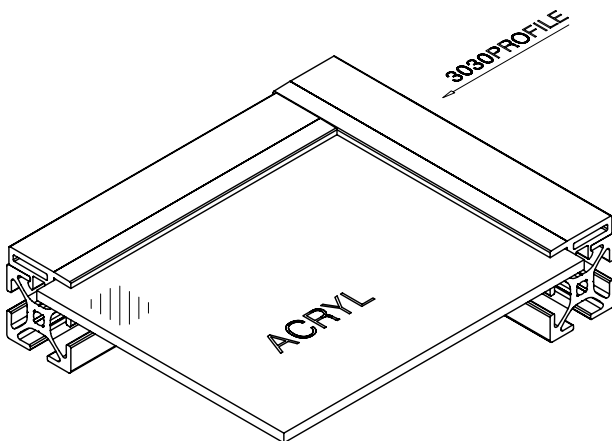
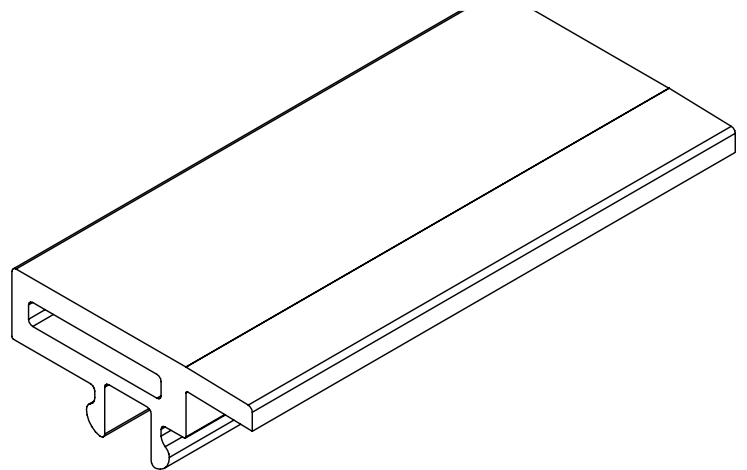
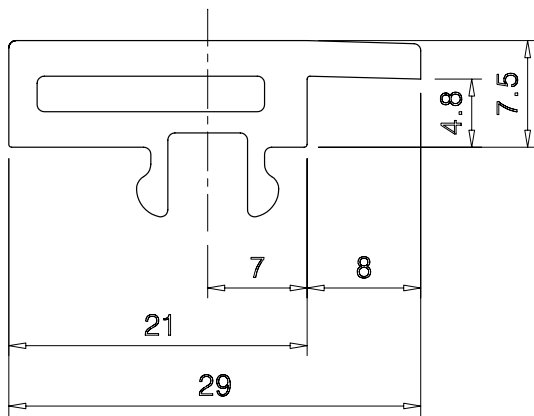
|                             |             |
|-----------------------------|-------------|
| Quality of material         | P.V.C       |
| Surface color               | Gray, Black |
| Application acryl thickness | 5mm         |

ACCESSORY SYSTEM

COVER HOLDER SERIES

\ TCH-30 \ TCH-30S \ TCH-40

Profile 외측 측면에 조립



TCH-30S

기술 DATA

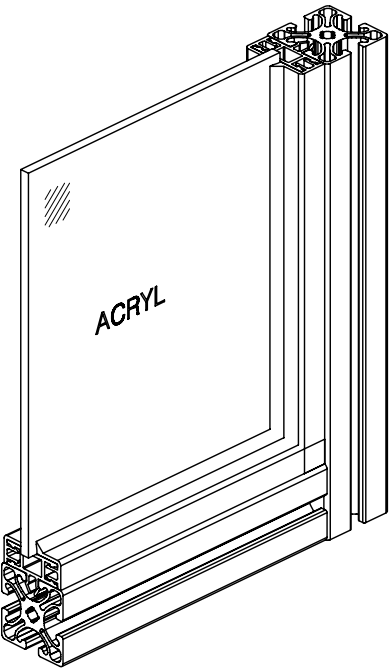
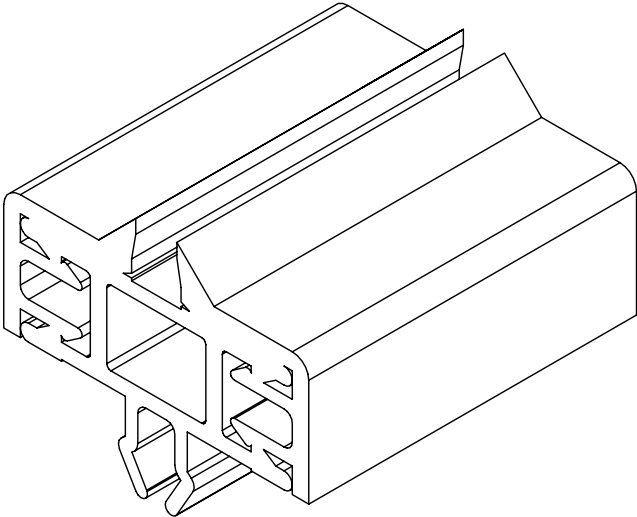
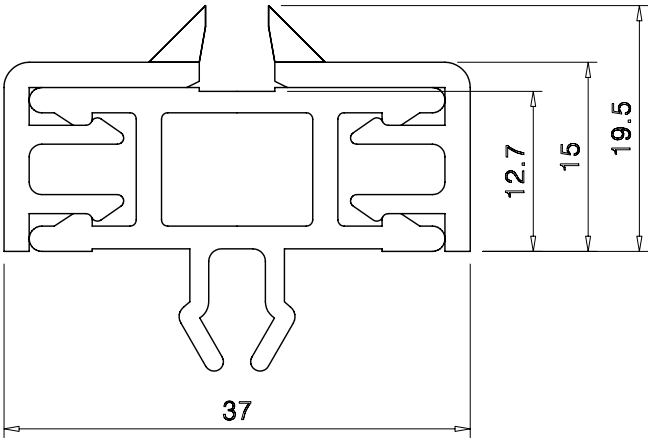
|             |        |
|-------------|--------|
| 재질          | P.V.C  |
| 색상          | 회색, 검정 |
| 적용 Acryl 두께 | 5mm    |

TECHNICAL DATA

|                             |             |
|-----------------------------|-------------|
| Quality of material         | P.V.C       |
| Surface color               | Gray, Black |
| Application acryl thickness | 5mm         |

ACCESSORY SYSTEM  
I COVER HOLDER SERIES  
\\ TCH-30 \\ TCH-30S \\ TCH-40

Profile 내측에 조립



4040PROFILE

TCH-40

I 기술 DATA I

|             |        |
|-------------|--------|
| 재질          | P.V.C  |
| 색상          | 회색, 검정 |
| 적용 Acryl 두께 | 5mm    |

I TECHNICAL DATA I

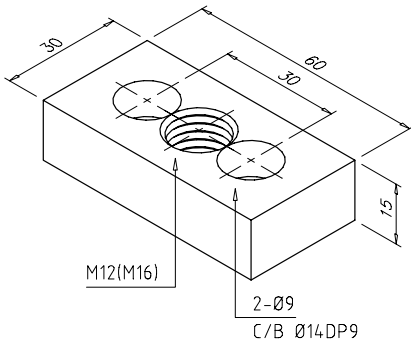
|                             |             |
|-----------------------------|-------------|
| Quality of material         | P.V.C       |
| Surface color               | Gray, Black |
| Application acryl thickness | 5mm         |



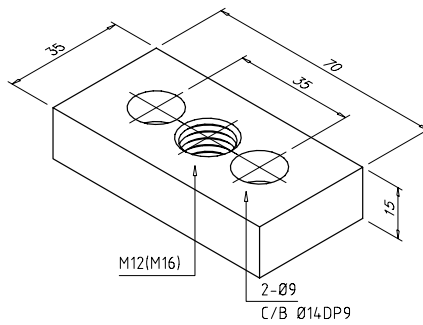
## ACCESSORY SYSTEM

### FOOT BASE SERIES

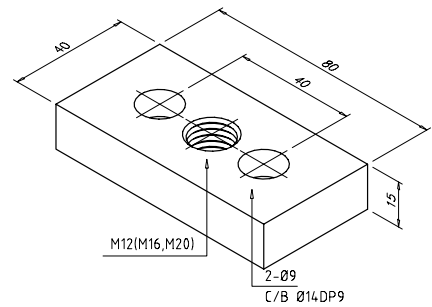
- \ TFB3060-12(16) \ TFB3570-12(16)
- \ TFB4080-12(16,20) \ TFB6060-12(16,20)
- \ TFB8080-12(16,20) \ TFBN6060-12(16)
- \ TFBN8080-16(20)



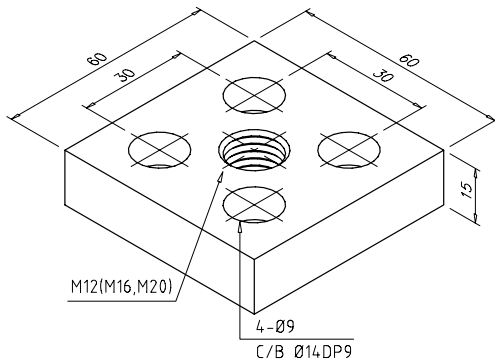
TFB3060-12(16)



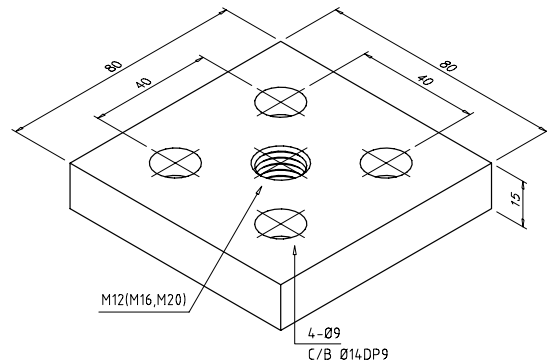
TFB3570-12(16)



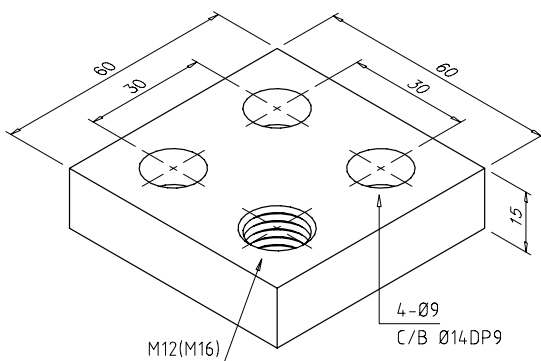
TFB4080-12(16,20)



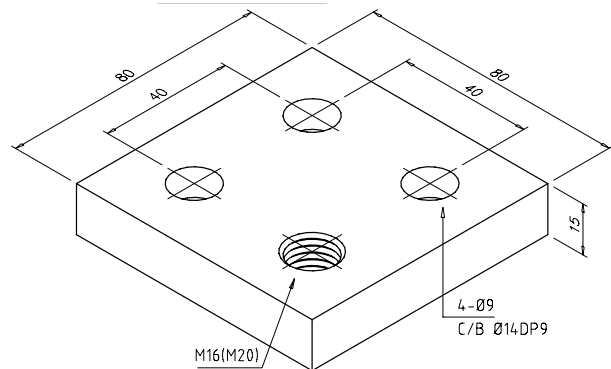
TFB6060-12(16,20)



TFB8080-12(16,20)



TFBN6060-12(16)



TFBN8080-16(20)

### 기술 DATA

재질: S41C  
표면처리: 니켈도금  
용도: Profile의 끝단에 부착하여 Leveling foot base로 사용

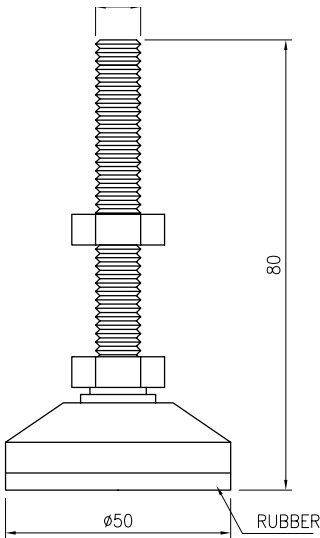
Quality of material  
Surface processing  
Application

S41C  
Ni-coating  
Assemble the Levelling foot to the end of the Profile

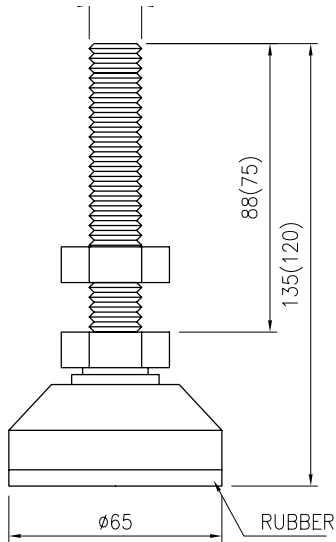
ACCESSORY SYSTEM

LEVELLING FOT SERIES

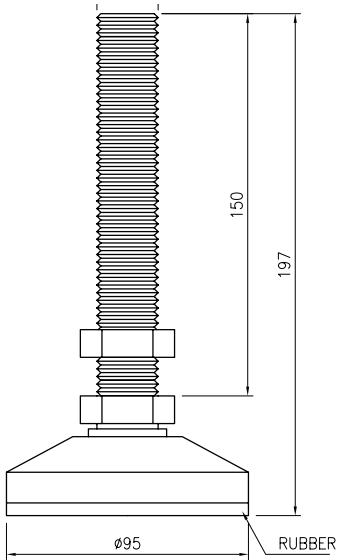
TLF50-M8 / TLF65-M12 / TLF65-M16  
TLF95-M24



TLF50-M8 M16(M12)



TLF65-M12 / TLF65-M16 M24



TLF95-M24

| 적용<br>구경 | TLF | 품명 :        | 허용 하중        | 비고     |
|----------|-----|-------------|--------------|--------|
|          |     |             | (Allow load) | (Note) |
|          |     | TLF50-M8 :  | 70kgf/EA     | STEEL  |
|          |     | TLF65-M12 : | 900kgf/EA    | STEEL  |
|          |     | TLF65-M16 : | 1000kgf/EA   | STEEL  |
|          |     | TLF95-M24 : | 1200kgf/EA   | STEEL  |

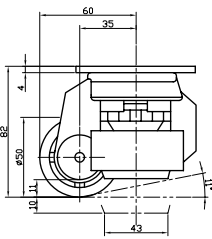
## ACCESSORY SYSTEM

CARRY MASTER(FOOT MASTER)

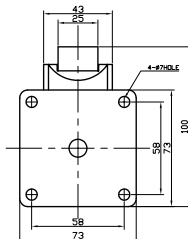
\ TCM-60F \ TCM-80F \ TCM-100F  
\ TCM-120F \ TCM-150F



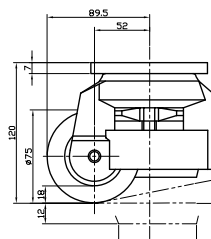
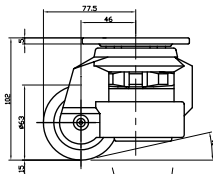
특징 : 몸체는 기계적 성질이 뛰어난 구상흑연 주철로 주조되어 충격하중에서도 잘 견디도록 제작되었고 높낮이 조절 부위에 스라스트 베이팅을 삽입 마찰력이 감소되어 최소한의 힘으로 높낮이 조절을 할 수 있다.



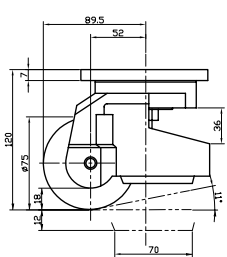
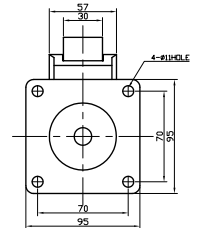
TCM-60F



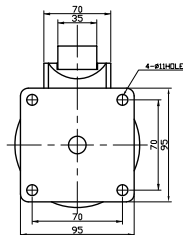
TCM-80F



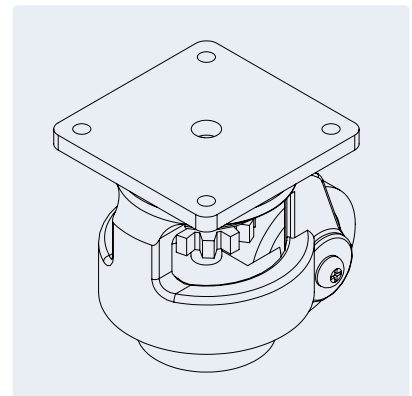
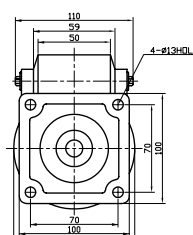
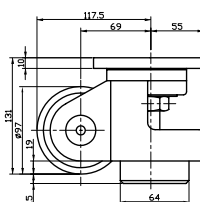
TCM-100F



TCM-120F



TCM-150F



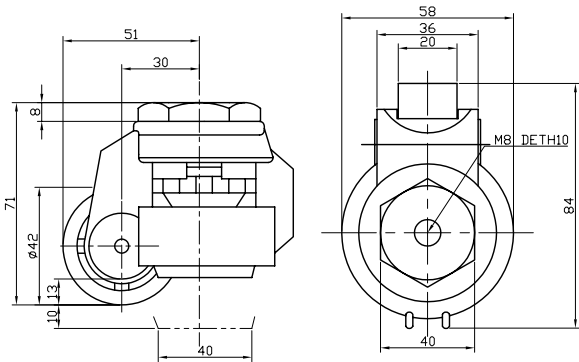
적용규격

| TCM-F | 품명<br>(model):        | TCM60F                                                                                                                                                           | TCM80F     | TCM100F    | TCM120F    | TCM150F    |
|-------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|------------|
|       | 허용하중<br>(Allow load): | 250kg/EA                                                                                                                                                         | 500kg/EA   | 750kg/EA   | 1,000kg/EA | 1,500kg/EA |
|       | 사용하중<br>(Usable):     | 500kg/EA                                                                                                                                                         | 1,000kg/EA | 1,500kg/EA | 2,000kg/EA | 3,000kg/EA |
|       | 중량<br>(Weight):       | 0.5kg/EA                                                                                                                                                         | 1.5kg/EA   | 2.2kg/EA   | 2.6kg/EA   | 5.5kg/EA   |
|       | 용도<br>(Applications): | 시험설비, 청정설비, 의료기기, 제어판, 반도체, 제조설비, 전자기기<br>용, 가변생산설비등<br>Test, clean room, medical instrument, equipments, manu-<br>facturing, Switchboards, F,M,S, ines and etc. |            |            |            |            |

ACCESSORY SYSTEM

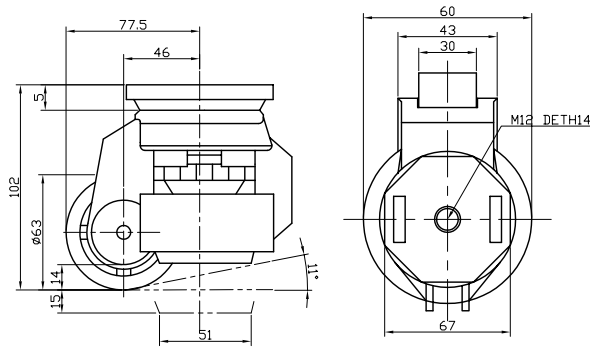
CARRY MASTER(FOOT MASTER)

TCM-40S \ TCM-60S \ TCM-80S \ TCM-100S



TCM-40S

TCM-60S



TCM-80S

TCM-100S

| 적용<br>규격 | TCM-S                 |                                                                                                                                                                  |          |            |            |
|----------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|------------|
|          | 품명<br>(model):        | TCM60S                                                                                                                                                           | TCM80S   | TCM100S    | TCM120S    |
|          | 허용하중<br>(Allow load): | 50kg/EA                                                                                                                                                          | 250kg/EA | 500kg/EA   | 750kg/EA   |
|          | 사용하중<br>(Usable):     | 100kg/EA                                                                                                                                                         | 500kg/EA | 1,000kg/EA | 1,500kg/EA |
|          | 중량<br>(Weight):       | 0,38kg/EA                                                                                                                                                        | 0,7kg/EA | 1,3kg/EA   | 1,8kg/EA   |
|          | 용도<br>(Applications): | 시험설비, 청정설비, 의료기기, 제어판, 반도체, 제조설비, 전자기기<br>용, 가변생산설비등<br>Test, clean room, medical instrument, equipments, manu-<br>facturing, Switchboards, F,M,S, ines and etc. |          |            |            |



## LESSVEYOR SERIES

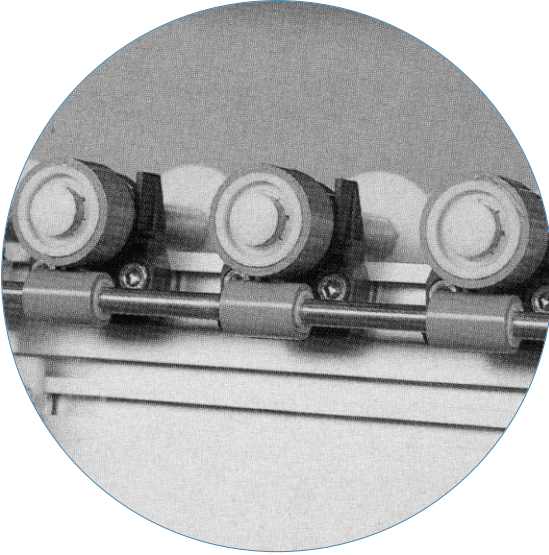
LESSVEYOR : 동력전달을 비접촉화하여 분진이나 소음을 획기적으로 줄인 CLEAN 환경용 CONVEYOR를 뜻합니다.

- 104 \ LESSVEYOR의 특징점
- 106 \ ACCUM 소형ROLLER CONVEYOR TGM18
- 107 \ CORNER FOLLER CONVEYOR TGC18
- 108 \ ALIMENT(정렬) CONVEYOR TGA20
- 109 \ 응용 SYSTEM

## LESSVEYOR의 특징점

■비접촉구동을 실현한 MAGNET DRIVE

LESSVEYOR는 자력의 흡인과 반발력을 이용하여 반송 ROLLER를 회전시킵니다.  
따라서, 기존의 BELT 방식에 비교하여 Loss가 적은 고효율적인 구동을 실현합니다.



### LESSVEYOR TORQUE전달부의 확대사진

회색부분의 자석에 의하여, 비접촉으로  
롤러를 구동시킵니다.

## LESSVEYOR의 특징



### MAINTENANCE FREE

Roller에의 전동이 비접촉이므로, Belt · Chain등의 절단, 마모, 분진이없 MAINTENANCE FREE를 실현합니다.



### SAVE ENERGY

Belt전동방식에 비교하여 소비전력을 대폭 절감합니다.  
소모품 · 소비전력등의 Running Cost를 대폭삭감합니다.



### SUPER CLEAN

전동에 있어서 Belt · Chain · Gear방식을 배제하고 비접촉방식을 적용함으로써 Particle발생을 최소화하여 Class 100 을 실현하며, Clean Tunnel을 설치하면 Class 10 이하를 실현할 수 있습니다.



### LOW NOISE

저소음, 저진동을 가능케하여 우수한 작업환경을 조성합니다.



### HIGH SPEED

비접촉 구동으로서 Belt나 Chain등에 비하여 고속대응이 가능합니다.



### MANY VARIATION

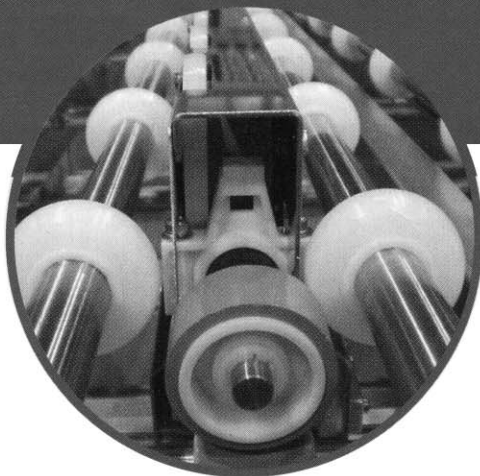
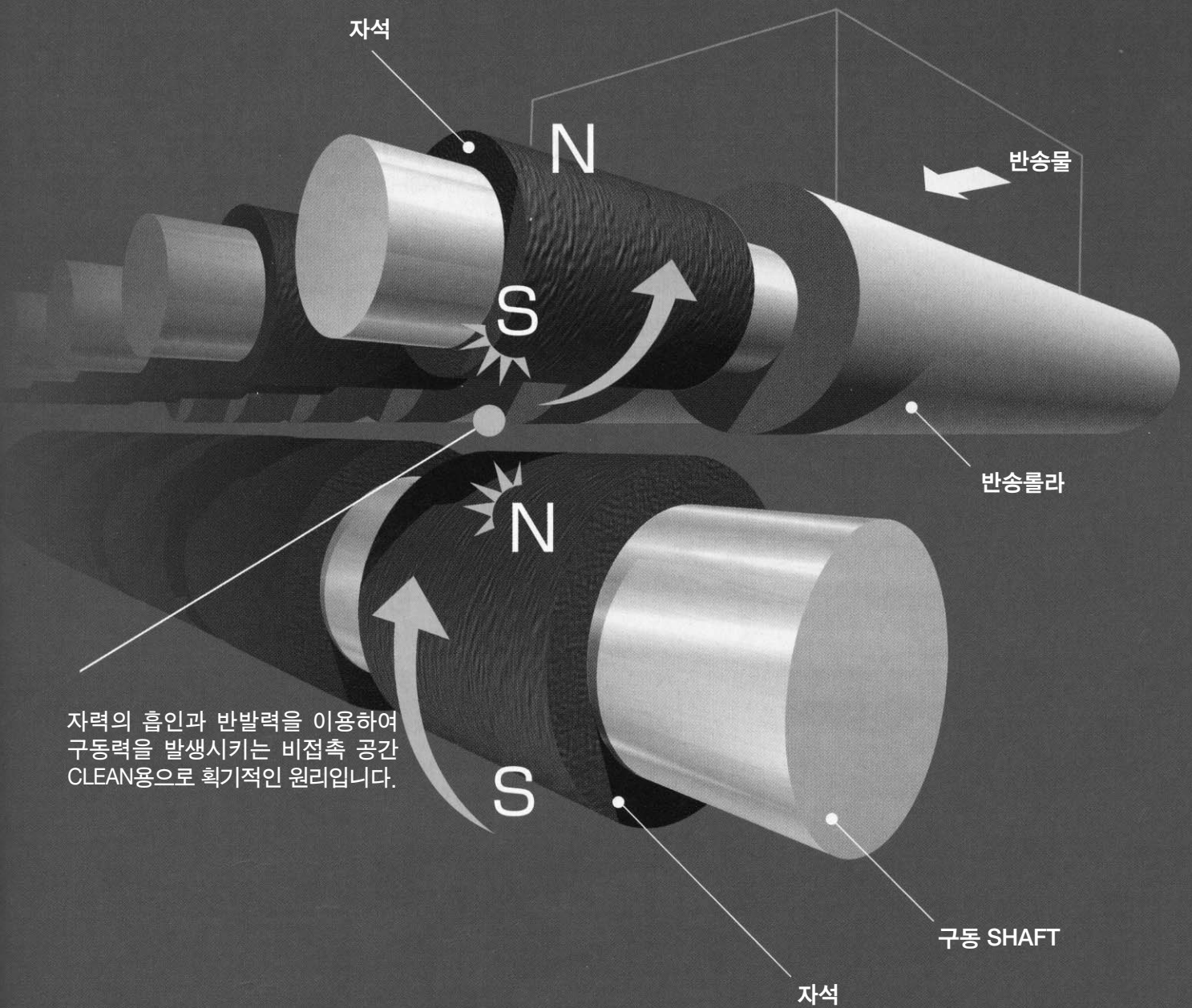
고객의 다양한 요구에 부응하여 설계및 엔지니어를 통한, LCD · PDP등의 FPD분야의 반송장치등에 대응합니다.



### SAFETY

반송 Roller를 Free Type과 고정Type로 가능하며, 반송부하에 대하여 Torque Free의 기능이 발휘됩니다.







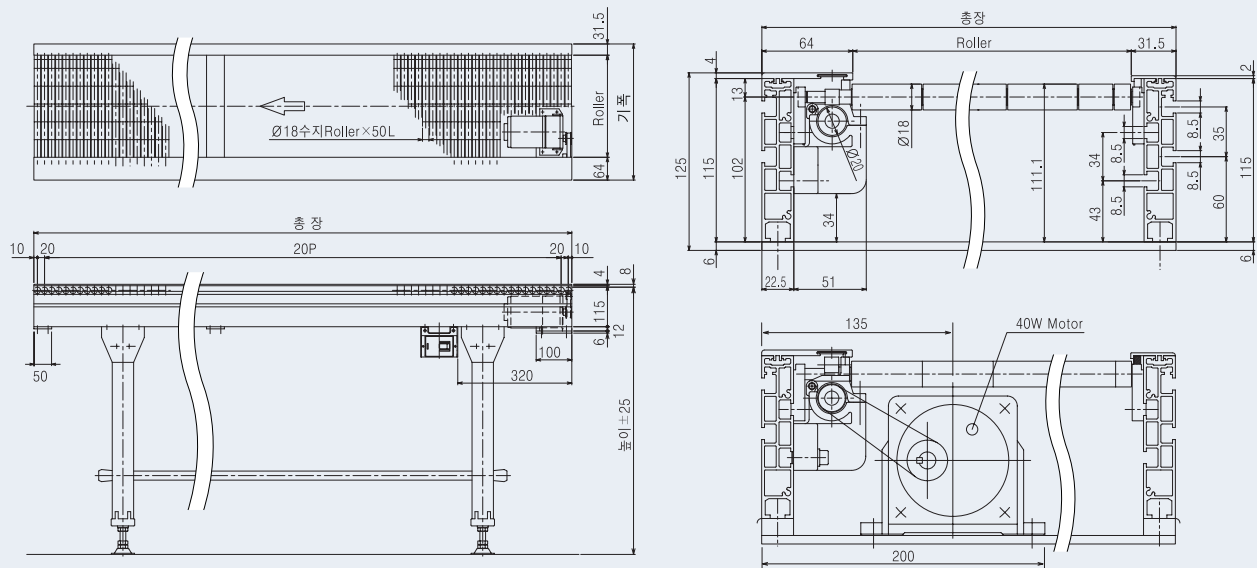
## TGM18

## ACCUM 소형ROLLER CONVEYOR

LESSVEYOR SERIES의 STANDARD MODEL,  
BELT에 비하여 MAINTENANCE가 용이합니다.



## TGM18



| Roller  | Roller Pitch | Roller폭            | Conveyor총장(cm) | Frame | Motor 출력 |
|---------|--------------|--------------------|----------------|-------|----------|
| 수지 ø 18 | 20           | 200, 300, 400, 500 | 1M, 2M, 3M     | 알루미늄  | 40W      |

|      |                             |
|------|-----------------------------|
| 이송속도 | 감속비 1/50, 60Hz 인경우 4.3M/min |
|------|-----------------------------|

|                  |              |      |                                              |   |   |   |   |   |
|------------------|--------------|------|----------------------------------------------|---|---|---|---|---|
| 주<br>문<br>사<br>양 | <b>TGM18</b> | 주문번호 | TGM18 - 1 04 - 300 - 200 - K-9               |   |   |   |   |   |
|                  |              |      | ①                                            | ② | ③ | ④ | ⑤ | ⑥ |
|                  | ①            | :    | 기종명                                          |   |   |   |   |   |
|                  | ②            | :    | 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상) |   |   |   |   |   |
|                  | ③            | :    | Motor출력 04: 40W                              |   |   |   |   |   |
|                  | ④            | :    | Roller폭(mm)                                  |   |   |   |   |   |
|                  | ⑤            | :    | 총장(cm)                                       |   |   |   |   |   |
|                  | ⑥            | :    | 속도기호 K: 정속-감속비 U: 가변속-감속비                    |   |   |   |   |   |

※표준이외의 총장은 Roller Pitch 20mm의 배수로 가능합니다.



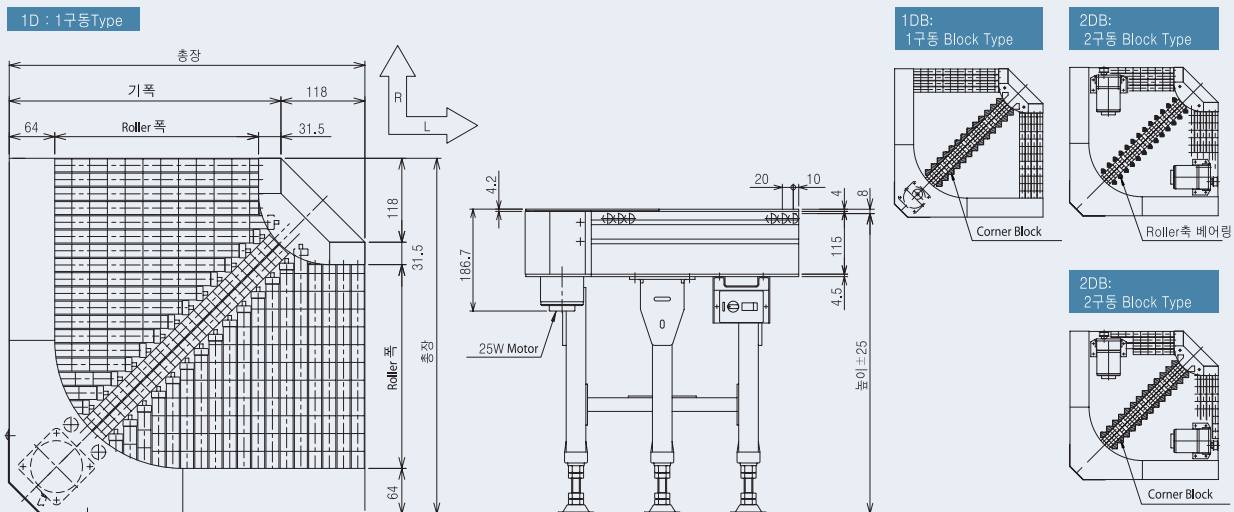
## TGC18

## CORNER ROLLER CONVEYOR

직각반송이 가능한 비접촉구동방식의 CORNER ROLLER CONVEYOR입니다.

반송롤라의 베어링을 성형품을 적용한 1구동 Type가 표준입니다. Option으로서 Corner Block을 사용하여, 반송물의 밀면형상이 곡면이라도 부드럽게 반송이 가능한 Block Type과 입구와 출구의 반송속도 차이를 줄 수 있는 2구동 Type이 있습니다.

## TGC18



|         |              |                    |          |             |
|---------|--------------|--------------------|----------|-------------|
| Roller  | Roller Pitch | Roller폭            | Frame    | Motor 출력    |
| 수지 ø 18 | 20           | 200, 300, 400, 500 | AL 115mm | 25W(1대, 2대) |

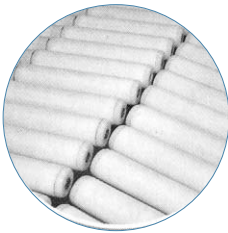
|      |                             |
|------|-----------------------------|
| 이송속도 | 감속비 1/50, 60Hz 인경우 2.4M/min |
|------|-----------------------------|

|                  |              |      |                                                  |                           |   |   |   |   |   |  |
|------------------|--------------|------|--------------------------------------------------|---------------------------|---|---|---|---|---|--|
| 주<br>문<br>사<br>양 | <b>TGC18</b> | 주문번호 | TGC18 - 1 03 - 300 - 1D - R - K-9                |                           |   |   |   |   |   |  |
|                  |              |      | ①                                                | ②                         | ③ | ④ | ⑤ | ⑥ | ⑦ |  |
|                  | ①            | :    | 기증명                                              |                           |   |   |   |   |   |  |
|                  | ②            | :    | 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상)     |                           |   |   |   |   |   |  |
|                  | ③            | :    | Motor출력 03: 25W                                  |                           |   |   |   |   |   |  |
|                  | ④            | :    | Roller폭( mm)                                     |                           |   |   |   |   |   |  |
|                  | ⑤            | :    | TYPE 1D: 1구동 2D: 2구동, 1DB, 2DB (B는 Block Option) |                           |   |   |   |   |   |  |
|                  | ⑥            | :    | 회전방향 L: 반시계방향 R: 시계방향                            |                           |   |   |   |   |   |  |
|                  |              | ⑦    | :                                                | 속도기호 K: 정속-감속비 U: 가변속-감속비 |   |   |   |   |   |  |

TGA20  
ALIGNMENT(정렬) CONVEYOR

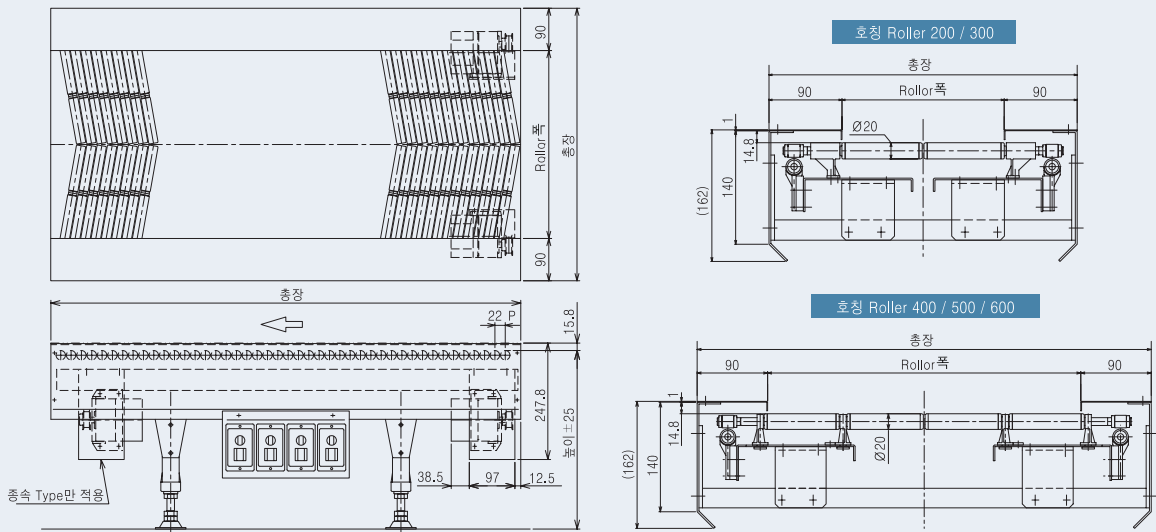
복수로 흘러져 반송되는 반송물을 분리시키고 CONVEYOR  
중앙으로 자동정렬시킵니다.

Guide불필요, Conveyor중앙으로 자동정렬.  
롤러는 식품위생법에 적합한 수지를 사용, 생식품의 반송이 가능,  
Frame은 STEEL사양(AL다리, 방수Motor)와 SUS사양(SUS다리,  
IP54상당Motor)의 2Type.  
중속Type(모타x4)도 있습니다.  
분리가 가능하므로, 보다 확실히 정렬이 가능합니다.



ALIGNMENT용 롤러  
롤러를 경사지게하여 반송물을 정렬합니다.

TGA20



| Roller  | Roller Pitch | Roller폭                 | Frame                   | Motor 출력    |
|---------|--------------|-------------------------|-------------------------|-------------|
| 수지 Ø 20 | 22           | 200, 300, 400, 500, 600 | STEEL 161mm / SUS 161mm | 4W × 2대(4대) |

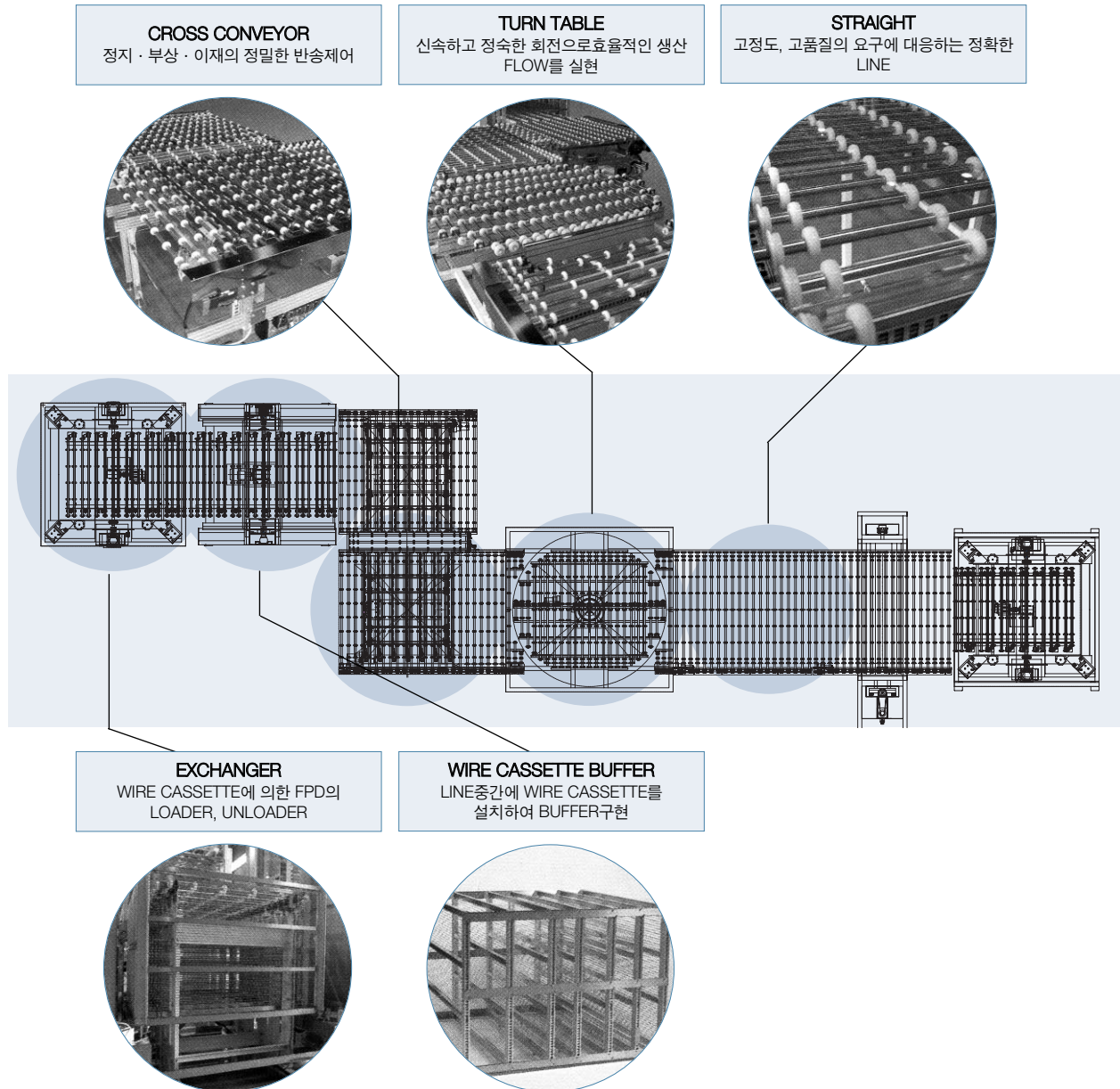
| 주<br>문<br>사<br>양 | TGA20 | 주문번호 | TGA20 - 3 04 - × 4 - 300 - 200 - DC-3                 |   |   |   |   |   |   |
|------------------|-------|------|-------------------------------------------------------|---|---|---|---|---|---|
|                  |       |      | ①                                                     | ② | ③ | ④ | ⑤ | ⑥ | ⑦ |
|                  |       | ①    | : 기종명                                                 |   |   |   |   |   |   |
|                  |       | ②    | : 전원 1: AC110V(단상) 3: AC220V(삼상)                      |   |   |   |   |   |   |
|                  |       | ③    | : Motor출력 04: 40W                                     |   |   |   |   |   |   |
|                  |       | ④    | : Motor수량 × 2: 2ea(표준) × 4: 4ea(중속)                   |   |   |   |   |   |   |
|                  |       | ⑤    | : Roller폭(mm)                                         |   |   |   |   |   |   |
|                  |       | ⑥    | : 총장(cm)                                              |   |   |   |   |   |   |
|                  |       | ⑦    | : 속도기호 DC-3: 3.6~71.6 DC-5: 2.1~43.0 DC-7.5: 1.4~28.7 |   |   |   |   |   |   |

※총장 2M인것은 실제길이 15mm 작습니다. 또한 표준총장 이외에도 3M까지 가능합니다.  
※반송질량 : 5kg/m

## 응용SYSTEM

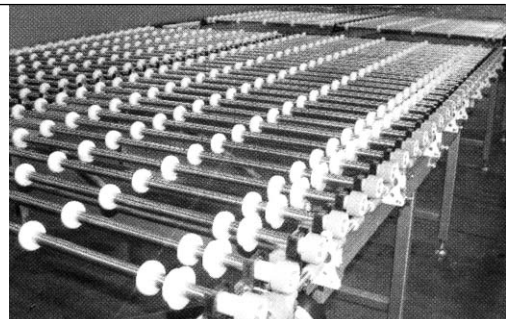
■비접촉MAGNET DRIVE 방식이 실현하는,  
CLEAN 반송 SYSTEM

LESSVEYOR는 표준품만이 아니라 FPD반송의 SYSTEM제품에도 대응하고 있습니다.



### 제 7세대 FPD에 대응

MAGNET DRIVE가 실현해주는 SUPER CLEAN SYSTEM은 제 7세대의 GLASS반송에 대해서도 대응되고 있습니다. 차세대 제품에도 대응이 되도록 연구개발하여 고객의 요망에 부응하고 있습니다.





ALIGNMENT

GLASS를 다음공정에의 공급전에 위치결정을 위한 장치



장치에 PUSHER를 설치,  
PUSHER가 후진상태로 대기.



GLASS가 도착하면 PUSHER들이 동시에 전진하여  
CENTERING 실시

PIN UP

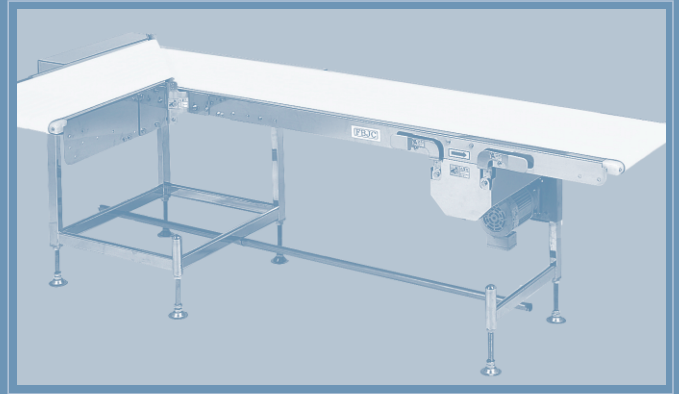
ROBOT으로의 LO / UNLOADING시 사용합니다.



PIN이 하강상태로 대기,  
GLASS가 닿는 PIN의 선단은  
수직으로 되어있습니다.



GLASS가판이 도착하면 PIN이 상승하여 GLASS전  
체를 상승시킵니다.



## FOODVEYOR SERIES

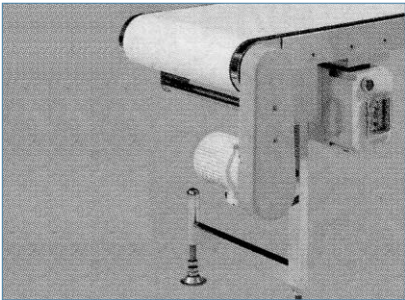
FOODVEYOR : 식품용으로 적용가능한 CLEAN환경에 적합하도록 제작되는 CONVEYOR를 뜻합니다.

- 112 \ HEAD DRIVE BELT CONVEYOR TTBH
- 113 \ FOOD BELT JUNCTION TFBJ
- 114 \ JOINT CORNER CONVEYOR TFBJC
- 115 \ PLASTIC MODULE BELT CONVEYOR TFPS1
- 116 \ CURVE BELT CONVEYOR TFFBC3
- 117 \ SHUTTLE CONVEYOR TFSHT



TTBH  
HEAD DRIVE BELT CONVEYOR

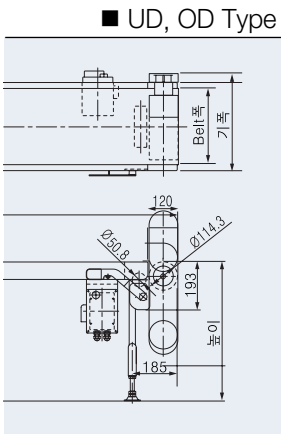
구동부의 Auto Tention기구를 Lever로 해제하는 것만으로 Belt교환이 가능한 Head Drive Conveyor입니다. Auto Tention장치로서 이제까지 대책이 곤란했던 Belt의 수축문제를 해결하였습니다. 일반위생관리의 중요성에 따라서 종래보다 개선하여 이물질이 쌓이지 않게 세정이 쉬운 구조로 설계되었습니다.



■ MP Type



■ UD Type



| Tail Foller | Drive Pulley | Belt 폭(mm) | Conveyor총장(cm) | Frame  | Belt              |
|-------------|--------------|------------|----------------|--------|-------------------|
| φ 34        | φ 114.3      | 150-600    | 80-600         | SUS304 | 항균\곰팡이 방지용 백색Belt |

| TTBH                        |             |
|-----------------------------|-------------|
| 속도 및 속도기호                   |             |
| I UD, OD Type I Inverter 변속 |             |
| 속도기호                        | 15Hz ~ 60Hz |
| IV - 15                     | 8.2 ~ 32.8  |
| IV - 20                     | 6.2 ~ 24.6  |
| IV - 25                     | 4.9 ~ 19.7  |
| IV - 30                     | 4.1 ~ 16.4  |
| IV - 40                     | 3.1 ~ 12.3  |
| IV - 50                     | 2.5 ~ 9.8   |
| IV - 60                     | 2.1 ~ 8.2   |

| I MP Type I Inverter 변속 |             |
|-------------------------|-------------|
| 속도기호                    | 15Hz ~ 60Hz |
| IV - 30                 | 9.1 ~ 36.2  |
| IV - 25                 | 7.5 ~ 29.9  |
| IV - 20                 | 6.0 ~ 23.8  |
| IV - 17                 | 5.1 ~ 20.4  |

| 주문<br>사<br>양 | TTBH | 주문번호 | TTBH - MP - 3 10 - 300 - 300 - L - KP-30                  |   |   |   |   |   |   |   |
|--------------|------|------|-----------------------------------------------------------|---|---|---|---|---|---|---|
|              |      |      | ①                                                         | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
|              |      | ①    | : 기종명                                                     |   |   |   |   |   |   |   |
|              |      | ②    | : 구동 Type MP : Motor Pulley UD : Motor하부 OD : Motor상부     |   |   |   |   |   |   |   |
|              |      | ③    | : 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상)            |   |   |   |   |   |   |   |
|              |      | ④    | : Motor출력 10 : 110W                                       |   |   |   |   |   |   |   |
|              |      | ⑤    | : Belt 폭(mm) 150, 200, 250, 300, 350, 400, 450, 500, 600, |   |   |   |   |   |   |   |
|              |      | ⑥    | : 총장(cm)                                                  |   |   |   |   |   |   |   |
|              |      | ⑦    | : 다리취부방향 R : 전진방향을 향하여 오른쪽취부 L : 왼쪽취부                     |   |   |   |   |   |   |   |
|              |      | ⑧    | : 속도기호                                                    |   |   |   |   |   |   |   |

## TFBJ

### FOOD BELT JUNCTION



HACCP대응용으로 식품반송 Belt콘베어의 다양한 연결이 가능합니다. 반송물의 분리정렬, 합류, 분기장치로서 L형, Z형, U형등 LINE형태를 쉽게 구성할 수 있습니다.

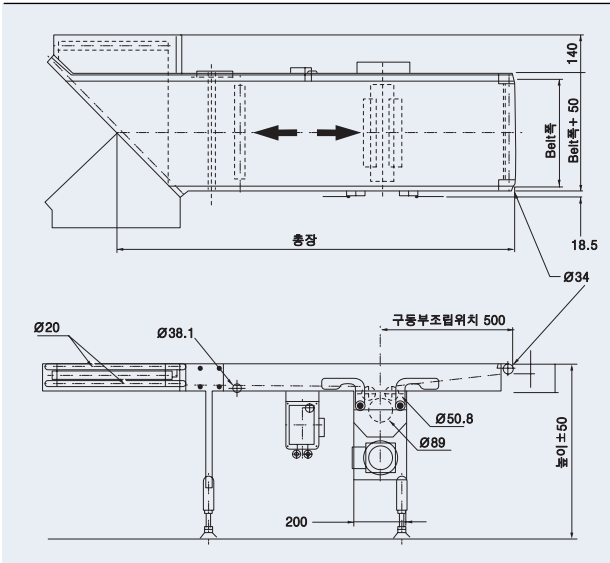
#### 세정성

Belt탈착을 간단히 할 수 있어 세정이 쉽고 본체 재질을 SUS로 부품은 수지 및 SUS로 하여 세정성이 우수합니다.

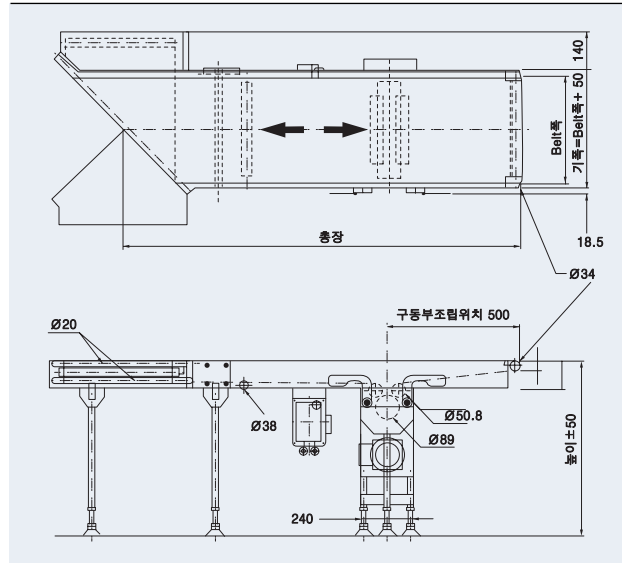
#### 기능 : Maintenance

- Belt의 신축에 대응되도록 Auto Tention 장치부착
- SIMPLE, 성ENERGY, 적은 SPACE 설계
- 이송부를 R10으로서 작은 반송물도 대응
- Tail Roller부가 은폐된 안전한 설계

폭 : 200, 300, 400



폭 : 500



#### TFBJ

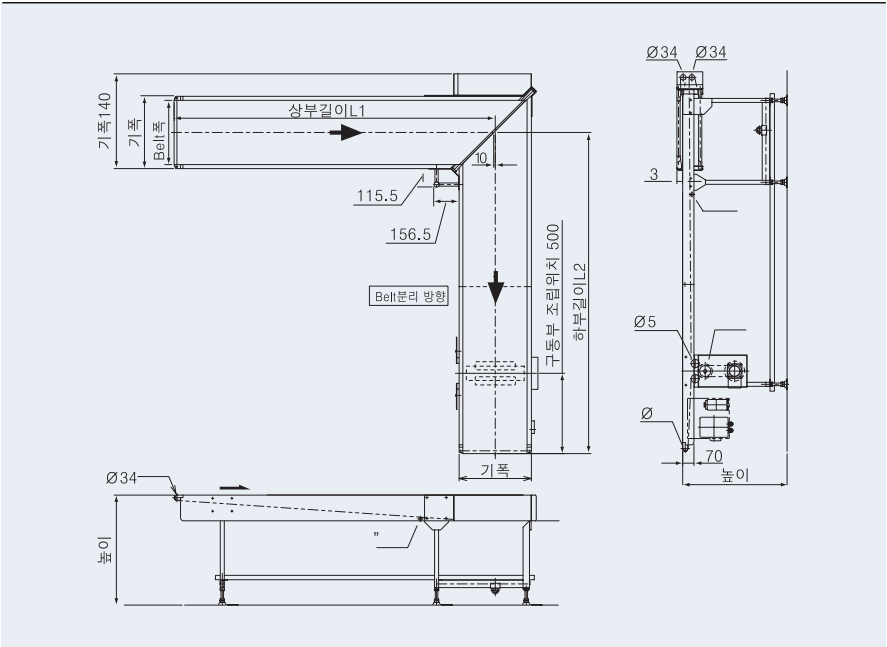
#### 사양표

|        |                          |
|--------|--------------------------|
| Belt 폭 | 200, 300, 400, 500       |
| Motor  | 0.1kw, 0.2kw(방수 IP55상당품) |
| Belt종류 | 백색 폴리우레탄                 |
| 총 장    | ~200cm                   |

| 주문<br>사<br>양 | TFBJ | 주문번호 | TFBJ - 1 - B 3 - 20 - 300 - 150                |
|--------------|------|------|------------------------------------------------|
|              |      |      | ① ② ③ ④ ⑤ ⑥ ⑦                                  |
|              |      | ①    | : 기종명                                          |
|              |      | ②    | : Ø 34몰라취부위치 1: 출구 2: 입구                       |
|              |      | ③    | : 형상 45° 부 우측시의 각도 A: 45° B: 135°              |
|              |      | ④    | : 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상) |
|              |      | ⑤    | : Motor출력 10: 100W 20: 200W                    |
|              |      | ⑥    | : Belt 폭(mm)                                   |
|              |      | ⑦    | : 총장(cm)                                       |

TFBJC  
FOOD BELT JOINT CORNER CONVEYOR

위생적인 재질, 소재, 세정성, Maintenance가 우수, 복잡한 구조이면서도 Belt 교환도 가능  
1개의 Belt, 1개의 Motor로 90° 코너반송이 가능. 길이 2M × 2M까지 설정이 가능하므로 종래 2~3대가 필요했던 코너 Lay-out을 1대로 구현



TFBJC

사양표

|        |                          |
|--------|--------------------------|
| Belt 폭 | 200, 300, 400            |
| Motor  | 0.1kw, 0.2kw(방수 IP55상당품) |
| Belt종류 | 항균, 곰팡이방지용 백색우레판         |
| 총 장    | SUS304                   |

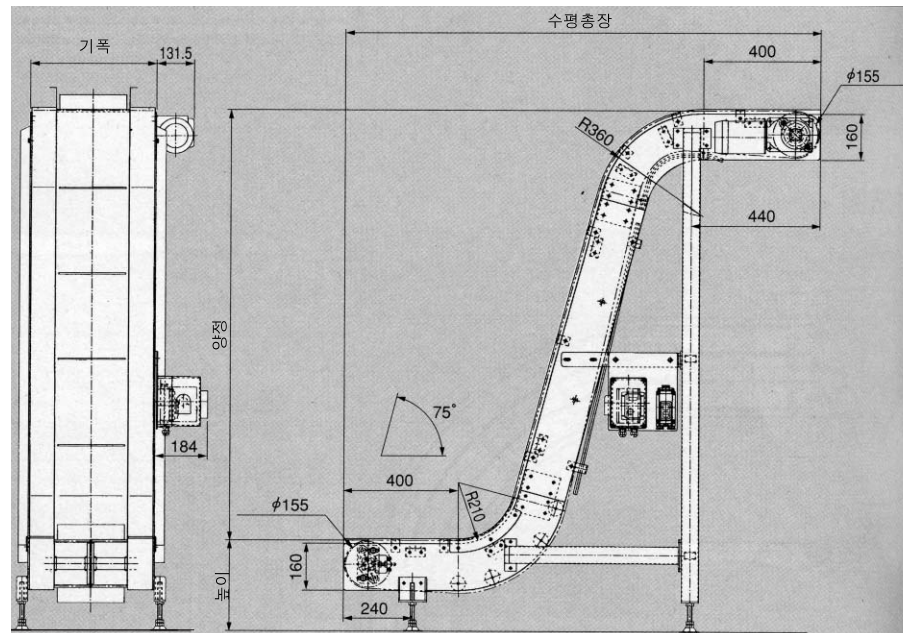
| 주 문 사 양 | TFBJC | 주문번호 | TFBJC - 3 20 - 300 - 170 - R - IV-17           |   |   |   |   |   |   |
|---------|-------|------|------------------------------------------------|---|---|---|---|---|---|
|         |       |      | ①                                              | ② | ③ | ④ | ⑤ | ⑥ | ⑦ |
|         |       | ①    | : 기종명                                          |   |   |   |   |   |   |
|         |       | ②    | : 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상) |   |   |   |   |   |   |
|         |       | ③    | : Motor출력 10: 100W 20: 200W                    |   |   |   |   |   |   |
|         |       | ④    | : BELT폭( mm)                                   |   |   |   |   |   |   |
|         |       | ⑤    | : 총장( cm) L1 + L2                              |   |   |   |   |   |   |
|         |       | ⑥    | : BELT 진행방향 L: 반시계방향 R: 시계방향                   |   |   |   |   |   |   |
|         |       | ⑦    | : 속도기호                                         |   |   |   |   |   |   |



## TFPS1

### PLASTIC MODULE BELT CONVEYOR

이송각도 75°의 칸막이부착 TPYE입니다. 칸막이의 높이가 50.8mm에 Pitch 152.4mm가 표준입니다. 높이가 25.4mm도 가능하며 Pitch 50.8mm로 증설이 가능합니다.



## TFPS1

### 사양표

|        |               |
|--------|---------------|
| Belt 폭 | 300, 400, 500 |
| Motor  | 0.2kw         |
| Belt종류 | 포리플로필렌        |
| 총 장    | SUS304        |

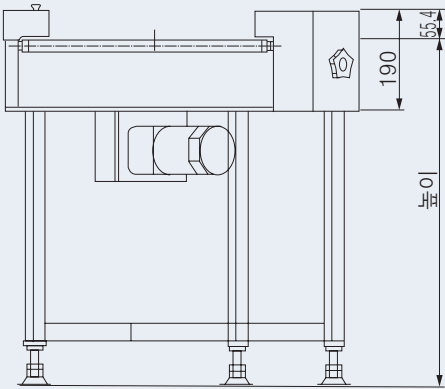
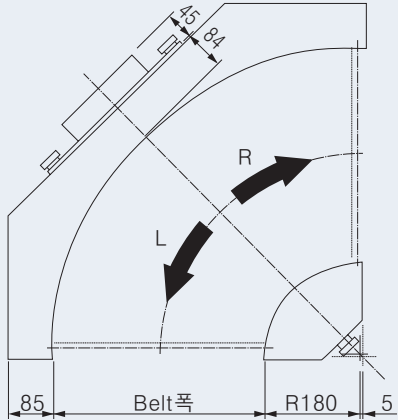
| 주<br>문<br>사<br>양 | TFPS1 | 주문번호 | TFPS1 - 3 20 - 400 - 100 - K-40 |   |   |   |   |   |
|------------------|-------|------|---------------------------------|---|---|---|---|---|
|                  |       |      | ①                               | ② | ③ | ④ | ⑤ | ⑥ |
|                  |       | ①    | : 기종명                           |   |   |   |   |   |
|                  |       | ②    | : 전원 3 : AC220V(삼상)             |   |   |   |   |   |
|                  |       | ③    | : 모터출력 20 : 200W                |   |   |   |   |   |
|                  |       | ④    | : BELT폭(mm)                     |   |   |   |   |   |
|                  |       | ⑤    | : 양정(cm)                        |   |   |   |   |   |
|                  |       | ⑥    | : 속도기호                          |   |   |   |   |   |

TFFBC3  
CURVE BELT CONVEYOR

BELT를 간단히 탈착이 가능하며 콘베어 본체도 세정이 가능합니다. 벨트를 분리후 Table도 손쉽게 세정이 가능합니다. 수분이 있는 반송물도 문제없이 반송이 가능합니다.



TFFBC3



TFFBC3

사양표

|        |                    |
|--------|--------------------|
| Belt 폭 | 300, 400, 500, 600 |
| Motor  | 900W (IP65)        |
| Belt종류 | 폴리우레탄              |
| 총 장    | SUS304             |

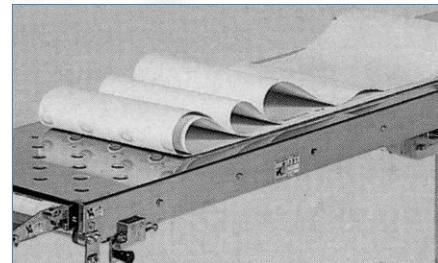
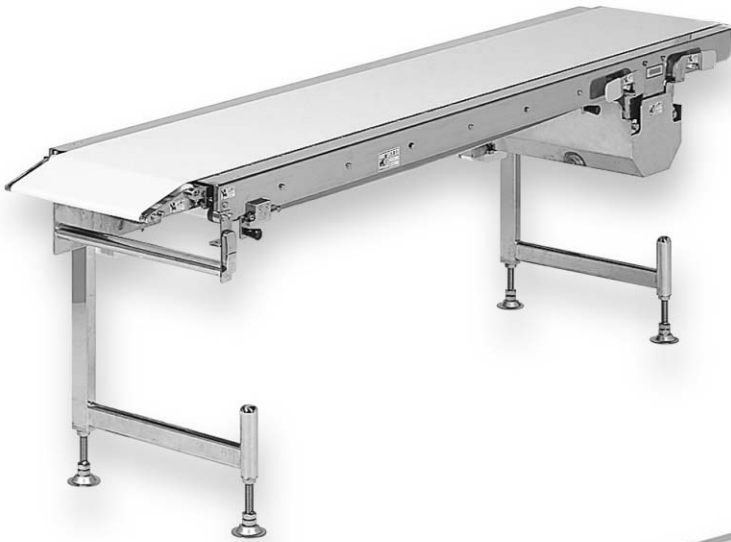
| 주문<br>사<br>양 | TFFBC3 | 주문번호 | TFFBC3 - UD - 3 - 09 - 300 - 90° - L - K-20    |   |   |   |   |   |   |   |
|--------------|--------|------|------------------------------------------------|---|---|---|---|---|---|---|
|              |        |      | ①                                              | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
|              |        | ①    | : 기종명                                          |   |   |   |   |   |   |   |
|              |        | ②    | : 원동 Type                                      |   |   |   |   |   |   |   |
|              |        | ③    | : 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상) |   |   |   |   |   |   |   |
|              |        | ④    | : Motor출력 09: 90W                              |   |   |   |   |   |   |   |
|              |        | ⑤    | : Belt 폭(mm)                                   |   |   |   |   |   |   |   |
|              |        | ⑥    | : 각도 90° 60° 45°                               |   |   |   |   |   |   |   |
|              |        | ⑦    | : 회전방향 R: 시계방향 L: 반시계방향                        |   |   |   |   |   |   |   |
|              |        | ⑧    | : 속도기호                                         |   |   |   |   |   |   |   |

## TFSHT

### SHUTTLE CONVEYOR

길이를 자유롭게 신축가능한 식품용 콘베어.  
Line변경을 자유자재

SUS로 제작되어 식품용으로 적용가능  
BELT 착탈이 간단, 세정이 용이  
항균 방축 BELT적용  
방수사양의 Motor  
AUTO-TENTION장치 부착  
사용조건에 따라서 BELT수축가능  
선단 롤러 ø 13으로 부드러운 이송  
신축 속도를 고기능화  
다양한 용도로의 적용



#### TFSHT

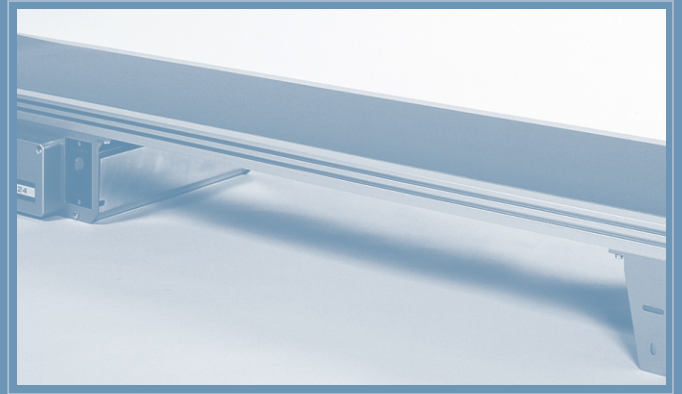
##### 사양표

|        |                         |
|--------|-------------------------|
| Belt 폭 | 120, 200, 300           |
| Motor  | 90W 고성능인버터 Motor (IP65) |
| Belt종류 | 항균사양 폴리우레탄              |
| 총 장    | SUS304                  |

| 주요<br>사<br>양 | TFSHT | 주문번호                                                              | TFSHT - 80B - 3    09 - 300 - 200 - L - DC-15 |   |   |   |   |   |   |   |
|--------------|-------|-------------------------------------------------------------------|-----------------------------------------------|---|---|---|---|---|---|---|
|              |       |                                                                   | ①                                             | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
|              |       | ① : 기종명                                                           |                                               |   |   |   |   |   |   |   |
|              |       | ② : 신축 STROKE(cm)    F : full stroke    S : standard    B : basic |                                               |   |   |   |   |   |   |   |
|              |       | ③ : 전원    3 : AC220V(삼상)                                          |                                               |   |   |   |   |   |   |   |
|              |       | ④ : Motor출력    09 : 90W                                           |                                               |   |   |   |   |   |   |   |
|              |       | ⑤ : Belt 폭(mm)                                                    |                                               |   |   |   |   |   |   |   |
|              |       | ⑥ : 수축시의 길이 (cm)                                                  |                                               |   |   |   |   |   |   |   |
|              |       | ⑦ : 다리취부방향    R : 진행방향으로 향했을때 우측취부    L : 좌측                      |                                               |   |   |   |   |   |   |   |
|              |       | ⑧ : 속도기호                                                          |                                               |   |   |   |   |   |   |   |



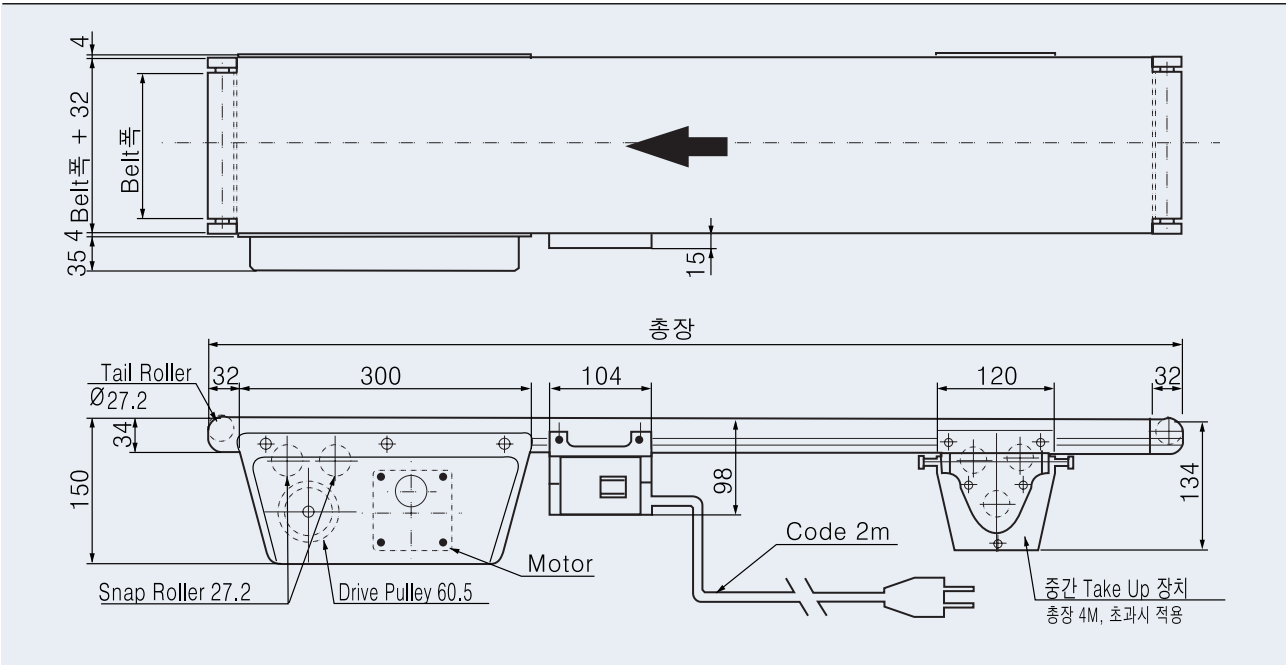
MEMO



## MINI BELT CONVEYOR

\ MINI BELT CONVEYOR TMMX2

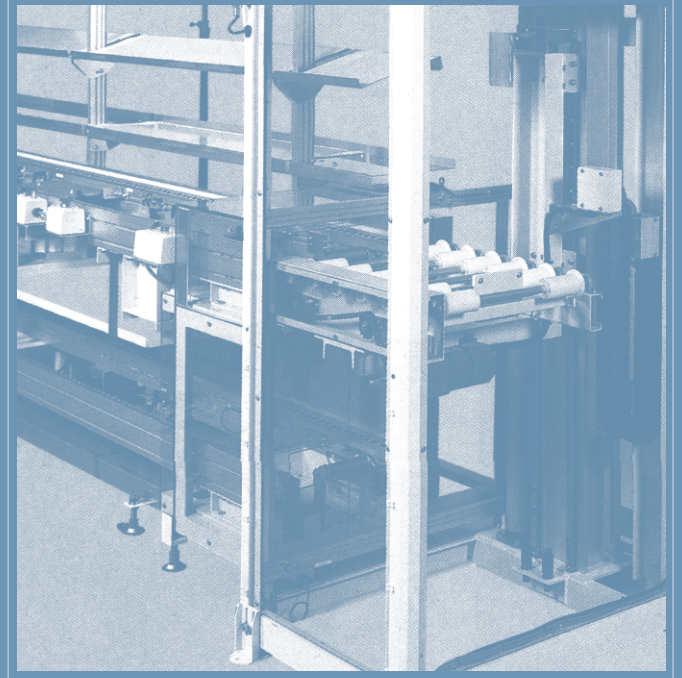
TMMX2  
MINI BELT CONVEYOR



|             |            |                |         |      |
|-------------|------------|----------------|---------|------|
| Tail Roller | Belt 폭(mm) | Conveyor총장(cm) | Frame   | Belt |
| ø 27.2      | 50~500     | 100~300        | AL 34mm | 수지   |

|      |                             |
|------|-----------------------------|
| 이송속도 | 감속비 1/50, 60Hz 인경우 6.8M/min |
|------|-----------------------------|

|      |       |                                                         |                                   |   |   |   |   |   |
|------|-------|---------------------------------------------------------|-----------------------------------|---|---|---|---|---|
| 적용규격 | TMMX2 | 주문번호                                                    | TMMX2 - 1 - 03 - 200 - 200 - U-25 |   |   |   |   |   |
|      |       |                                                         | ①                                 | ② | ③ | ④ | ⑤ | ⑥ |
|      |       | ① : 기종명                                                 |                                   |   |   |   |   |   |
|      |       | ② : 전원 1: AC110V(단상) 2: AC220V(단상) 3: AC220V(삼상)        |                                   |   |   |   |   |   |
|      |       | ③ : Motor출력 03 : 25W 04 : 40W 06 : 60W                  |                                   |   |   |   |   |   |
|      |       | ④ : BELT폭(mm) 50, 75, 100, 150, 200, 250, 300, 400, 500 |                                   |   |   |   |   |   |
|      |       | ⑤ : 총장(cm)                                              |                                   |   |   |   |   |   |
|      |       | ⑥ : 속도기호 K: 정속-감속비 U: 가변속-감속비                           |                                   |   |   |   |   |   |

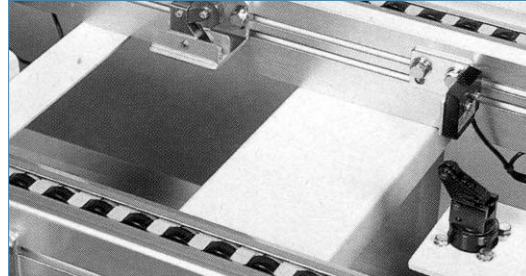
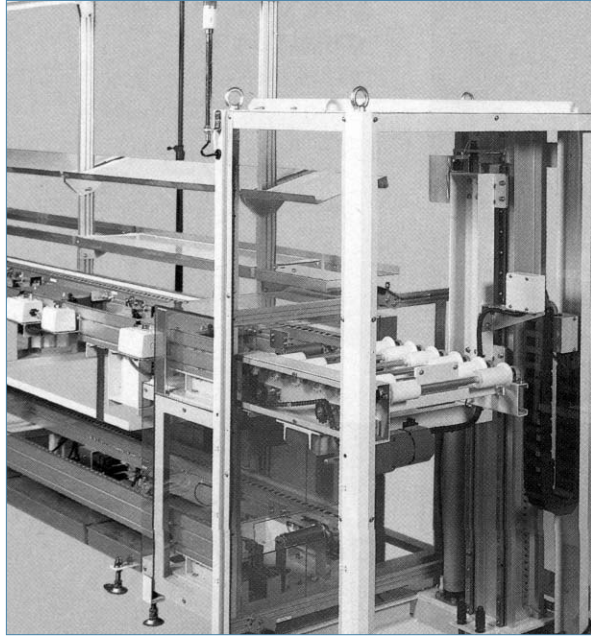


**FREE FLOW CONVEYOR**

## FREE FLOW CONVEYOR

■ 중간 STATION에서 자동기계등을 설치하여 생산LINE을 구성합니다.

■ LIFT에 의하여 상단에서 생산하고 하단에서 대기하므로 공간을 절약한다.



■ 위치결정 STOPPER

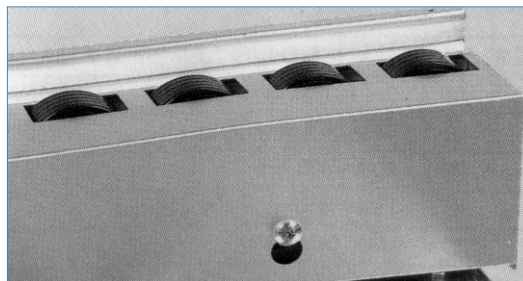


■ 부상 회전장치

### FREE FLOW UNIT



■ TPFR-50U

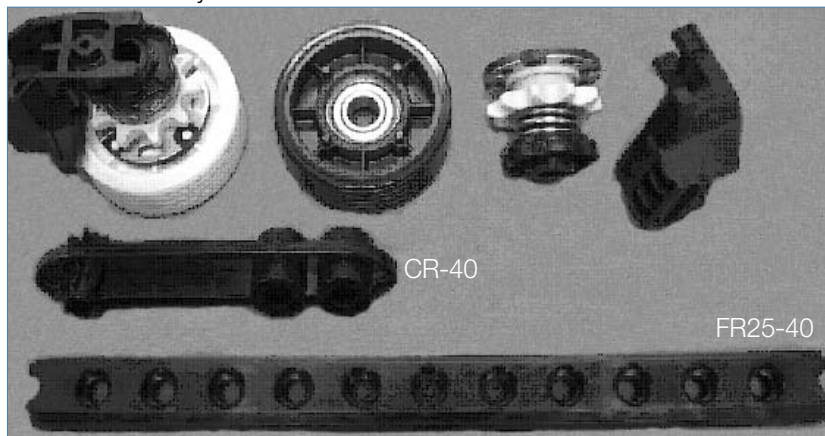


■ TPFT

### FREE FLOW PART

Free Roller Ass'y

FFR70-6201 | TAJ-4012 | FRB-40





# OPTION



• Work Station과 각종 Option

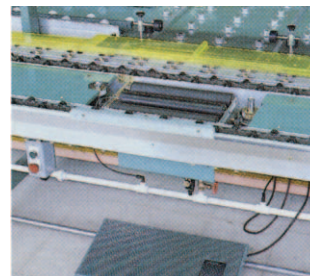
Work Station의 Stopper장치, 회전장치, 위치 결정장치, 진동장치, AGING장치, Sub Line 등의 이재장치등 풍부한 Item을 제공합니다.



• 위치결정장치



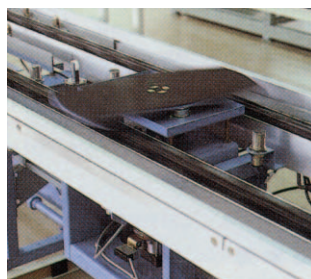
• AGING부착 Sub Line



• Work Station과 이재장치



• Sub Line 및 이재장치



• 회전장치



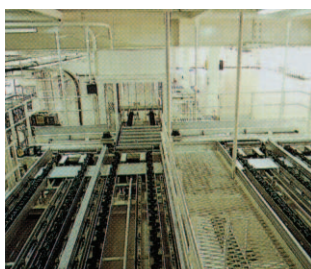
• 방음검사실



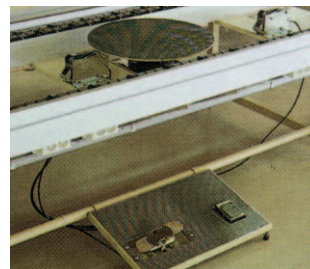
• 통로확보장치



• 상승Lift 조정Line



• Traverse형 이재장치



• Lift up 장치



• AGING Line