

Global
LOGIFORM Group



LOGIFORM[®]

*The most
efficient
Lean-Manufacturing
Solution*



HBL HBL inc.
한보일렉트(주)



HBL INC. 031-8053-2510 Printed in April 2012

LOGIFORM WILL PROMPTLY MAKE YOU CARRY OUT
YOUR IDEAS AND SHOW YOU ITS EFFECTS AT
ONCE.

LOGIFORM will make operators carry out their ideas in their creating
activities, and will provide you with the products which have very
particular qualities and systems which make it easy to complete
a diverse of structure bodies by using the **LOGIFORM** pipes
coated with Plastic Resin and plenty sorts of Joints

HBL HBL inc.
한보일렉트(주)

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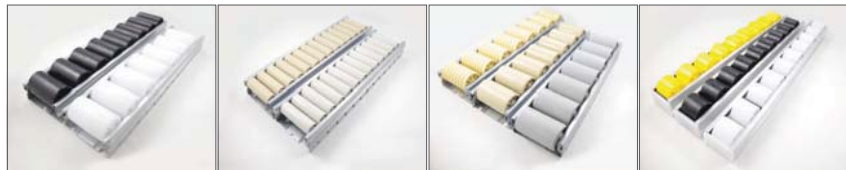
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LOGIFORM

will help you actualize your ideas promptly
and let you be aware of its effects shortly.



HBL INC. HISTORY (한보일렉트(주) 연혁)

| | | |
|------|------|---|
| JUL. | 2011 | Established Vietnam Subsidiary, LOGIFORM Co.,Ltd |
| JUN. | 2011 | Acquired an 'Expert supplier in parts and materials' recognition by Ministry of Knowledge Economy |
| SEP. | 2010 | Expanded production line to the additional new Factory |
| JAN. | 2009 | Relocated Headquarter & Main production Line to the newly expanded Factory |
| DEC. | 2008 | Awarded "The Five Million dollar export tower prize |
| DEC. | 2007 | Designated as The Company of "Innovation Business Company" From Gyeonggi-Do |
| NOV. | 2007 | Awarded "The Three Million dollar export tower prize by KITA and A Ministry of Commerce |
| NOV. | 2006 | Established R & D Center |
| JUL. | 2006 | Registered The Characteristic Brand of Company as <LOGIFORM> |
| NOV. | 2005 | Awarded "The One Million dollar export tower prize by KITA |
| JUN. | 2004 | Certified ISO 9001 : 2000 |
| MAY. | 2004 | Changed Articles of Association (HBL INC in English) |
| MAY. | 2004 | Established Slovakia Subsidiary, HBLOGIS, sro |
| MAR. | 2002 | Incorporate a firm |
| SEP. | 1997 | Established Han-Bo Erector Co., Ltd |



HBL INC. CERTIFICATIONS (한보일렉트(주) 인증현황)

| | | |
|------|------|--|
| MAY. | 2011 | Certified ISO 9001 : 2008 |
| MAY. | 2011 | Certified ISO 14001 : 2004 |
| DEC. | 2008 | Awarded "The Five Million dollar export tower prize |
| JUN. | 2008 | Authentication of Merit "An Export Promising Enterprise" |
| DEC. | 2007 | Designated "Innovation Business Company" |
| MAY. | 2007 | Designated "Venture business confirmation" |
| JAN. | 2007 | Registered Patent "The Roller Unit" |
| DEC. | 2006 | Designated "INNO-BIZ" |
| NOV. | 2006 | Certificated "R & D Center" |
| SEP. | 2006 | Registered Patent "Water Bottle Rack" |
| JUN. | 2004 | Registered Patent "Folding Cart" |
| JUN. | 2004 | Certified ISO 9001 : 2000 |
| MAY. | 2004 | Registered Patent "Tool Hanger" |
| MAY. | 2004 | Registered Patent "Adjusting Trolley of High & Low" |
| JUN. | 2000 | Registered Patent "Keeping Rack of FIFO Chip" |





1. What is LOGIFORM ?

LOGIFORM WILL PROMPTLY MAKE YOU CARRY OUT YOUR IDEAS AND SHOW YOU ITS EFFECTS AT ONCE.

LOGIFORM will make operators carry out their ideas in their creating activities, and will provide you with the products which have very particular qualities and systems which make it easy to complete a diverse of structure bodies by using the LOGIFORM PIPES coated with Plastic Resin and plenty sorts of Joints



- Simple assembly and easy production without special skills.
- Durable cleanliness due to coating with plastic resin.
- Simple and easy modification.
- Easy handling of the assembled structure due to its lightness.
- Unnecessary to equip special facilities for manufacturing.
- High safety and simple fitting to work site due to being unnecessary for welding
- Continuous improvement activities are possible.

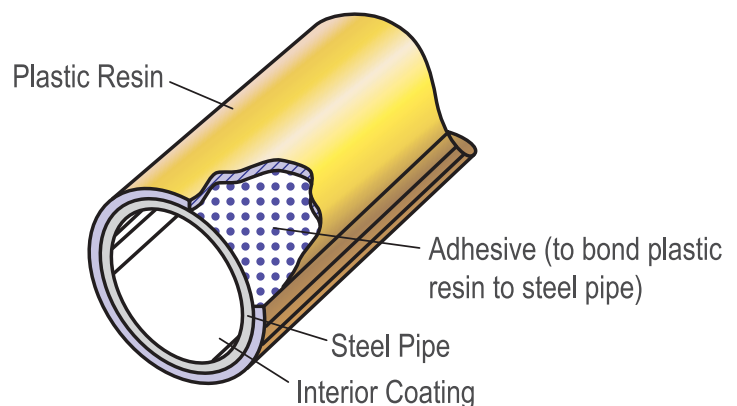


로지폼은 자신의 생각을 즉시 실현하고 그 효과를 바로 확인할 수 있습니다!!

로지폼은 아이디어에서 제작까지의 창조 활동을 실현합니다. 표면을 플라스틱으로 피복한 로지폼 파이프와 풍부한 종류의 조인트에 의하여 다양한 구조체를 손쉽게 제작할 수 있는 특성과 시스템을 갖춘 제품입니다.



- 조립이 간단하여 특별한 기술이 없어도 제작이 가능합니다.
- 표면이 수지로 코팅 처리되어 청결함이 오래 유지됩니다.
- 제작에 실패하여도 수정이 간단합니다.
- 경량 자재이므로 제작 및 제작물의 핸드링이 용이합니다.
- 제작을 위한 설비가 필요 없습니다.
- 용접할 필요가 없어 안전하며, 현장 맞춤이 간단합니다.
- 지속적인 개선 활동을 추진할 수 있습니다.





LOGIFORM PIPE is steel pipe with a plastic resin coated outer surface. An adhesive bonds the resin to the pipe preventing separation. The inner surface is treated with a non-corrosive coating.

LOGIFORM PIPE는 표면에 플라스틱수지를 입힌 강철파이프 입니다. 코팅의 박리방지를 위하여 플라스틱수지와 파이프 접촉면 사이에 접착제 처리를 하였습니다. 그래서 튼튼하고 가벼우며 특히 파이프 내면에 방청도장 처리를 하여 녹슬지 않으며 청결함을 오래 유지할 수 있습니다.

LOGIFORM PIPE (STANDARD PIPE)



- Various colors
- Low cost
- Easy to cut
- Painted on its inner surface

- 다양한 색상 선택이 가능함
- 저렴한 비용
- 절단 및 가공성이 좋음
- 파이프 내부 방청도장처리됨

※ Avoid using the LOGIFORM Pipes near around solvents or oils

ANTISTATIC COLOR PIPE / CONDUCTIVE PIPE ⚡

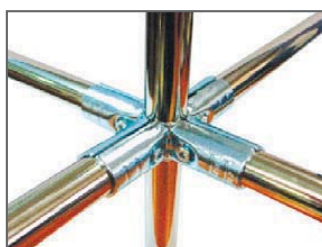


- Antistatic Color Pipe
- Surface Resistance (표면저항) : $10^8\Omega \sim 10^{11}\Omega$
- Colors : Gray / Ivory

- Conductive Pipe
- Surface Resistance (표면저항) : $10^3\Omega \sim 10^6\Omega$
- Color : Black

※ Avoid using the LOGIFORM Pipes near around solvents or oils

STAINLESS PIPE ⚡



- High strength and Durability
- Dust is not apt to
- High surface resistant to scuffing
- Conductive
- High resistant to oil and chemicals

- 고강도이며 가볍고 녹슬지 않음
- 고광택이며 먼지가 잘 타지 않음
- 피복이 없어 벗겨질 우려 없음
- 파이프에 정전기가 발생하지 않음
- 내약품성 내식성임

LOGIFORM PIPE STANDARD COLORS

| | | | STANDARD LENGTH 4M | | | | | | | M.O.Q |
|---|------------|---|---|----------|----------|----------|----------|---------------------|------------|--|
| | | | LOGIFORM PIPE /D-COATED PIPE / ANTISTATIC PIPE(⚡) | | | | | POWDER PAINTED PIPE | SLIDE PIPE | |
| | | | COLOR CODE | ø28X0.7t | ø28X1.0t | ø28X1.4t | ø28X2.0t | ø28X0.8t | ø28X1.0t | |
| PIPE COLOR | WHITE |  | WH | ● | ● | ● | ● | ● | ● | — |
| | IVORY |  | IV | ● | ● | ● | ● | ● | ● | — |
| | GRAY |  | GR | ● | ● | ● | ● | ● | ● | — |
| | DEEP GRAY |  | EG | ● | ● | ● | ● | ● | | 500 pcs |
| | DARK GRAY |  | DG | ● | ● | ● | ● | ● | | 500 pcs |
| | SKY BLUE |  | SB | ● | ● | ● | ● | ● | | 500 pcs |
| | BLUE |  | BL | ● | ● | ● | ● | ● | | — |
| | DARK BLUE |  | DB | ● | ● | ● | ● | ● | | 500 pcs |
| | GREEN |  | GN | ● | ● | ● | ● | ● | | — |
| | DARK GREEN |  | DN | ● | ● | ● | ● | ● | | 500 pcs |
| | YELLOW |  | YL | ● | ● | ● | ● | ● | | 500 pcs |
| | GOLD |  | GD | ● | ● | ● | ● | ● | | 500 pcs |
| | ORANGE |  | OR | ● | ● | ● | ● | ● | | 500 pcs |
| | BROWN |  | BR | ● | ● | ● | ● | ● | | 500 pcs |
| | PINK |  | PK | ● | ● | ● | ● | ● | | 500 pcs |
| | RED |  | RD | ● | ● | ● | ● | ● | | 500 pcs |
| | BLACK |  | BK | ● | ● | ● | ● | ● | | 500 pcs |
| | | | | | | | | | | |
| CONDUCTIVE | |  | BK | ● | ● | ● | ● | | | 500 pcs 10 ³ Ω~10 ⁶ Ω |
| BLACK ⚡ | | | | | | | | | | |
| Other colors available upon request – minimum buys may apply Colors indicated are approximate – actual color samples available upon request. | | | | | | | | | | |

*Avoid using the LOGIFORM Pipes at the place near solvent or oils

LOGIFORM PIPES

LOGIFORM PIPE



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|----------|
| LP-1070 | 0.7t | 505g/m |
| LP-1100 | 1t | 676g/m |
| LP-1140 | 1.4t | 923g/m |
| LP-1200 | 2t | 1,265g/m |

*EX)LP-1100IV

D-COATED PIPE



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|----------|
| DP-1070 | 0.7t | 505g/m |
| DP-1100 | 1t | 676g/m |
| DP-1140 | 1.4t | 923g/m |
| DP-1200 | 2t | 1,265g/m |

*EX)DP-1100IV

CONDUCTIVE PIPE



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|----------|
| CP-1070BK | 0.7t | 505g/m |
| CP-1100BK | 1t | 676g/m |
| CP-1140BK | 1.4t | 923g/m |
| CP-1200BK | 2t | 1,265g/m |

*EX)CP-1100BK

ANTISTATIC COLOR PIPE



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|--------|
| AP-1100IV | 1t | 676g/m |
| AP-1100GR | 1t | 676g/m |

*EX)AP-1100GR

SLIDE PIPE



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|----------|
| SL-1070 | 0.7t | 596g/m |
| SL-1100 | 1t | 767g/m |
| SL-1140 | 1.4t | 1,094g/m |
| SL-1200 | 2t | 1,356g/m |

*EX)SL-1100IV

STAINLESS PIPE



| PRODUCT CODE | THICKNESS (Stainless) | WEIGHT |
|--------------|-----------------------|--------|
| ST-1070 | 0.7t | 473g/m |
| ST-1110 | 1.1t | 734g/m |

*EX)ST-1070

ALUMINIUM PIPE



| PRODUCT CODE | THICKNESS (Aluminium) | WEIGHT |
|--------------|-----------------------|--------|
| AL-1150 | 1.5t | 380g/m |

POWDER PAINTED PIPE



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|--------|
| PD-1080 | 0.8t | 540g/m |

*EX)PD-1080BL

ESD POWDER PAINTED



| PRODUCT CODE | THICKNESS (Steel) | WEIGHT |
|--------------|-------------------|--------|
| PE-1080 | 0.8t | 540g/m |

LOGIFORM

METAL JOINTS COMPONENTS

SURFACE TREATMENT (표면처리)

| ITEM | COLOR | TREATMENT | MATERIAL |
|------|----------|----------------|----------------|
| BK | BLACK ■ | Black Coating | STEEL (SPCC-1) |
| SV | SILVER ■ | Plated CrO3 | |
| NI | NICKEL ■ | Nickel Plating | |

CODE NUMBERING (제품코드 기입예)

| | | |
|-----------------------|-----------|---|
| Product Code Examples | MJ-2101BK | METAL JOINT H-1 BLACK COATING (전착) |
| | MJ-2101SV | METAL JOINT H-1 Plated CrO3 (SILVER) (3가아연도금) |
| | MJ-2101NI | METAL JOINT H-1 Nickel Plating (니켈도금) |

BLACK / SILVER

H-1 (MJ-2101BK)



■240pcs/box ■72g/pcs

H-1B (MJ-2201BK)

(old) 구 H-1B (MJ-2101B)



■240pcs/box ■62g/pcs

H-2 (MJ-2102BK)



■150pcs/box ■96g/pcs

H-3 (MJ-2103BK)



■70pcs/box ■122g/pcs

H-4 (MJ-2104BK)



■180pcs/box ■112g/pcs

H-5 (MJ-2105BK)



■300pcs/box ■44g/pcs

H-6 (MJ-2106BK)



■300pcs/box ■54g/pcs

H-7 (MJ-2107BK)



■180pcs/box ■50g/pcs

H-7B (MJ-2207BK)



(old) 구 H-7B (MJ-2107B)

■180pcs/box ■40g/pcs

METAL JOINTS COMPONENTS

BLACK / SILVER

H-8 (MJ-2108SV)



■300pcs/box ■48g/pcs

H-9 (MJ-2109SV)



■100pcs/box ■140g/pcs

H-10 (MJ-2110SV)



■180pcs/box ■60g/pcs

H-11 (MJ-2111SV)



■240pcs/box ■54g/pcs

H-11B (MJ-2211SV)



■240pcs/box ■54g/pcs

H-12 (MJ-2112SV)



■200pcs/box ■60g/pcs

H-13 (MJ-2113SV)



■140pcs/box ■92g/pcs

H-14 (MJ-2114SV)



■150pcs/box ■78g/pcs

H-15A (MJ-2115SV)

(old) 구 H-15A (MJ-2115A)



■300pcs/box ■44g/pcs

H-15B (MJ-2215SV)

(old) 구 H-15B (MJ-2115B)



■300pcs/box ■38g/pcs

H-16 (MJ-2116SV)



■300pcs/box ■50g/pcs

H-17 (MJ-2117SV)



■180pcs/box ■66g/pcs

H-45A (MJ-2145SV)

(old) 구 H-45A (MJ-2145A)



■140pcs/box ■60g/pcs

H-45B (MJ-2245SV)

(old) 구 H-45B (MJ-2145B)



■140pcs/box ■60g/pcs

⚡ METAL JOINTS (NICKEL - CONDUCTIVE JOINT)

H-1 (MJ-2101NI)



■240pcs/box ■72g/pcs

H-1B (MJ-2201NI)

(old) 구 H-1B (MJ-2101B)



■240pcs/box ■68g/pcs

H-2 (MJ-2102NI)



■150pcs/box ■96g/pcs

H-3 (MJ-2103NI)



■70pcs/box ■122g/pcs

H-4 (MJ-2104NI)



■180pcs/box ■112g/pcs

H-5 (MJ-2105NI)



■300pcs/box ■44g/pcs

H-6 (MJ-2106NI)



■300pcs/box ■54g/pcs

H-7 (MJ-2107NI)



■180pcs/box ■50g/pcs

H-7B (MJ-2207NI)

(old) 구 H-7B (MJ-2107B)



■180pcs/box ■40g/pcs

H-8 (MJ-2108NI)



■300pcs/box ■48g/pcs

H-9 (MJ-2109NI)



■100pcs/box ■140g/pcs

H-10 (MJ-2110NI)



■180pcs/box ■60g/pcs

CONDUCTIVE METAL JOINTS COMPONENTS

⚡ METAL JOINTS (NICKEL - CONDUCTIVE JOINT)

H-11 (MJ-2111NI)



■240pcs/box ■54g/pcs

H-12 (MJ-2112NI)



■200pcs/box ■60g/pcs

H-13 (MJ-2113NI)



■140pcs/box ■92g/pcs

H-14 (MJ-2114NI)



■150pcs/box ■78g/pcs

H-15A (MJ-2115NI)

(old) 구 H-15A (MJ-2115A)



■300pcs/box ■44g/pcs

H-15B (MJ-2215NI)

(old) 구 H-15B (MJ-2115B)



■300pcs/box ■38g/pcs

H-16 (MJ-2116NI)



■300pcs/box ■50g/pcs

H-17 (MJ-2117NI)



■180pcs/box ■66g/pcs

H-45A (MJ-2145NI)

(old) 구 H-45A (MJ-2145A)



■140pcs/box ■60g/pcs

H-45B (MJ-2245NI)

(old) 구 H-45B (MJ-2145B)

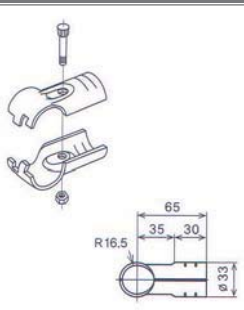


■140pcs/box ■60g/pcs

JOINTING METHODS

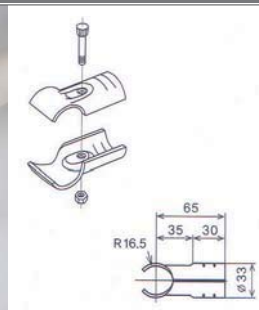
HJ-1

H-1 : 2 pieces
Bolts and nuts: 1 unit



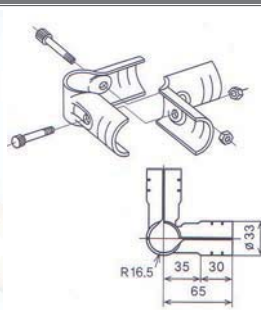
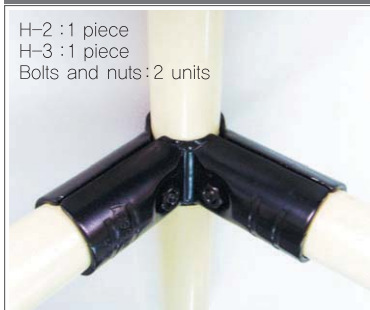
HJ-1B

H-1B: 2 pieces
Bolts and nuts: 1 unit



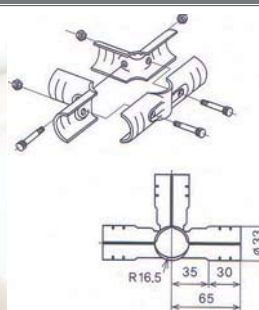
HJ-2

H-2 : 1 piece
H-3 : 1 piece
Bolts and nuts: 2 units



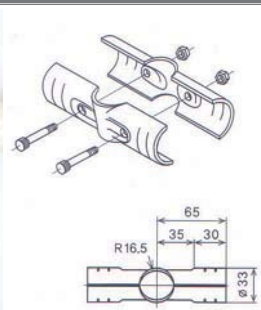
HJ-3

H-2 : 2 pieces
H-4 : 1 pieces
Bolts and nuts: 3 units



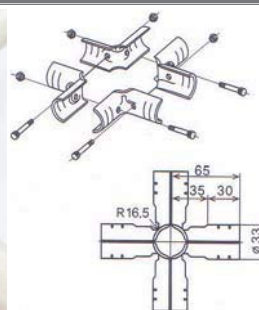
HJ-4

H-4 : 2 piece
Bolts and nuts: 2 units



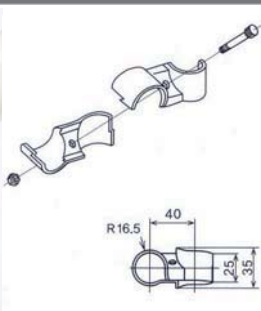
HJ-5

H-2 : 4 pieces
Bolts and nuts: 4 units



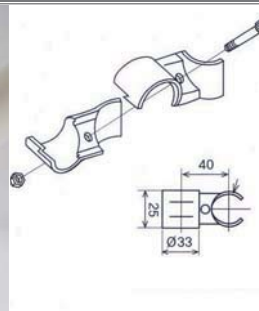
HJ-6

H-7 : 2 pieces
Bolts and nuts: 1 unit



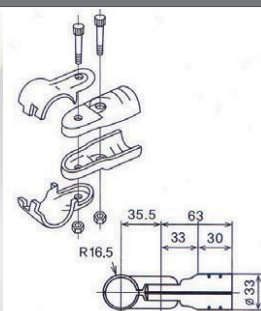
HJ-6B

H-7B: 2 pieces
Bolts and nuts: 1 unit



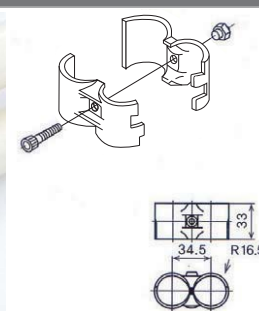
HJ-7

H-5 : 2 pieces
H-6 : 2 pieces
Bolts and nuts: 2 units



HJ-8

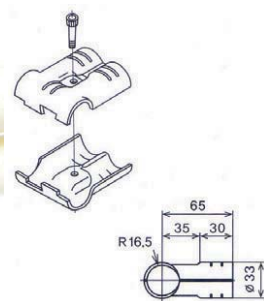
H-8 : 2 pieces
Bolts and nuts: 1 units



JOINTING METHODS

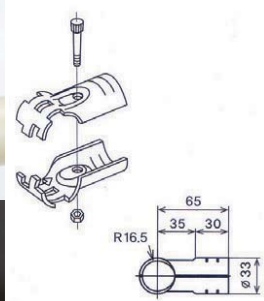
HJ-9

H-9 : 2 pieces
Bolts and nuts : 1 unit



HJ-10

H-10 : 2 pieces
Bolts and nuts : 1 units
PJ-140A

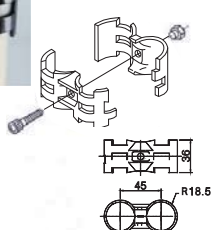


HJ-11 / HJ-11B

H-11 : 2 pieces
Bolts and nuts : 1 unit
PJ-140A : 2 pieces

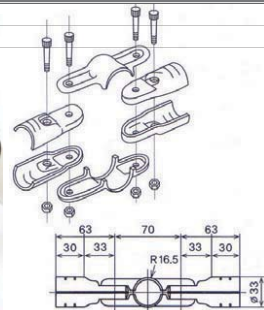


H-11B: 2 pieces
Bolts and nuts: 2 unit
PJ-140A : 1 pieces



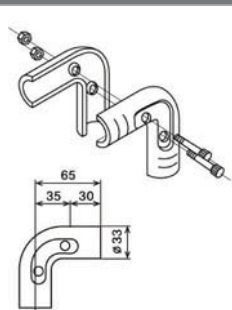
HJ-12

H-12 : 2 pieces
H- 6 : 4 pieces
Bolts and nuts : 4 units



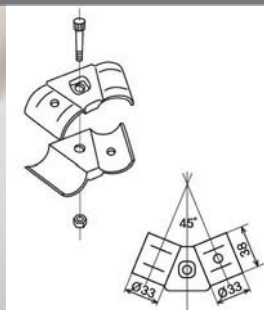
HJ-13

H-13 : 2 pieces
Bolts and nuts : 2 units



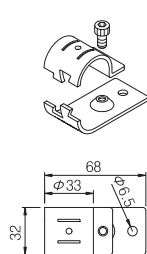
HJ-14

H-14 : 2 pieces
Bolts and nuts : 1 units



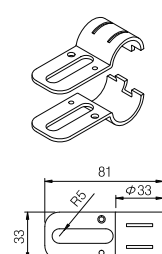
HJ-15

H-15A : 1 piece
H-15B : 1 piece
Bolt : 1 unit (WB-0610)



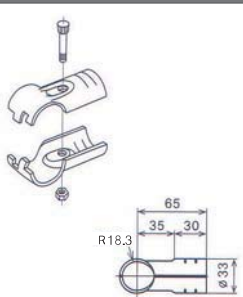
HJ-16

H-16 : 2 pieces



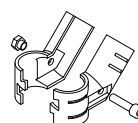
HJ-17

H-17 : 2 piece
Bolts and nuts : 1 unit



HJ-45

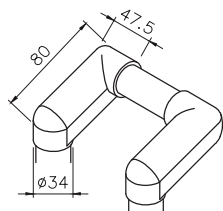
H-45A : 1 piece
H-45B : 1 piece
Bolts and nuts : 1 unit



PLASTIC JOINTS

PJ-100R,L (IV)

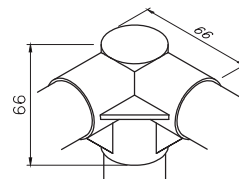
PLASTIC JOINT HANDLE



■200pcs/box ■42g/pcs

PJ-104C (IV)

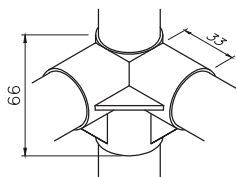
PLASTIC JOINT TOP FLAT TYPE



■150pcs/box ■48g/pcs

PJ-104D (IV)

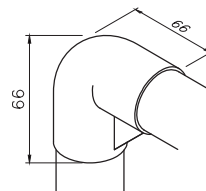
PLASTIC JOINT 3 WAY TYPE



■150pcs/box ■46g/pcs

PJ-105 (IV)

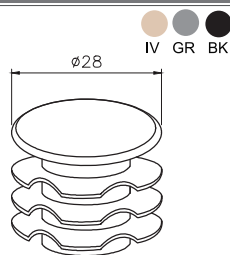
PLASTIC JOINT L TYPE



■220pcs/box ■34g/pcs

PJ-110A (IV,GR,BK)

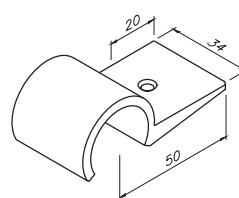
PIPE INNER CAP



■2500pcs/box ■3.4g/pcs

PJ-113 (IV)

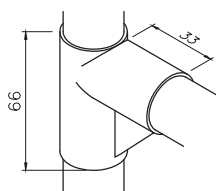
PLASTIC JOINT PIPE CLAMP



■500pcs/box ■12g/pcs

PJ-118 (IV)

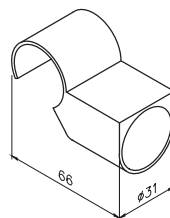
PLASTIC JOINT 2 WAY TYPE



■250pcs/box ■30g/pcs

PJ-123 (IV)

SHELF MOUNT

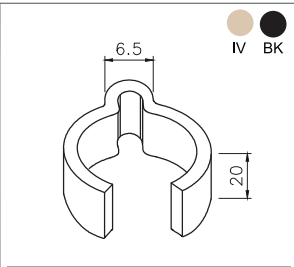



■150pcs/box ■22g/pcs

PLASTIC JOINTS

PJ-138B (IV,BK)

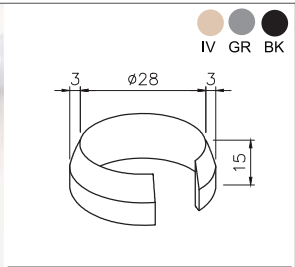

NAME PLATE HANGER



■1500pcs/box ■5.4g/pcs

PJ-138C (IV,GR,BK)

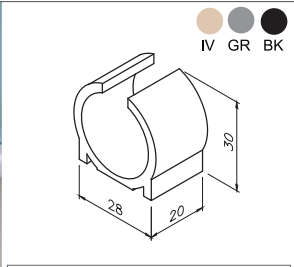
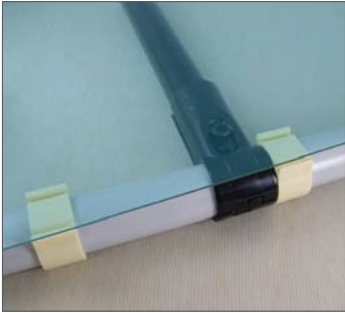
SLIDING HOLDER



■2000pcs/box ■3.4g/pcs

PJ-138S (IV,GR,BK)


HORIZONTAL HOLDER



■2000pcs/box ■4g/pcs

PJ-140A (WH)

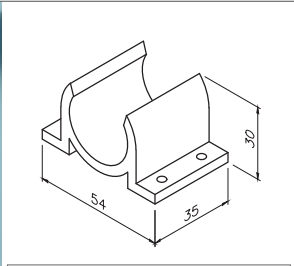
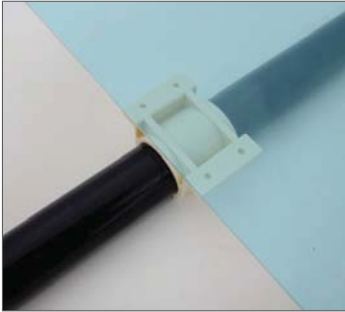
PLASTIC SLEEVE For HJ-10/11



■1000pcs/box ■6g/pcs

PJ-146 (IV)

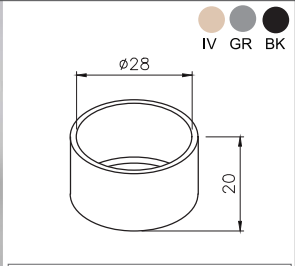

PLASTIC HINGE



■600pcs/box ■14g/pcs

PJ-149 (IV,GR,BK)

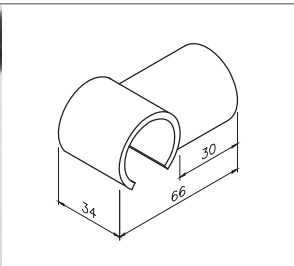

PIPE OUTER CAP



■1500pcs/box ■7.4g/pcs

PJ-159 (IV)

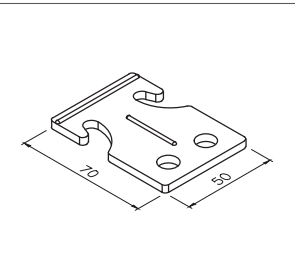
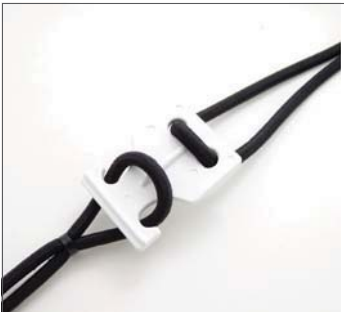
PLASTIC JOINT HOOK



■250pcs/box ■18g/pcs

PJ-180 (IV)

BAND HOOK



■200pcs/box ■14g/pcs

PLACON SPECIFICATION

| PLACON STANDARD LENGTH 3M / 4M | | | | | | | | |
|--------------------------------|--------------|------------------|--------------------|-------------|--------------|-----|----------|----------------|
| SERIES | PRODUCT CODE | OLD PRODUCT CODE | BODY | ROLLER SIZE | ROLLER PITCH | PIN | CAPACITY | PRODUCT WEIGHT |
| 40 SERIES | PL-4014WH | PL-3111 | STEEL | ø30 | 35.72 | ø4 | 220kg/m | 1,248g/m |
| | PL-4014YL | | | | | | | 1,248g/m |
| | PL-4014BK | | | | | | | 1,248g/m |
| | PL-4014ED | | | 1,248g/m | | | | |
| | PL-4014LN | | | 1,248g/m | | | | |
| | PL-4014GR | | | 1,102g/m | | | | |
| | PL-4024WH | PL-3112 | ALUMINIUM | ø27.5 | 35.72 | | 170kg/m | 656g/m |
| | PL-4024YL | | | | | | | 656g/m |
| | PL-4024ED | | | | | | | 656g/m |
| 60 SERIES | PL-6014WH | PL-3115 | STEEL | ø30 | 37.0 | ø4 | 300kg/m | 1,294g/m |
| | PL-6014ED | | | | | | | 1,294g/m |
| | PL-6014TP | | | | | | | 1,591g/m |
| | PL-6014EL | | | | | | | 1,483g/m |
| | PL-6014WS | PL-3115S | STEEL-SMALL | ø16 | 18.5 | | 300kg/m | 1,753g/m |
| | PL-6014ES | | | | | | | 1,753g/m |
| 73 SERIES | PL-7314WH | PL-3114 | STEEL | ø34 | 40.0 | ø5 | 350kg/m | 1,910g/m |
| | PL-7314ED | | | | | | | 1,910g/m |
| | PL-7314TP | | | | | | | 2,110g/m |
| | PL-7314EL | | | | | | | 2,070g/m |
| | PL-7314EG | | | | | | | 1,950g/m |
| | PL-7314WS | PL-3114S | STEEL-SMALL | ø18 | 20.0 | | 350kg/m | 1,910g/m |
| | PL-7314TS | | | | | | | 2,150g/m |
| | PL-7314RS | | | | | | | 2,070g/m |
| | PL-7324WH | PL-3113 | ALUMINIUM | ø34 | 40.0 | | 300kg/m | 1,445g/m |
| | PL-7324ED | | | | | | | 1,445g/m |
| | PL-7324TP | | | | | | | 1,647g/m |
| | PL-7324EL | | | | | | | 1,607g/m |
| | PL-7324EG | | | | | | | 1,485g/m |
| | PL-7324WS | PL-3113S | ALUMINIUM SMALL | ø18 | 20.0 | | 300kg/m | 1,493g/m |
| | PL-7324TS | | | | | | | 1,757g/m |
| PL-7324RS | 1,669g/m | | | | | | | |

CLASSIFICATION OF ROLLER

| No | ITEM | DESCRIPTION | M.O.Q | No | ITEM | DESCRIPTION | M.O.Q |
|----|------|------------------|--------------------------------------|----|------|------------------|--------------------------------------|
| ① | WH | WHITE | | ⑨ | WS | WHITE SMALL | |
| ② | YL | YELLOW | | | | | |
| ③ | BK | BLACK | | | | | |
| ④ | ED | ⚡ ESD | 10 ³ Ω~10 ⁶ Ω | ⑩ | ES | ⚡ ESD SMALL | 10 ³ Ω~10 ⁶ Ω |
| ⑤ | GR | GUIDE ROLLER | | | | | |
| ⑥ | EL | ELASTOMER | | ⑪ | RS | ELASTOMER SMALL | |
| ⑦ | EG | ELASTOMER GROOVE | | | | | |
| ⑧ | TP | ⚡ TPU(ESD) | 10 ⁸ Ω~10 ¹¹ Ω | ⑫ | TS | ⚡ TPU(ESD) SMALL | 10 ⁸ Ω~10 ¹¹ Ω |

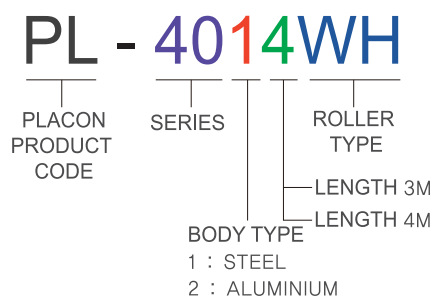
*Packing Unit

1 Bar (1본) = 4M

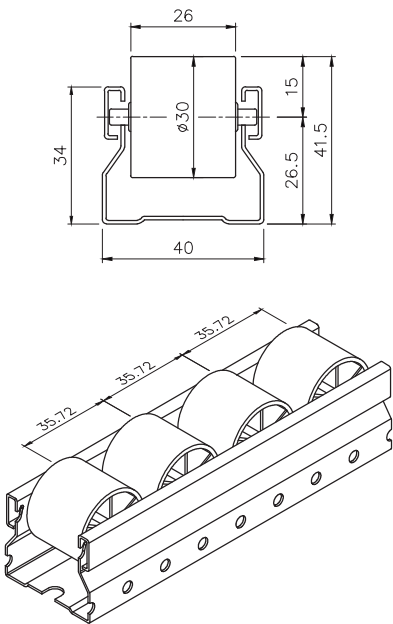
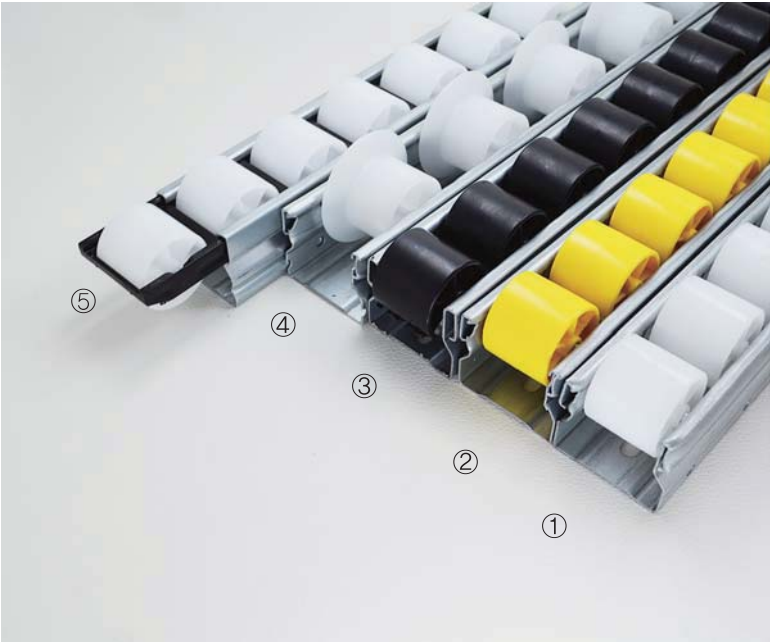
1 Bundle (1묶음) = 40 SERIES = 10Pieces

60 SERIES = 8Pieces

73 SERIES = 5Pieces



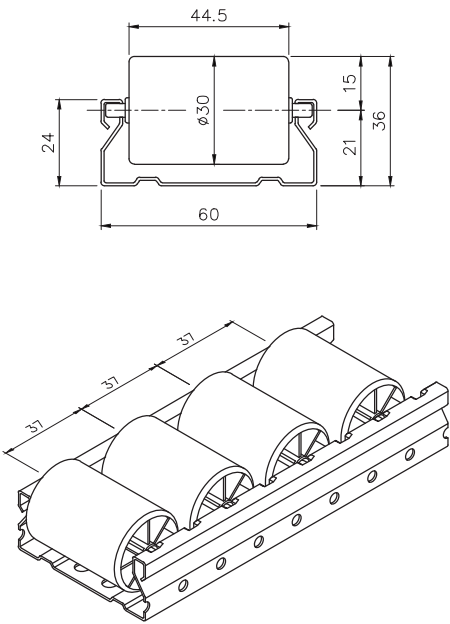
40 SERIES



Technical Data

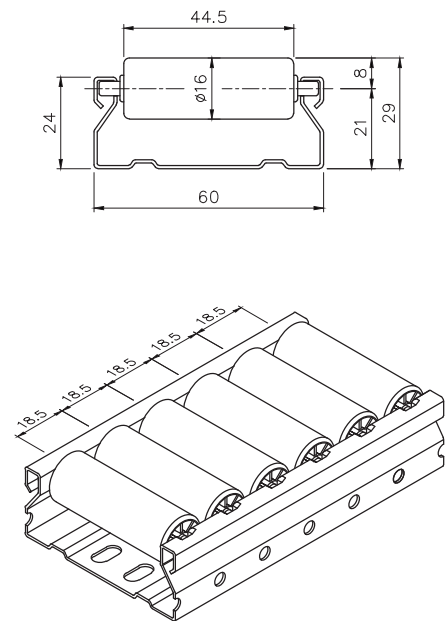
| | | | |
|--------------------------------------|--------|--------------------|--------------|
| ① PL-4014WH (old) 구 PL-3111 | WHITE | ④ PL-4014GR | GUIDE ROLLER |
| ② PL-4014YL (old) 구 PL-3111YL | YELLOW | ⑤ PL-4014LN | LESS NOISIER |
| ③ PL-4014ED (old) 구 PL-3111ED | ⚡ ESD | | |

60 SERIES



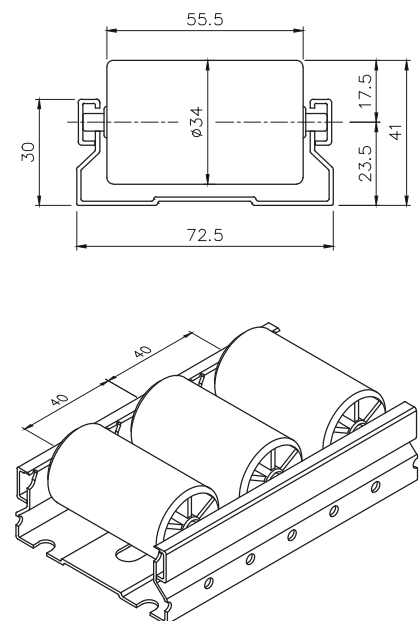
Technical Data

| | | | |
|------------------------------------|-------|---------------------------------------|-------------|
| ① PL-6014WH (old) 구 PL-3115 | WHITE | ③ PL-6014TP (old) 구 PL-3115URA | ⚡ TPU (ESD) |
| ② PL-6014ED | ⚡ ESD | ④ PL-6014EL | ELASTOMER |



- WHITE-SMALL

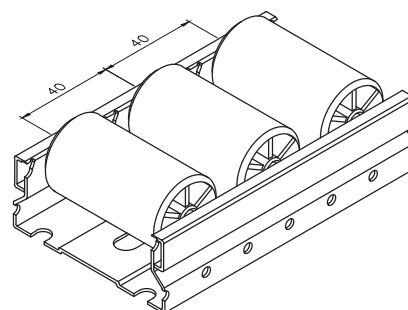
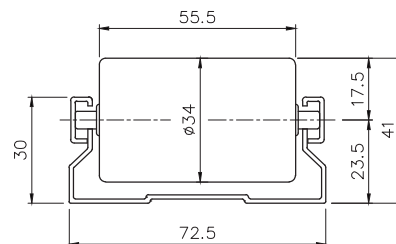
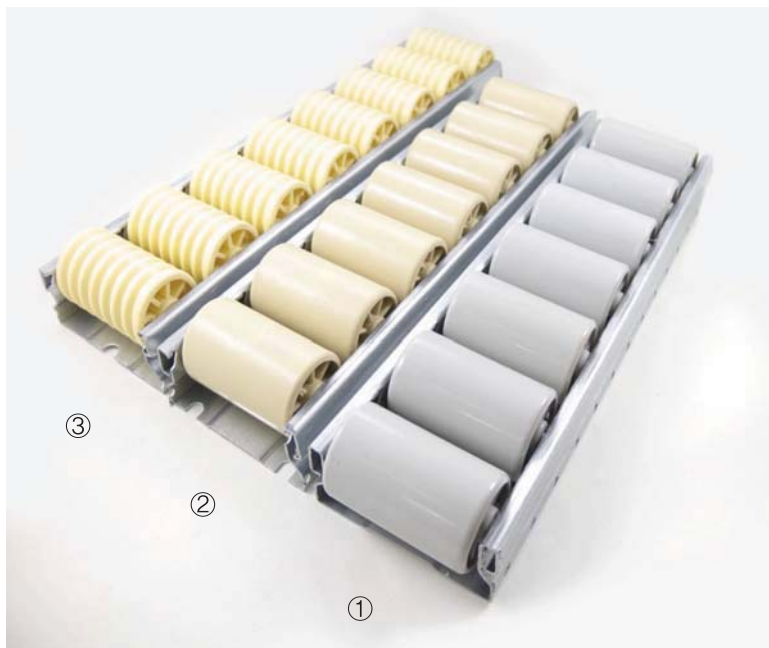
- 



- WHITE

- 

73 SERIES



Technical Data

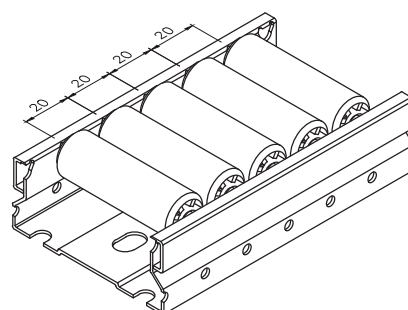
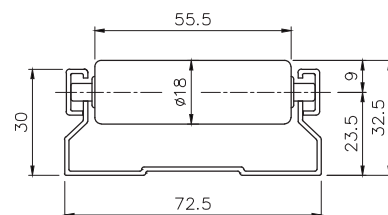
- ① **PL-7314TP** (old) ⇨ PL-3114URA
- ② **PL-7314EL**
- ③ **PL-7314EG** (old) ⇨ PL-3114ELG



ELASTOMER

ELASTOMER GROOVE

73 SERIES—SMALL ROLLER



Technical Data

- ① **PL-7314TS**
- ② **PL-7314RS** (old) ⇨ PL-3114ELS
- PL-7314WS**

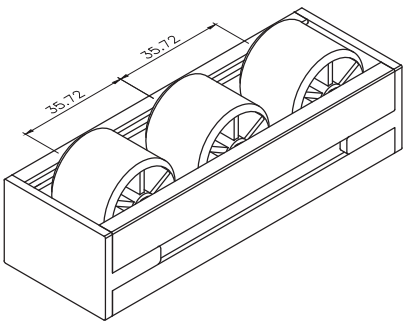
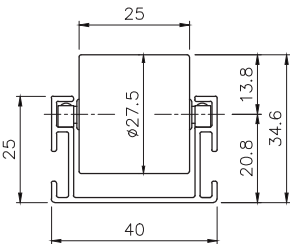
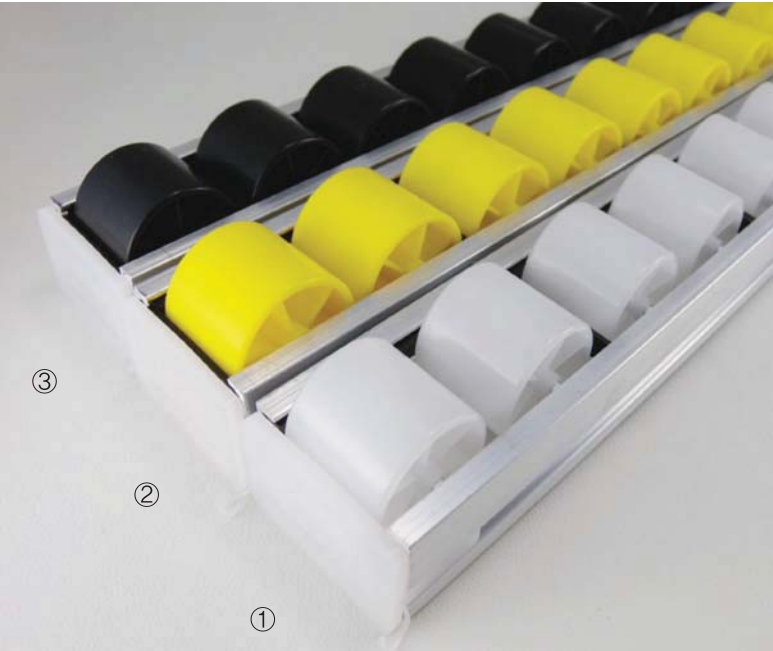
TPU-ESD-SMALL

ELASTOMER-SMALL

WHITE

LOGIFORM

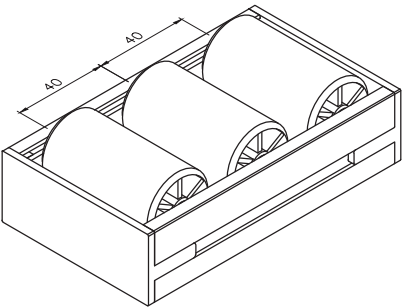
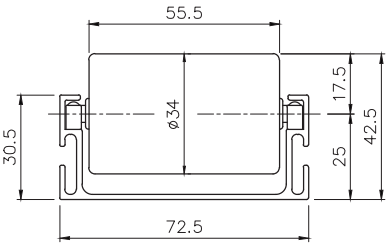
40 SERIES (ALUMINIUM)



Technical Data

| | |
|--------------------------------------|--------|
| ① PL-4024WH (old) ㄱ PL-3112 | WHITE |
| ② PL-4024YL (old) ㄱ PL-3112YL | YELLOW |
| ③ PL-4024ED (old) ㄱ PL-3112ED | ESD |

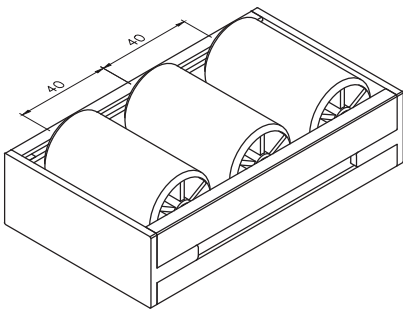
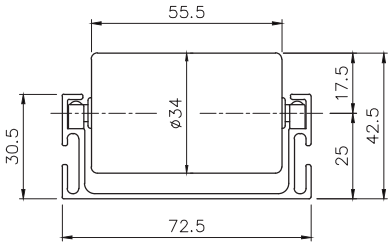
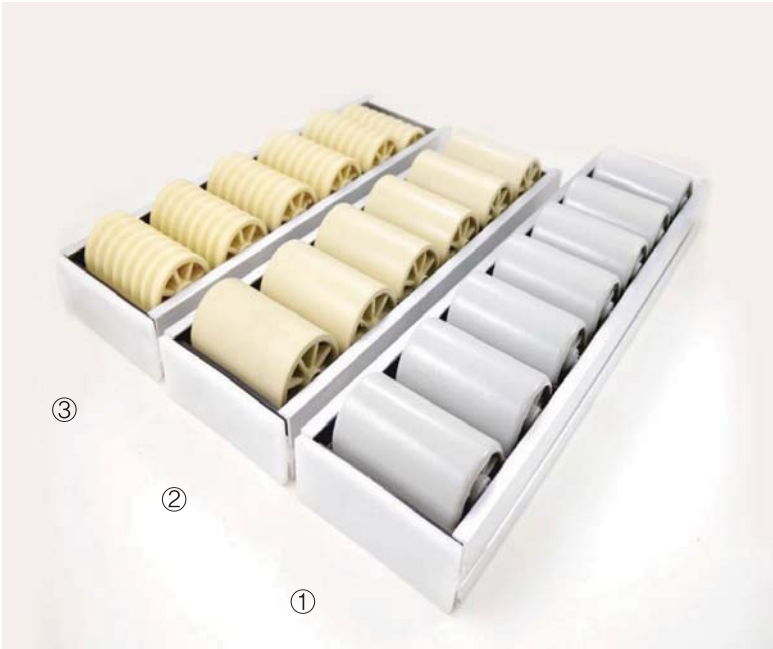
73 SERIES (ALUMINIUM)



Technical Data

| | |
|--------------------------------------|-------|
| ① PL-7324WH (old) ㄱ PL-3113 | WHITE |
| ② PL-7324ED (old) ㄱ PL-3113ED | ESD |

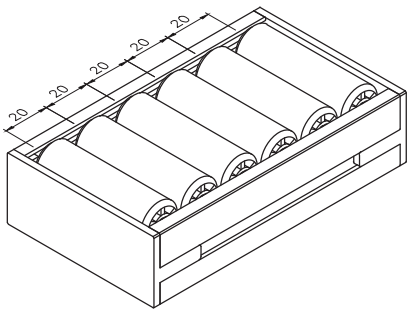
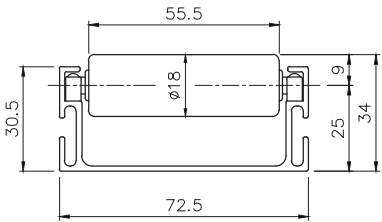
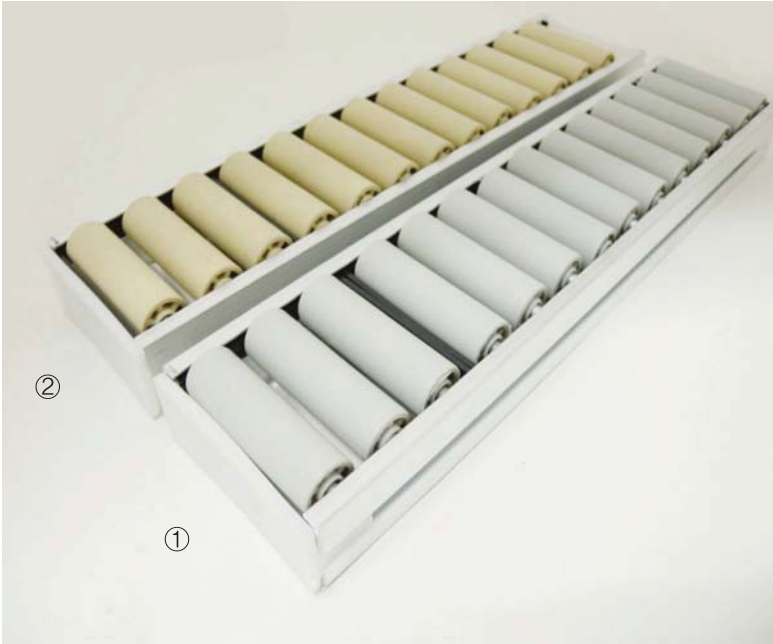
73 SERIES (ALUMINIUM)



Technical Data

| | |
|--------------------------------|------------------|
| ① PL-7324TP (old) 꺾 PL-3113URA | ⚡ TPU (ESD) |
| ② PL-7324EL (old) 꺾 PL-3113EL | ELASTOMER |
| ③ PL-7324EG (old) 꺾 PL-3113ELG | ELASTOMER GROOVE |


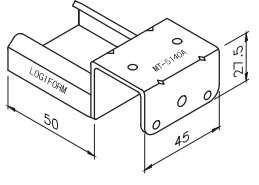
73 SERIES (ALUMINIUM)–SMALL ROLLER


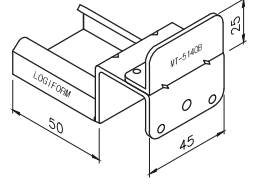



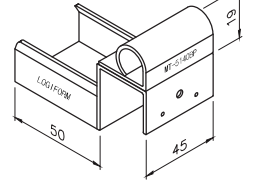
Technical Data


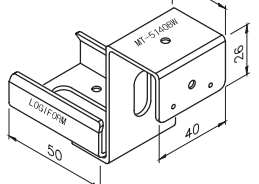
| | |
|--------------------------------|-------------------|
| ① PL-7324TS | ⚡ TPU (ESD)-SMALL |
| ② PL-7324RS (old) 꺾 PL-3113ELS | ELASTOMER-SMALL |
| PL-7324WS | WHITE-SMALL |


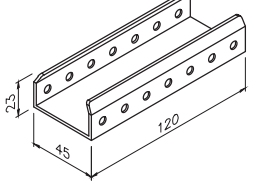
MOUNTS OF PL-4010 (40 STEEL) 40 플라콘 지지금구


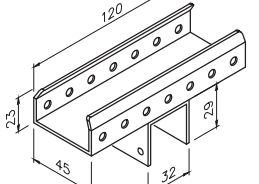
| PM-4010A | PLACON MOUNT-A 지지금구-A |
|----------------------|---|
| (old) 구 MT-5140A |   |
| ■80pcs/box ■130g/pcs | |


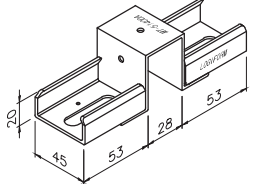
| PM-4010B | PLACON MOUNT-B 지지금구-B |
|----------------------|--|
| (old) 구 MT-5140B |   |
| ■60pcs/box ■154g/pcs | |


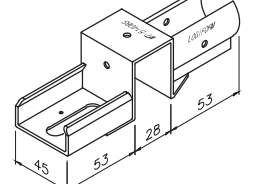
| PM-4010BP | PLACON MOUNT-BP 지지금구-BP |
|----------------------|---|
| (old) 구 MT-5140BP |   |
| ■50pcs/box ■162g/pcs | |

| PM-4010BW | PLACON MOUNT-BW 지지금구-BW |
|----------------------|--|
| (old) 구 MT-5140BW |   |
| ■70pcs/box ■150g/pcs | |

| PM-4010C | PLACON MOUNT-C 지지금구-C |
|-----------------------|---|
| (old) 구 MT-5140C |   |
| ■100pcs/box ■120g/pcs | |

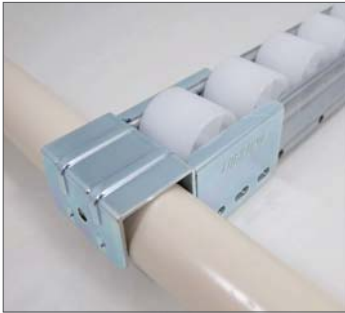
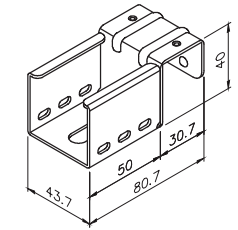
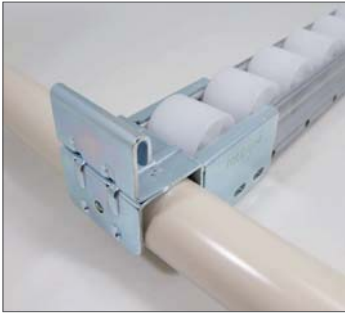
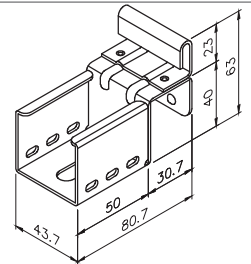

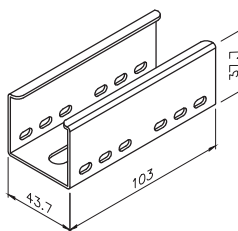

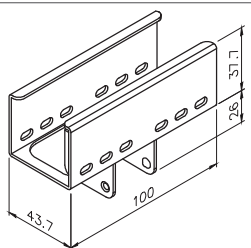

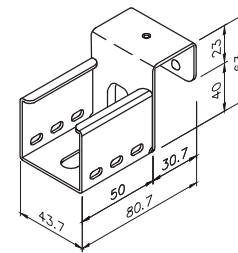

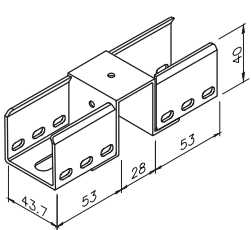
| PM-4010D | PLACON MOUNT-D 지지금구-D |
|----------------------|--|
| (old) 구 MT-5140D |   |
| ■40pcs/box ■174g/pcs | |

| PM-4010DA | PLACON MOUNT-DA 지지금구-DA |
|----------------------|---|
| (old) 구 MT-5140DA |   |
| ■30pcs/box ■226g/pcs | |

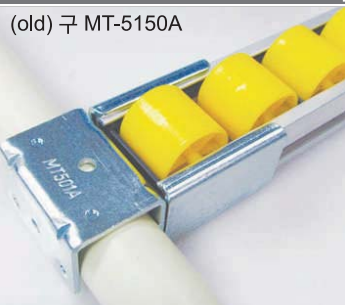
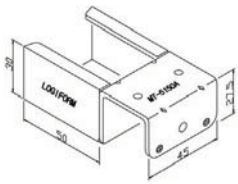
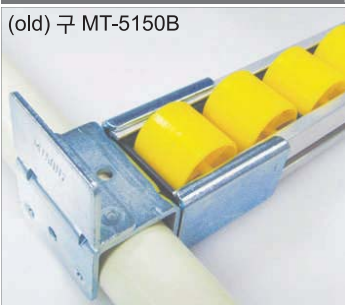
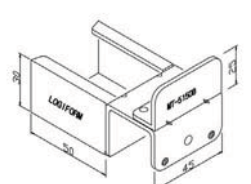
| PM-4010BS | PLACON MOUNT-BS 지지금구-BS |
|----------------------|--|
| (old) 구 MT-5140BS |   |
| ■30pcs/box ■228g/pcs | |

PLACON MOUNTS (플라콘 지지금구)

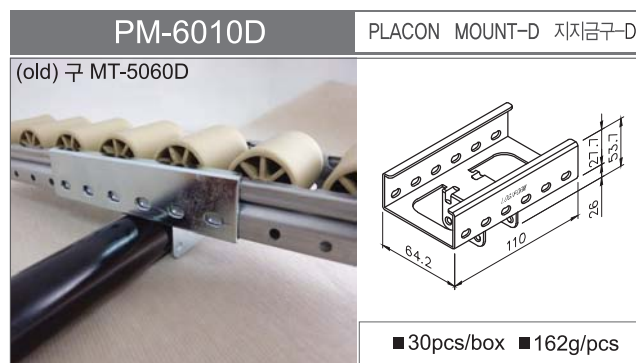
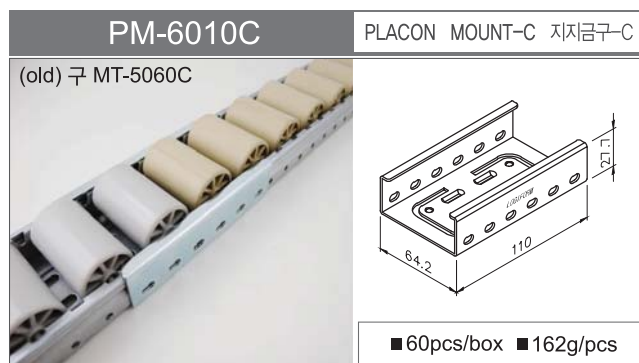
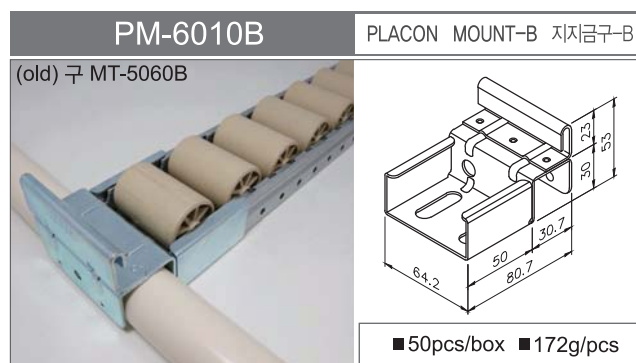
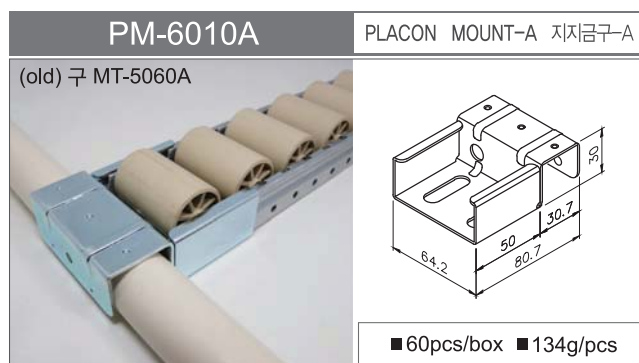
MOUNTS OF PL-4011 NEW (40 STEEL) 40 플라콘 지지금구

| | | | |
|---|---|--|--|
| PM-4011A  | PLACON MOUNT-A 지지금구-A  ■80pcs/box ■120g/pcs | PM-4011B  | PLACON MOUNT-B 지지금구-B  ■60pcs/box ■150g/pcs |
| PM-4011C  | PLACON MOUNT-C 지지금구-C  ■100pcs/box■148g/pcs | PM-4011D  | PLACON MOUNT-D 지지금구-D  ■40pcs/box ■148g/pcs |
| PM-4011BW  | PLACON MOUNT-BW지지금구-BW  ■70pcs/box ■158g/pcs | PM-4011DA  | PLACON MOUNT-DA 지지금구-DA  ■30pcs/box ■240g/pcs |

MOUNTS OF PL-4020 (40 ALUMINIUM) 40 플라콘 알루미늄 지지금구


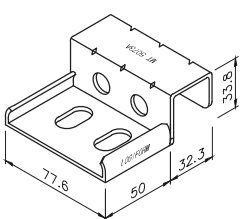
| | | | |
|--|--|---|--|
| PM-4020A (old) 구 MT-5150A  | PLACON MOUNT-A 지지금구-A  ■70pcs/box ■150g/pcs | PM-4020B (old) 구 MT-5150B  | PLACON MOUNT-B 지지금구-B  ■60pcs/box ■180g/pcs |
|--|--|---|--|

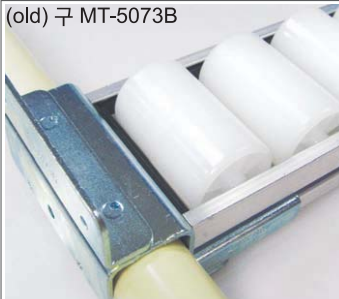
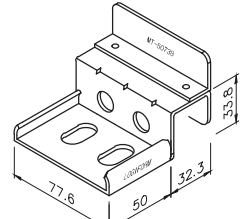
MOUNTS OF PL-6010 (60 STEEL) 60 플라콘 지지금구


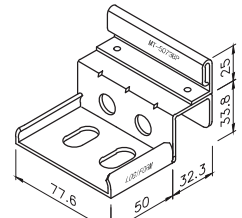



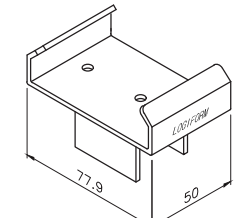
PLACON MOUNTS (플라콘 지지금구)


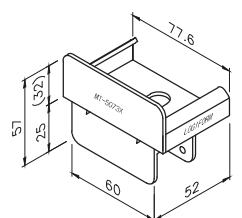
MOUNTS OF PL-7310 (73 STEEL) 73 플라콘 지지금구

| | |
|------------------|---|
| PM-7310A | PLACON MOUNT-A 지지금구-A |
| (old) 구 MT-5073A |   <p>■ 40pcs/box ■ 204g/pcs</p> |

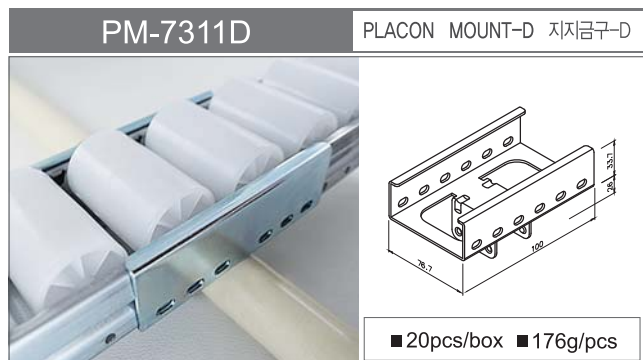
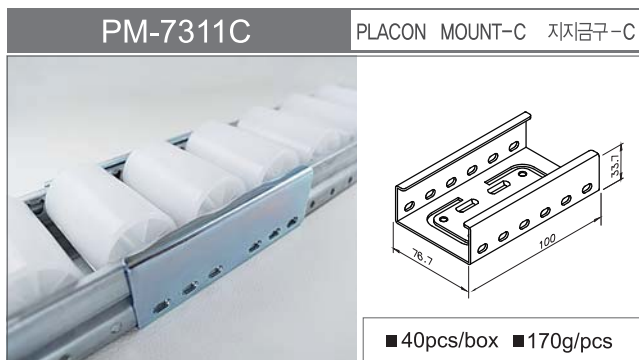
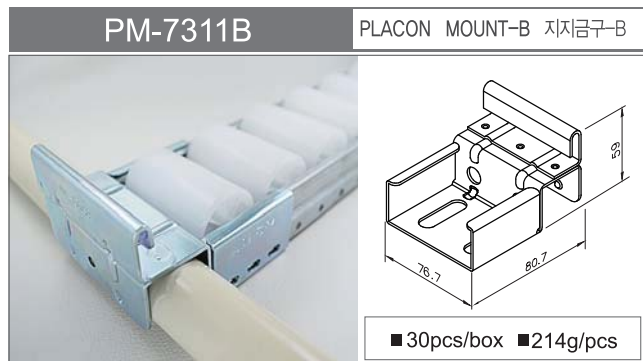
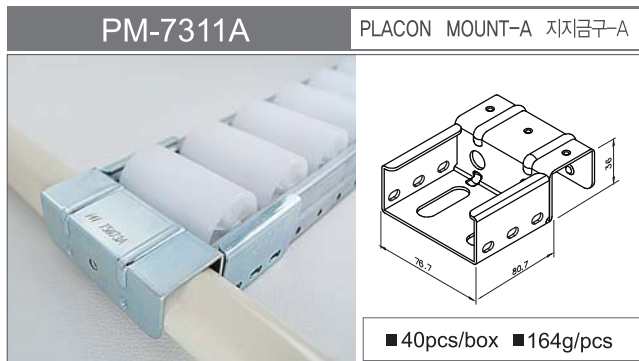
| | |
|------------------|--|
| PM-7310B | PLACON MOUNT-B 지지금구-B |
| (old) 구 MT-5073B |   <p>■ 30pcs/box ■ 240g/pcs</p> |

| | |
|-------------------|---|
| PM-7310BP | PLACON MOUNT-BP 지지금구-BP |
| (old) 구 MT-5073BP |   <p>■ 30pcs/box ■ 240g/pcs</p> |

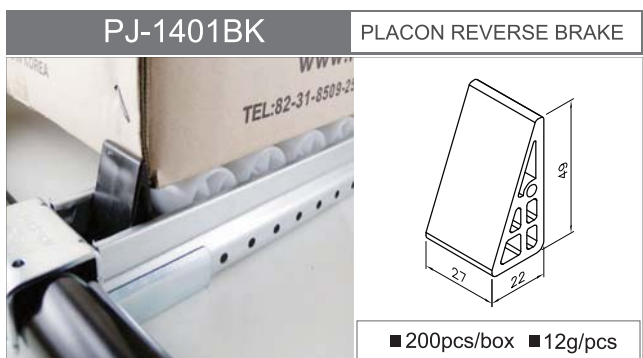
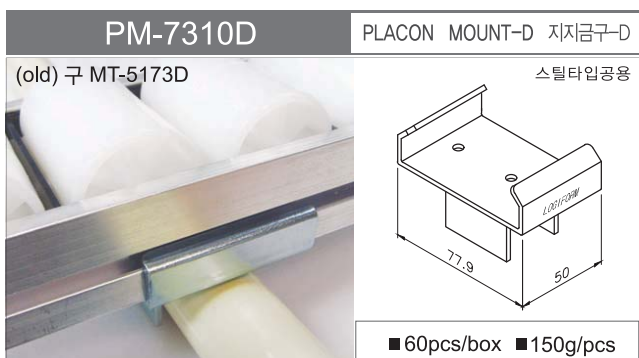
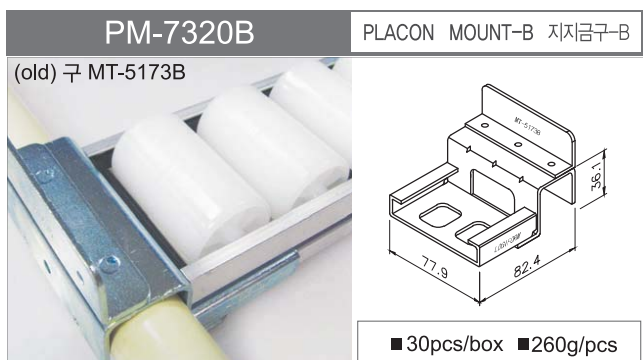
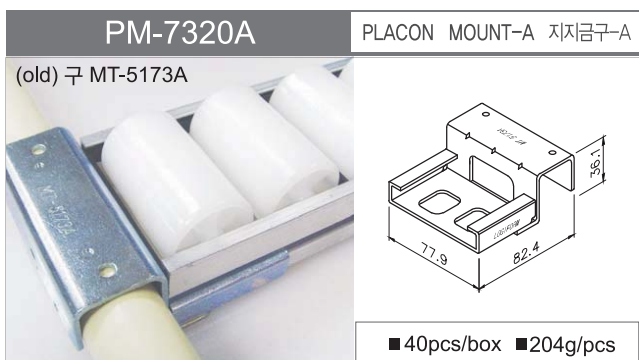
| | |
|------------------|--|
| PM-7310D | PLACON MOUNT-D 지지금구-D |
| (old) 구 MT-5073D |   <p>■ 60pcs/box ■ 150g/pcs</p> |

| | |
|------------------|---|
| PM-7310X | PLACON MOUNT-X 지지금구-X |
| (old) 구 MT-5073X |   <p>■ 60pcs/box ■ 150g/pcs</p> |

MOUNTS OF PL-7311 NEW (73 STEEL) 73 플라콘 지지금구






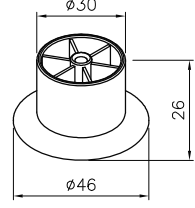
MOUNTS OF PL-7320 (73 ALUMINIUM) 73 플라콘 알루미늄 지지금구



PLACON COMPONENTS (플라콘 부품)

PLACON ROLLERS

| RO-4010 SERIES | | 40 TYPE ROLLER |
|---|----------|---|
|  | |  |
| ① WHITE | ② YELLOW | ③ ⚡ ESD |
| RO-40WH | RO-40YL | RO-40ED |

| RO-4010 SERIES | | 40 TYPE GUIDE ROLLER |
|--|--|---|
|  | | COLOR OPTION  IV  BK  |
| | | GUIDE ROLLER |
| | | RO-40GR |

| RO-6010 SERIES | | 60 TYPE ROLLER |
|--|-------------|--|
|  | |  |
| ① ⚡ TPU (ESD) | ② ELASTOMER | |
| RO-60TP | RO-60EL | |

| RO-6010 SERIES | | 60 TYPE SMALL ROLLER |
|---|----------------|--|
|  | |  |
| ① WHITE (SMALL) | ② ⚡ ESD(SMALL) | |
| RO-60WS | RO-60ES | |

| RO-7310/7320 SERIES | | 73 TYPE ROLLER |
|---|---------------|---|
|  | |  |
| ① WHITE | ② ⚡ TPU (ESD) | ③ ELASTOMER |
| | ④ ⚡ ESD | ⑤ ELASTOMER GROOVE |
| RO-73WH | RO-73TP | RO-73EL |
| | RO-73ED | RO-73EG |

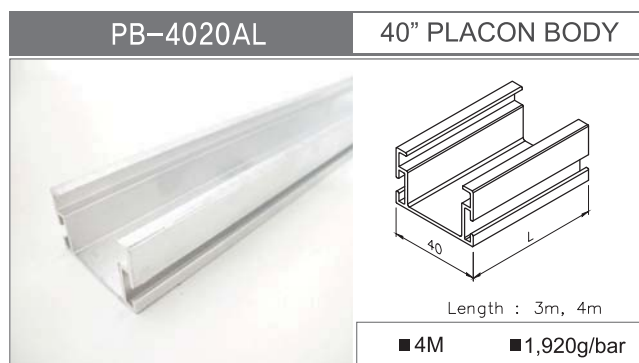
| RO-7310/7320 SERIES | | 73 TYPE SMALL ROLLER |
|--|---------------------|---|
|  | |  |
| ① WHITE | ② ⚡ TPU (ESD-SMALL) | ③ ELASTOMER(SMALL) |
| RO-73WS | RO-73TS | RO-73RS |

| RO-4020 SERIES | | 40 (AL) TYPE ROLLER |
|---|-----------|---|
|  | |  |
| ① WHITE | ② YELLOW | |
| RO-AL40WH | RO-AL40YL | |

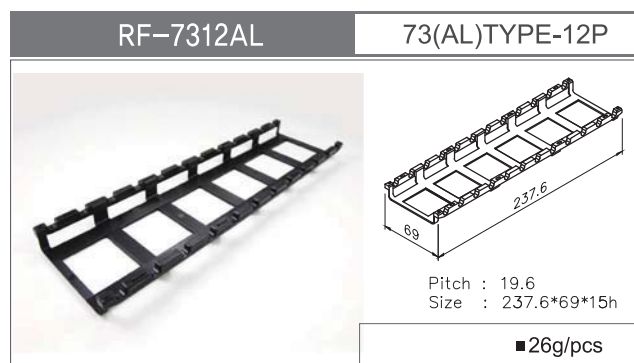
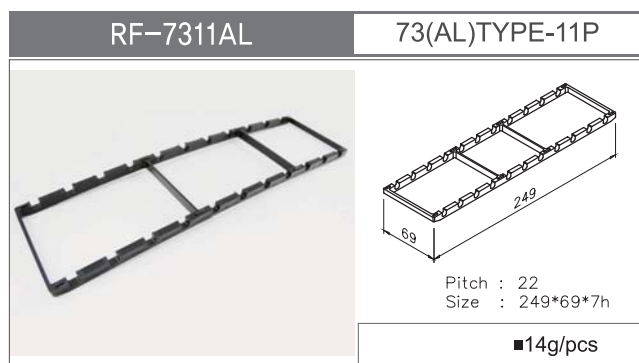
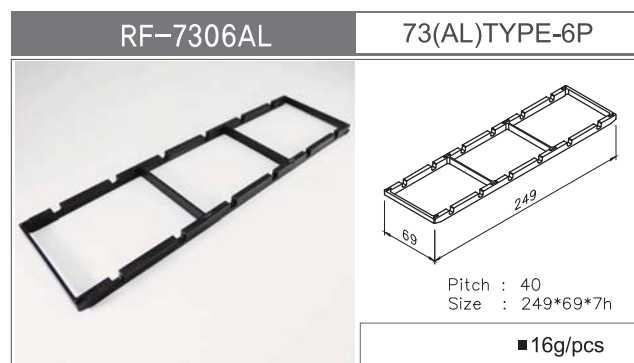
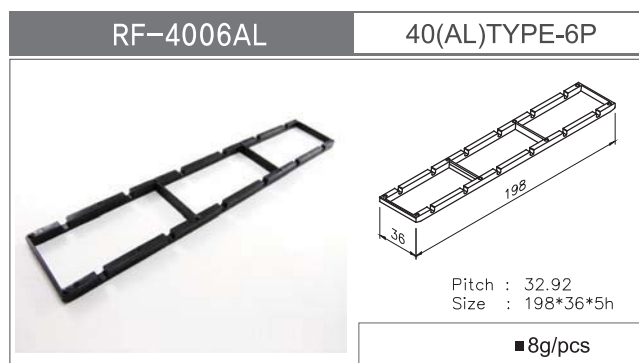
CLASSIFICATION OF ROLLER

| No | ITEM | DESCRIPTION | M.O.Q | No | ITEM | DESCRIPTION | M.O.Q |
|----|------|------------------|-----------------------------------|----|------|------------------|-----------------------------------|
| ① | WH | WHITE | | ⑨ | WS | WHITE SMALL | |
| ② | YL | YELLOW | | | | | |
| ③ | BK | BLACK | | | | | |
| ④ | ED | ⚡ ESD | 10 ³ ~10 ⁶ | ⑩ | ES | ⚡ ESD SMALL | 10 ³ ~10 ⁶ |
| ⑤ | GR | GUIDE ROLLER | | | | | |
| ⑥ | EL | ELASTOMER | | ⑪ | RS | ELASTOMER SMALL | |
| ⑦ | EG | ELASTOMER GROOVE | | | | | |
| ⑧ | TP | ⚡ TPU(ESD) | 10 ³ ~10 ¹¹ | ⑫ | TS | ⚡ TPU(ESD) SMALL | 10 ³ ~10 ¹¹ |

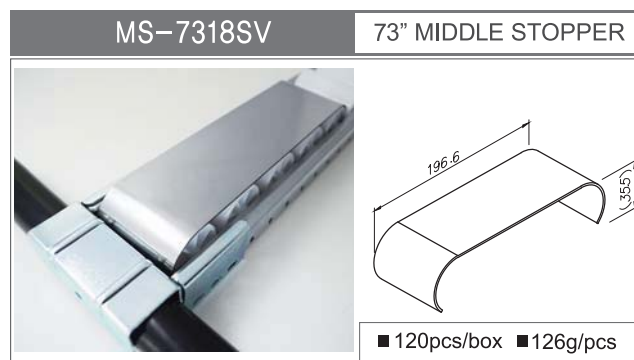
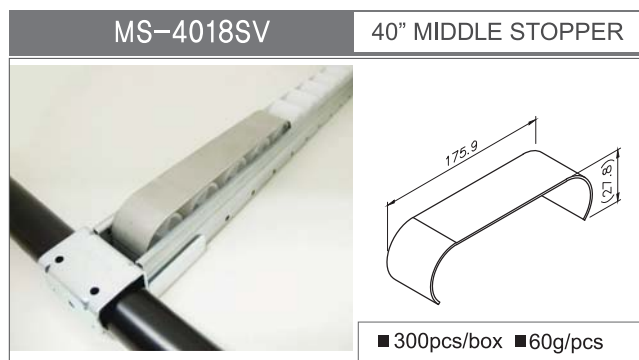
PLACON BODYS - ALUMINIUM



ROLLER FRAMES - PLASTIC

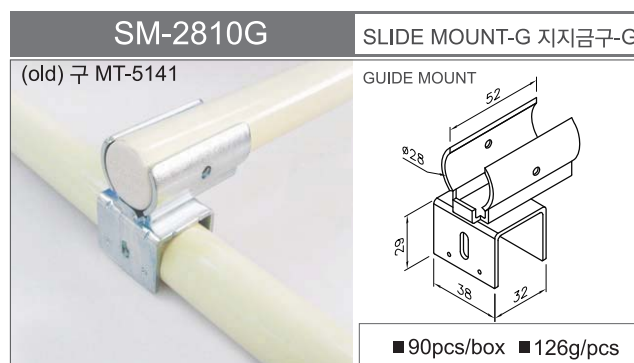
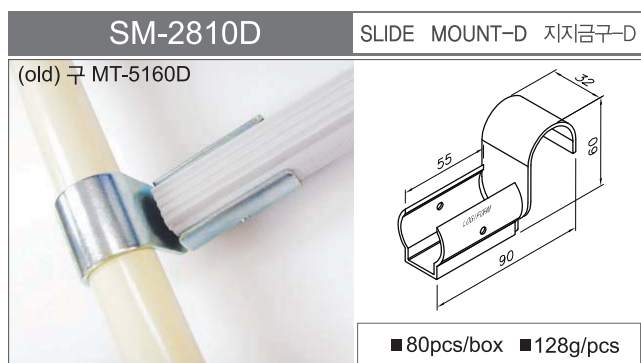
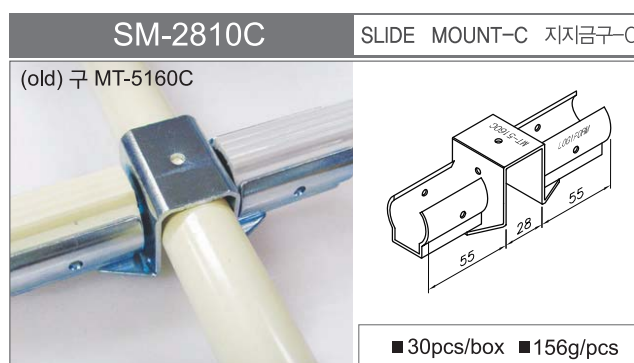
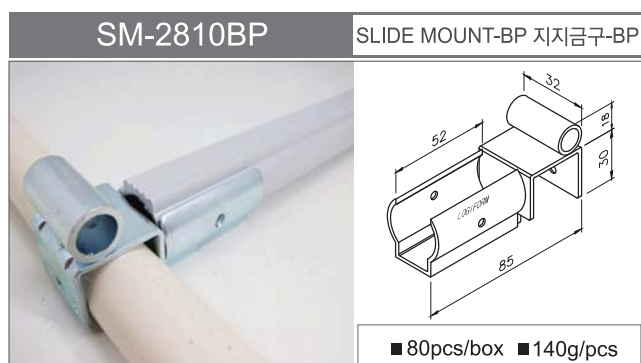
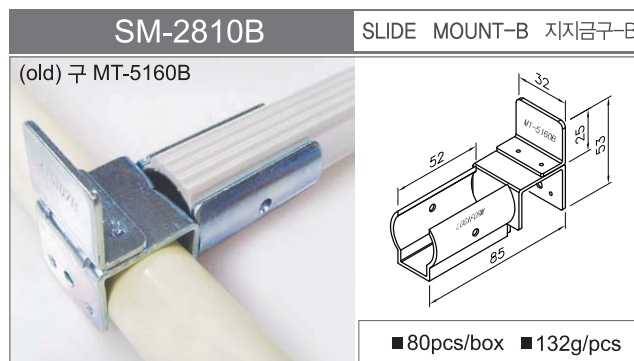
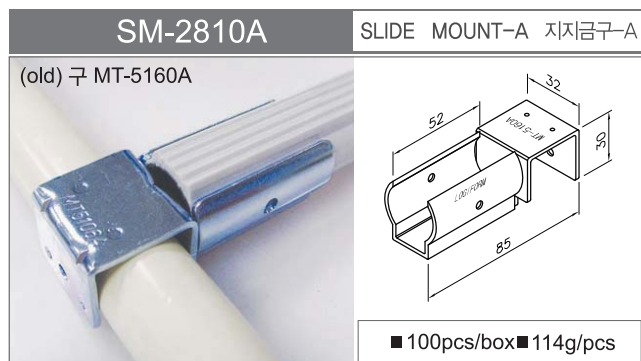


MIDDLE STOPPER

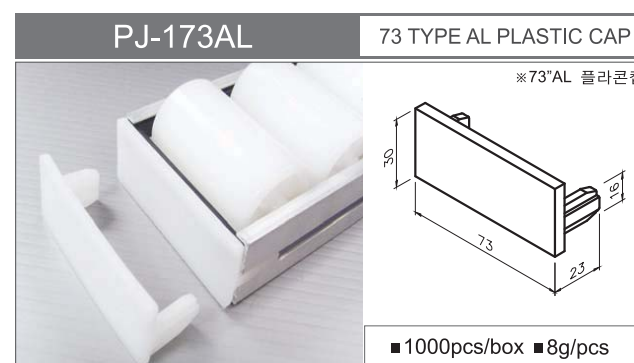
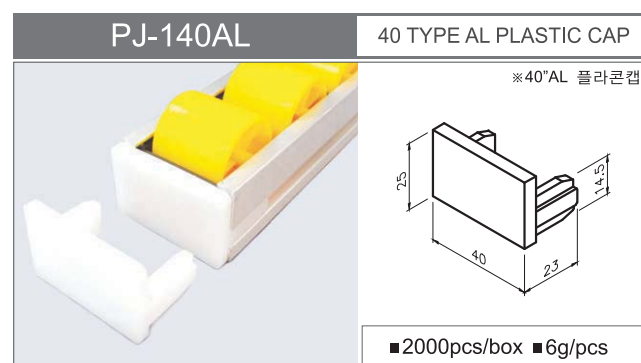


PLACON COMPONENTS (플라콘 부품)

MOUNTS OF SLIDE PIPE 슬라이드 파이프 지지금구



PLACON END CAPS



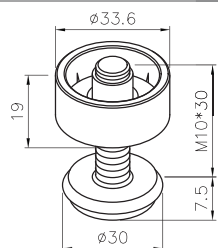
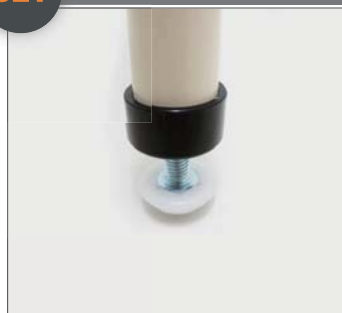
* Please inquire about the others to our sales dept.

ADJUSTERS 조절좌류

SET

AS-3030MP

P/ADJUSTER M10 SMALL SET

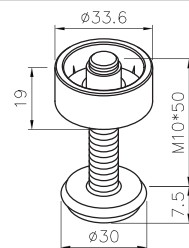


■100pcs/box ■26g/pcs

SET

AS-3050MP

P/ADJUSTER M10 LARGE SET

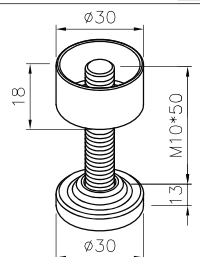


■100pcs/box ■36g/pcs

SET

AS-3050MS

ADJUSTER M10 SMALL SET

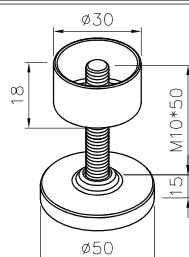


■100pcs/box ■40g/pcs

SET

AS-5050MS

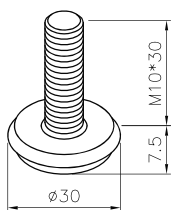
ADJUSTER M10 LARGE SET



■100pcs/box ■68g/pcs

AM-3030PS

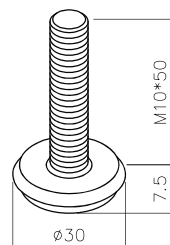
P/ADJUSTER M10 SMALL



■150pcs/box ■26g/pcs

AM-3050PL

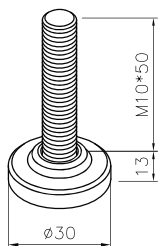
P/ADJUSTER M10 LARGE



■150pcs/box ■36g/pcs

AM-3050SS

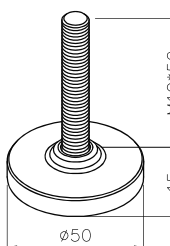
ADJUSTER M10 SMALL



■150pcs/box ■40g/pcs

AM-5050SL

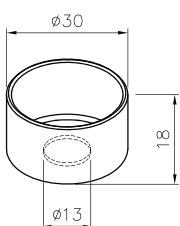
ADJUSTER M10 LARGE



■150pcs/box ■68g/pcs

CN-3010MS

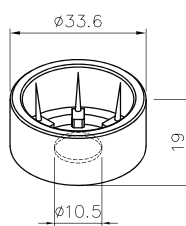
STEEL CAP NUT M10



■300pcs/box ■24g/pcs

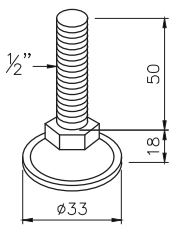

CN-3010MP

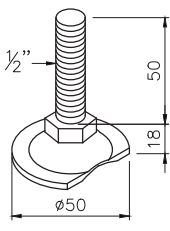

PLASTIC CAP NUT M10

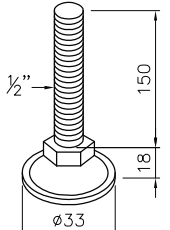



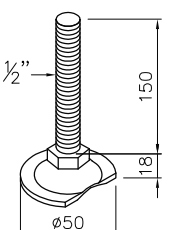

■300pcs/box ■14g/pcs

ADJUSTERS 조절좌류

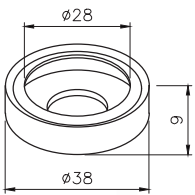

| | |
|---|---|
| AD-3012S | ADJUSTER (1/2") SMALL |
| (old) 구 MT-5132S |  |
|  | ■ 150pcs/box ■ 76g/pcs |

| | |
|--|---|
| AD-5012L | ADJUSTER (1/2") LARGE |
| (old) 구 MT-5132L |  |
|  | ■ 150pcs/box ■ 94g/pcs |

| | |
|--|--|
| AD-3012XL | ADJUSTER (1/2") XLARGE |
| |  |
|  | ■ 50pcs/box ■ 152g/pcs |

| | |
|---|--|
| AD-5012XL | ADJUSTER (1/2") XLARGE |
| (old) 구 MT-5132XL |  |
|  | ■ 50pcs/box ■ 172g/pcs |

ADJUSTER RUBBER CAP 고무캡

| | |
|---|---|
| AC-3828RB | ADJUSTER RUBBER CAP(고무캡) |
| (old) 구 MT-5133R |  |
|  | ■ 400pcs/box ■ 8g/pcs |

INSERT NUTS - STEEL 부싱너트

IN-1210L
 (old) 구 MT-5136

INSERT NUT (1/2")

■ 300pcs/box ■ 88g/pcs

IN-5810L
 (old) 구 MT-5137

INSERT NUT (5/8")

■ 300pcs/box ■ 62g/pcs

| PRODUCT CODE | OLD PRODUCT CODE | THICKNESS (PIPE 두께) | PIPES(TUBING) | |
|--------------|------------------|---------------------|--------------------|---------|
| | | | MODEL | |
| IN-1210L | MT-5136T1 | t1.0 | FOR LOGIFORM PIPE | LP-1100 |
| IN-1220L | MT-5136T2 | t2.0 | | LP-1200 |
| IN-1207S | MT-5136ST07 | t0.7 | FOR STAINLESS PIPE | ST-1070 |
| IN-1211S | MT-5136ST11 | t1.1 | | ST-1110 |

| | | | | |
|----------|-------------|------|--------------------|---------|
| IN-5810L | MT-5137T1 | t1.0 | FOR LOGIFORM PIPE | LP-1100 |
| IN-5820L | MT-5137T2 | t2.0 | | LP-1200 |
| IN-5807S | MT-5137ST07 | t0.7 | FOR STAINLESS PIPE | ST-1070 |
| IN-5811S | MT-5137ST11 | t1.1 | | ST-1110 |

*Please inquire about the others our sales dept.

INSERT NUTS - PLASTIC 부싱너트

SET

AS-3050IP

PLASTIC ADJUSTER M10 SET

(old) 구 MT-5134P

■ 200pcs/box ■ 52g/pcs

IN-1010LP

PLASTIC INSERT NUT For LP-1100(M10)

(INSERTED 10MM STEEL BOLT)

■ 300pcs/box ■ 15g/pcs

IN-1210LP

PLASTIC INSERT NUT For LP-1100 (1/2")

(old) 구 MT-5136P

■ 200pcs/box ■ 15g/pcs


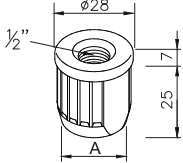
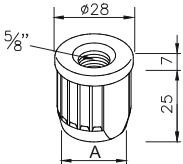
IN-1207SP

PLASTIC INSERT NUT For ST-1070 (1/2")

(old) 구 MT-5136SP
 ⚡ 도전성


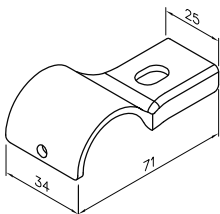

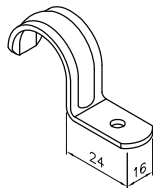

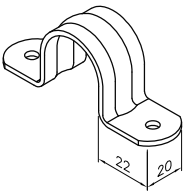

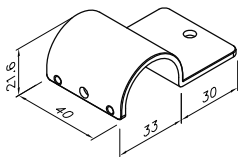

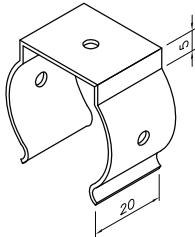

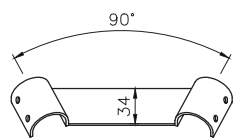
■ 200pcs/box ■ 15g/pcs

INSERT NUTS - ALUMINIUM 부싱너트


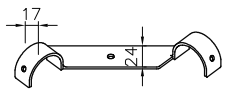
| IMAGE | DIMENSION | PRODUCT CODE | A | THICKNESS (PIPE두께) | PIPES(TUBING) | |
|---|---|--------------|--------|--------------------|--------------------|---------|
| | | | | | MODEL | |
|  |  | IN-1207LA | Ø20.8t | t0.7 | FOR LOGIFORM PIPE | LP-1070 |
| | | IN-1210LA | Ø20.3t | t1.0 | | LP-1100 |
| | | IN-1220LA | Ø18.2t | t2.0 | | LP-1200 |
| | | IN-1207SA | Ø23.0t | t0.7 | FOR STAINLESS PIPE | ST-1070 |
| | | IN-1211SA | Ø22.2t | t1.1 | | ST-1110 |
| |  | IN-5807LA | Ø20.8t | t0.7 | FOR LOGIFORM PIPE | LP-1070 |
| | | IN-5810LA | Ø20.3t | t1.0 | | LP-1100 |
| | | IN-5820LA | Ø18.2t | t2.0 | | LP-1200 |
| | | IN-5807SA | Ø23.0t | t0.7 | FOR STAINLESS PIPE | ST-1070 |
| | | IN-5811SA | Ø22.2t | t1.1 | | ST-1110 |


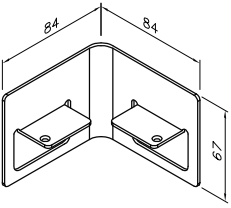
*Please inquire about the others our sales dept.


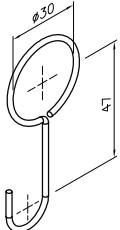
ACCESSORIES 부자재


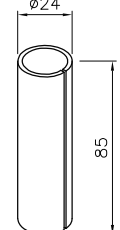
| | | | |
|----------------|-----------------------------------|--|---|
| MT-5110 | PIPE CLAMP-A 안장금구-A |  ■ 300pcs/box ■ 66g/pcs |  |
| MT-5111 | PIPE CLAMP-B 안장금구-B |  ■ 400pcs/box ■ 20g/pcs |  |
| MT-5112 | PIPE CLAMP-C 안장금구-C |  ■ 200pcs/box ■ 26g/pcs |  |
| MT-5113 | BOARD FIXING-A 판지고정금구-A |  ■ 150pcs/box ■ 62g/pcs |  |
| MT-5114 | BOARD FIXING-B 판지고정금구-B |  ■ 500pcs/box ■ 14g/pcs |  |
| MT-5116 | BOARD BRACKET-A 판지고정코너금구-A |  ■ 50pcs/box ■ 110g/pcs |  |


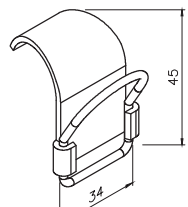
ACCESSORIES 부자재


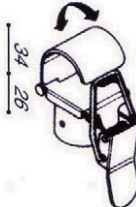
| | |
|---|---|
| MT-5117 | BOARD BRACKET-B 판지고정코너금구-B |
|  |  |
| ■ 50pcs/box ■ 72g/pcs | |


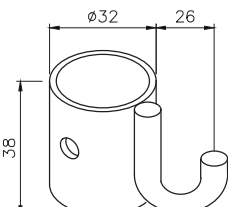
| | |
|--|---|
| MT-5118 | CORNER GUARD 코너금구 |
|  |  |
| ■ 20pcs/box ■ 176g/pcs | |


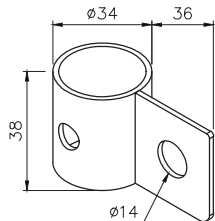
| | |
|--|--|
| MT-5120 | PIPE HANGER 파이프걸이 |
|  |  |
| ■ 500pcs/box ■ 8g/pcs | |

| | |
|---|--|
| MT-5123 | PIPE CONNECTOR 파이프연결금구 |
|  |  |
| ■ 150pcs/box ■ 74g/pcs | |


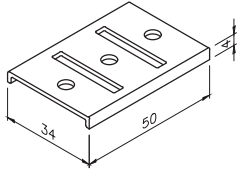
| | |
|---|---|
| MT-5125 | BAND HANGER 밴드걸이금구 |
|  |  |
| ■ 150pcs/box ■ 48g/pcs | |


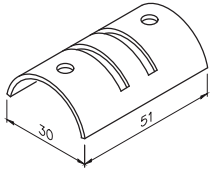
| | |
|--|---|
| MT-5126 | LOCK MOUNT 로크금구 |
|  |  |
| ■ 200pcs/box ■ 126g/pcs | |


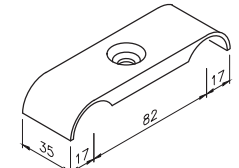
| | |
|---|---|
| MT-5127 | HANGER U-TYPE U형거 |
|  |  |
| ■ 100pcs/box ■ 70g/pcs | |


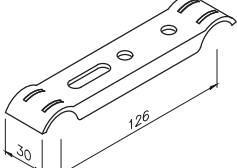
| | |
|--|---|
| MT-5128 | SHELF HINGE-A 개폐고리금구-A |
|  |  |
| ■ 100pcs/box ■ 94g/pcs | |


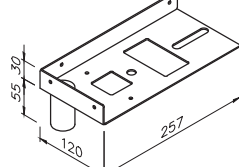
ACCESSORIES 부자재


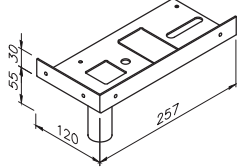
| | |
|---|---|
| MT-5130A | HANDLE FIXING-A 손잡이 고정금구-A |
|  |  |
| ■ 600pcs/box ■ 22g/pcs | |


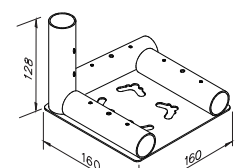
| | |
|--|---|
| MT-5130B | HANDLE FIXING-B 손잡이 고정금구-B |
|  |  |
| ■ 600pcs/box ■ 22g/pcs | |


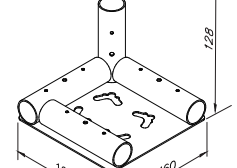
| | |
|--|--|
| MT-5109 | CASTER STRAP 캐스터지지금구 |
|  |  |
| ■ 150pcs/box ■ 106g/pcs | |

| | |
|---|--|
| MT-5109W | CASTER STRAP-W 캐스터지지금구-W |
|  |  |
| ■ 120pcs/box ■ 106g/pcs | |

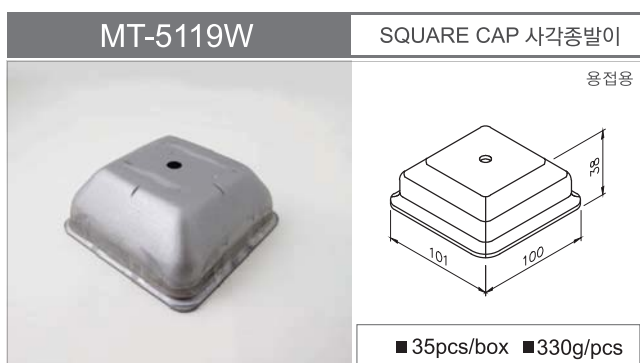
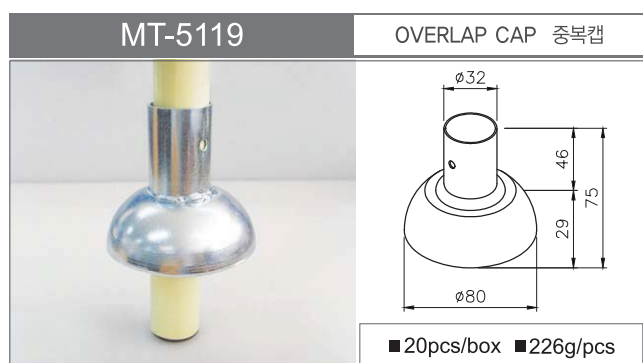
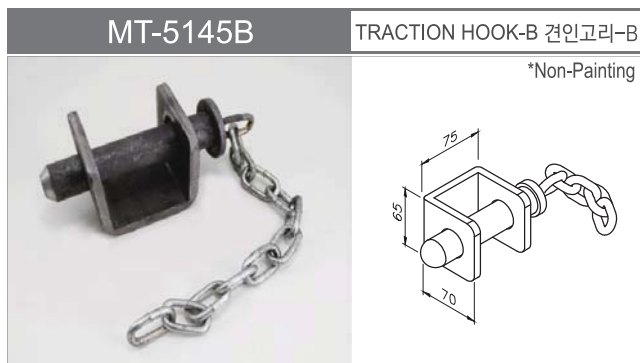
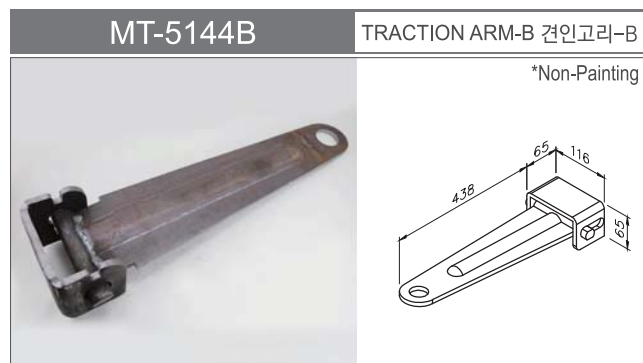
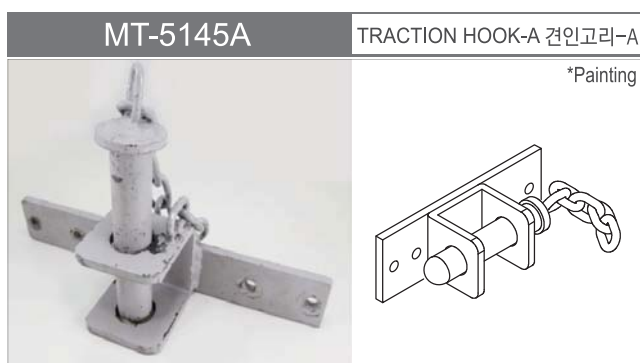
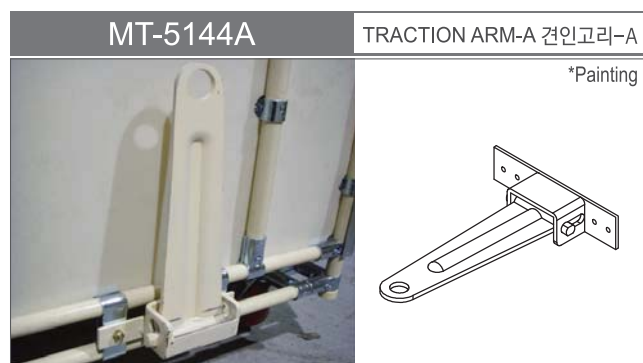
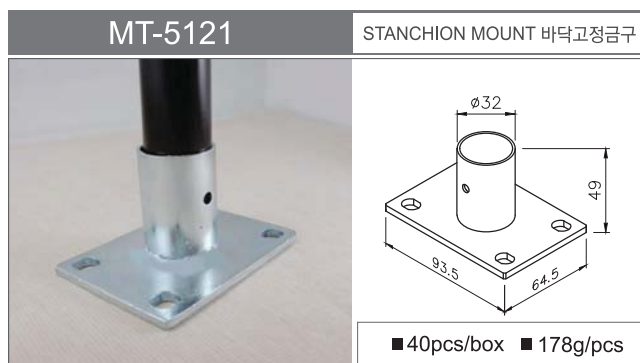
| | |
|---|---|
| MT-5138L | CORNER PLATE-L 손잡이보강금구-좌 |
|  |  |
| ■ 20pcs/box ■ 988g/pcs | |

| | |
|--|---|
| MT-5138R | CORNER PLATE-R 손잡이보강금구-우 |
|  |  |
| ■ 20pcs/box ■ 988g/pcs | |

| | |
|---|---|
| MT-5139L | CASTER PLATE-L 캐스터 코너 금구-좌 |
|  |  |
| ■ 10pcs/box ■ 1268g/pcs | |


| | |
|--|---|
| MT-5139R | CASTER PLATE-R 캐스터 코너 금구-우 |
|  |  |
| ■ 10pcs/box ■ 1268g/pcs | |

ACCESSORIES 부자재



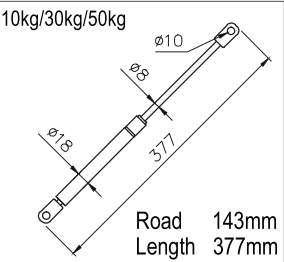
ACCESSORIES 부자재

MT-5143




GAS SPRING 개스스프링

10kg/30kg/50kg



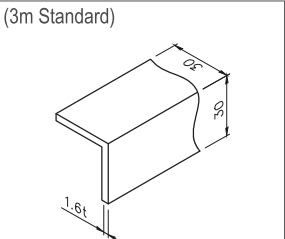
■ 100pcs/box ■ 222g/pcs

MT-5211



ZN PLATING ANGLE 아연도금앵글

(3m Standard)



■ 3m/bar ■ 2,250g/bar

MT-5147




SLIDE RAIL 슬라이드레일

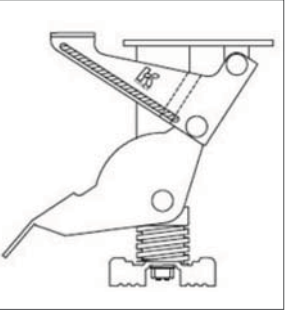


■ 654g/pcs

MT-5148



FLOOR LOCK



MT-5131











TOOL HANGER 공구걸이캡







■ 180pcs/box ■ 30g/pcs

FASTENER & TOOL 볼트, 너트,

| BOLTS |  |  |  |  |
|--------------|---|---|--|---|
| ITEM | WRENCH BOLT | BOLT | BOLT | BOLT |
| SPEC | M6 * 10 / 25 | M8 * 35 / 40 / 45 | M8 * 50 / 60 / 70 | M10 * 20 / 25 |
| PRODUCT CODE | WB-0610 / 0625 | BT-0835 / 0840 / 0845 | BT-0850 / 0860 / 0870 | BT-1020 / 1025 |


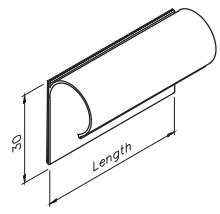

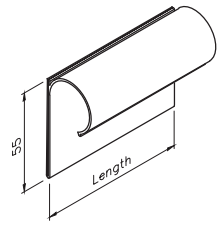

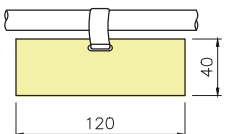

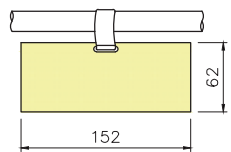

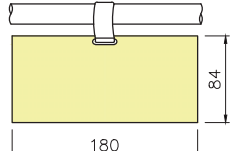

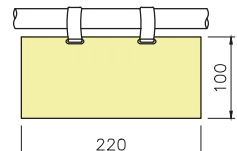

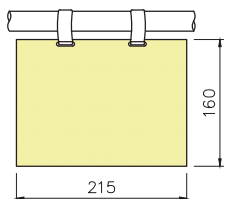

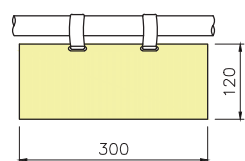

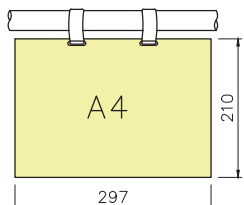

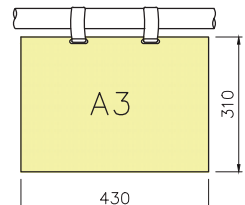
| BOLTS NUTS |  |  |  |  |
|--------------|---|---|--|---|
| ITEM | BOLT | BOLT | T NUT | NYLON NUT |
| SPEC | M12 * 20 / 25 | 1/2 * 50 | M6 | M8 / M10 / M12 |
| PRODUCT CODE | BT-1220 / 1225 | BT-1250 | NU-0600 | NN-0800 / 1000 / 1200 |

| SCREWS |  |  |  |  |
|--------------|---|---|--|---|
| ITEM | ROUND SCREW | FLAT SCREW | WIDE SCREW | NUT |
| SPEC | #8 * 19 / 25 / 32 | #8 * 19 / 25 / 32 | #10 * 20 | 1/2 |
| PRODUCT CODE | SR-0819 / 0825 / 0832 | SF-0819 / 0825 / 0832 | SW-1020 | NU-1200 |

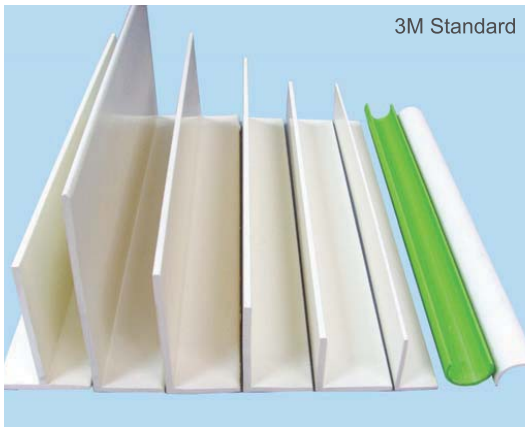
| WRENCH BIT |  |  |  |  |
|--------------|---|---|--|---|
| ITEM | WRENCH BIT | L-WRENCH BIT | DRIVER BIT | ADJUSTER WRENCH |
| SPEC | 5 X 70mm | 150mm | 65mm / 110mm | - |
| PRODUCT CODE | TL-4001 | TL-4003 | TL-4004 / 4005 | TL-4012 |

| TOOLS |  |  |  |  |
|--------------|---|---|--|---|
| ITEM | RUBBER HAMMER | DEBURRING CUTTER | METRIC TAPE MEASURE | ELECTRICITY IMPACT |
| SPEC | - | - | 3.5m | TOOL SET |
| PRODUCT CODE | TL-4006 | TL-4007 | TL-4008 | TL-4011 |

NAME PLATE 명판

| <div>LH-3010CS</div> <div></div> | <div></div> <div>■800pcs/box ■12g/pcs</div> | <table><tr><th>PRODUCT CODE</th><th>HEIGHT</th><th>LENGTH</th><th>WEIGHT</th><th>Q'TY</th></tr><tr><td>LH-3010CS</td><td rowspan="4">30mm</td><td>100</td><td>12g</td><td>800</td></tr><tr><td>LH-3015CS</td><td>150</td><td>18g</td><td>600</td></tr><tr><td>LH-3020CS</td><td>200</td><td>24g</td><td>400</td></tr><tr><td>LH-3030CS</td><td>300</td><td>36g</td><td>200</td></tr><tr><td>LH-5010CL</td><td rowspan="4">55mm</td><td>100</td><td>22g</td><td>400</td></tr><tr><td>LH-5015CL</td><td>150</td><td>33g</td><td>300</td></tr><tr><td>LH-5020CL</td><td>200</td><td>44g</td><td>200</td></tr><tr><td>LH-5030CL</td><td>300</td><td>66g</td><td>100</td></tr></table> | | | | PRODUCT CODE | HEIGHT | LENGTH | WEIGHT | Q'TY | LH-3010CS | 30mm | 100 | 12g | 800 | LH-3015CS | 150 | 18g | 600 | LH-3020CS | 200 | 24g | 400 | LH-3030CS | 300 | 36g | 200 | LH-5010CL | 55mm | 100 | 22g | 400 | LH-5015CL | 150 | 33g | 300 | LH-5020CL | 200 | 44g | 200 | LH-5030CL | 300 | 66g | 100 |
|---|---|---|---|------|--|--------------|--------|--------|--------|------|-----------|------|-----|-----|-----|-----------|-----|-----|-----|-----------|-----|-----|-----|-----------|-----|-----|-----|-----------|------|-----|-----|-----|-----------|-----|-----|-----|-----------|-----|-----|-----|-----------|-----|-----|-----|
| PRODUCT CODE | HEIGHT | LENGTH | WEIGHT | Q'TY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-3010CS | 30mm | 100 | 12g | 800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-3015CS | | 150 | 18g | 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-3020CS | | 200 | 24g | 400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-3030CS | | 300 | 36g | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-5010CL | 55mm | 100 | 22g | 400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-5015CL | | 150 | 33g | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-5020CL | | 200 | 44g | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LH-5030CL | | 300 | 66g | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>LH-5010CL</div> <div></div> | <div></div> <div>■400pcs/box ■22g/pcs</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>NP-0120</div> <div></div> | <div></div> <div>■3000pcs/box ■6g/pcs</div> | <div>NP-0152</div> <div></div> | <div></div> <div>■2500pcs/box ■12g/pcs</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>NP-0180</div> <div></div> | <div></div> <div>■1000pcs/box ■20g/pcs</div> | <div>NP-0220</div> <div></div> | <div></div> <div>■700pcs/box ■30g/pcs</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>NP-0215</div> <div></div> | <div></div> <div>■700pcs/box ■48g/pcs</div> | <div>NP-0300</div> <div></div> | <div></div> <div>■700pcs/box ■50g/pcs</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>NP-0307</div> <div></div> | <div></div> <div>■300pcs/box ■94g/pcs</div> | <div>NP-0430</div> <div></div> | <div></div> <div>■100pcs/box ■170g/pcs</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PLASTIC ANGLES & COVERS 플라스틱 앵글

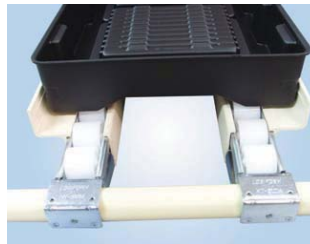


■ T - TYPE ■ L - TYPE ■ PIPE COVER (IV,GR,GN)

| TYPE | SIZE | PRODUCT CODE | A | B | C | OLD PRODUCT CODE | WEIGHT |
|------------|------|--------------|-----|-----|----|------------------|----------|
| L TYPE | | PA-2350T3 | 30 | 50 | t3 | PA-2501 | 340g/m |
| | | PA-2890T3 | 80 | 90 | t3 | PA-2502 | |
| | | PA-2550T4 | 50 | 50 | t4 | PA-2503 | 586g/m |
| | | PA-2575T4 | 50 | 75 | t4 | PA-2503A | 706g/m |
| | | PA-2510T4 | 50 | 100 | t4 | PA-2504 | 833g/m |
| | | PA-2515T4 | 50 | 150 | t4 | PA-2505 | 1,180g/m |
| T TYPE | | PA-3510T3 | 50 | 100 | t3 | PA-2506 | 793g/m |
| | | PA-3160T5 | 100 | 60 | t5 | PA-2507 | 1,106g/m |
| Pipe Cover | | PA-4028T3 | - | - | t3 | PA-2509 | 213g/m |

* Please inquire about the others to our sales dept.

GUIDE RAILS 가이드 레일



① GUIDE RAIL TYPE "A"

② GUIDE RAIL TYPE "B"

③ GUIDE RAIL TYPE "C"

| TYPE | TYPE "A" | TYPE "B" | TYPE "C" |
|-----------------|----------------|----------|----------|
| DRAWING | | | |
| PRODUCT CODE | PA-401A | PA-402A | PA-403C |
| PRODUCT WEIGHT | 506g/m | 806g/m | 673g/m |
| STANDARD LENGTH | 3 M (Standard) | | |

BOARDS, SHEETS (보드, 시트)

BOARDS / SHEETS SPECIFICATION

| ITEM (구분) | | | SIZE | THICKNESS | COLOR | CHARACTERISTICS (특성) | PRODUCT CODE |
|--------------------------------|---------|---|------------------------|--------------|---------------------------|---|------------------------|
| BOARDS (판지) | PLASTIC | PP BOARD (PP) | 1200*2400 | t5, t7 | WHITE | Chemical Resistance(내화학성) Oil Resistant(내유성) | PP-051224 PP-071224 |
| | | Poly Vinyl Acetate (PVC) | 1200*2400 | t5, t7 | BROWN | Smooth Skin(매끄러운외피) Incombustibility(난연성) Insulation(절연성) | PV-051224 PV-071224 |
| | | Plastic Corrugated Sheet (DANPLA) | 1500*2000 | t5, t9 | IVORY, GREEN, BLACK, BLUE | Low price(저가) Light weight(경량) Various colors(다양한색상) | DP-051520 DP-091520 |
| | | Fomax (포맥스) | 1200*2400 | t5, t8 | BLUE WHITE | Light weight(경량) easy to produce(가공용이) | FM-051224 FM-081224 |
| | | Bakelite (베이클라이트) | 1000*1000 1000*2000 | t5, t8, t12 | BROWN BLACK | High strength(고강도) Fine Insulation(미세한 절연치) | BK-051010 BK-081010 |
| | | Poly Carbonate (PC) | 1200*2400 | t3~t5 | TRANSPARENT (투명) | easy to produce(가공용이) High strength(고강도) | PC-031224 PC-051224 |
| | | Acryl (아크릴) | 1000*2000 | t3, t5, t8 | TRANSPARENT (투명) | | AC-051020 AC-081020 |
| | WOOD | Medium Density Fiberboard (MDF) | 1200*2400 | t9, t12, t15 | | Low price(저가) | MD-091224 MD-121224 |
| | | Particle Board (PB) | 1200*2400 | t15, t30 | | Coated wood (가구용 코팅 목재) | PB-151224 PB-301224 |
| | | Ply Wood (합판) | 1200*2400 | t9, t12, t15 | | easy to produce(가공용이) High strength(고강도) | PW-091224 PW-121224 |
| MATS (매트) | MAT | ESD Mat (정전MAT) | W600*10M | t2 | GREEN GRAY | Adhesive / Inadhesive (판재상부 부착용) | EM-060010 |
| | | | W900*10M | | | | EM-090010 |
| | | | W1000*10M | | | | EM-100010 |
| | | | W1200*10M | | | | EM-120010 |
| | | General Mat (일반MAT) | W1200*30M | | GREEN | | GM-120030 |
| PROTECTION OF GOODS (제품보호제) | FABRIC | Non Woven Fabric (부직포) | W1500*100M | | GRAY | Prevent to scratch (스크래치 방지) | NW-150100 |
| | | Suede (스웨이드) | W25*20M | | | | SD-W02520 |
| | | | W55*20M | | | | SD-W05520 |
| | | | W1400*10M | | | | SD-W14010 |
| | | | | | | | |
| FOAMS (폼) | SPONGE | Ethylene Vinyl Acetate (EVA) | | | | Prevent to scratch (스크래치 방지) Shock absorption (충격흡수) | |
| | | Poly Urethane (PU) | | | | | |
| | | Ethylene Propylene Diene Monomer (EPDM) | | | | | |
| | | Board (1500, 2000) (영보드) | | | | | |
| | | Poly Ethylene (PE) | | | | | |
| | | Chloroprene Rubber (CR) | | | | | |

* Please inquire about the others to our sales dept.

BOARDS, SHEETS (보드, 시트)



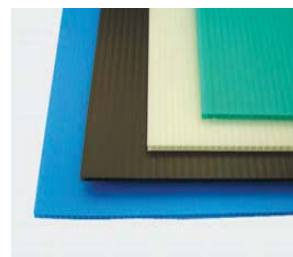
P . P



BAKELITE



FOMAX



PLASTIC CORRUGATED SHEET
(DANPLA)



GENERAL MAT



ESD MAT



NON WOVEN FABRIC



SUEDE



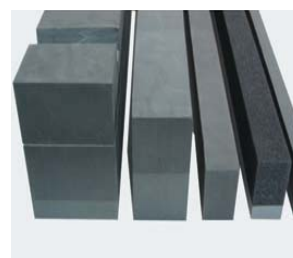
MDF



PB BOARD

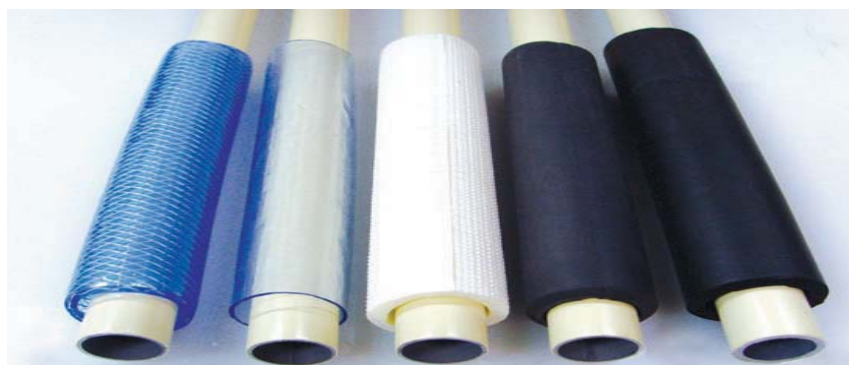


PLY WOOD



FOAM (SPONGE)

PROTECTION HOSES 제품보호호스



①

②

③

④

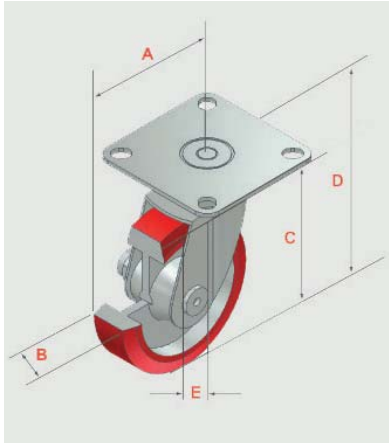
⑤

| NO | ITEM | NAME | REMARK | PRODUCT CODE | STANDARD SPEC |
|----|---------------------|--------------|---------------|--------------|---------------|
| ① | Yarned Rubber Hoses | 편사호스 | PVC | TH-0001 | 45M |
| ② | Transparent Hoses | 투명호스 | PVC | TH-0002 | 45M |
| ③ | ATILON Hoses | 아티론 호스 | ATILON | TH-0003 | 4M |
| ④ | Rubber Hoses | 고무호스 | RUBBER (hard) | TH-0004 | 2M |
| ⑤ | EPDM Foam Hoses | EPDM 발포고무 호스 | RUBBER (soft) | TH-0005 | 2M |

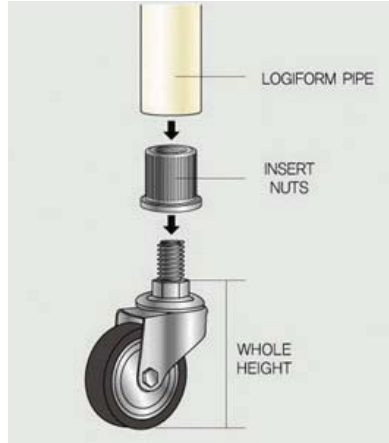
* Please inquire about the others to our sales dept.

SPECIFICATION

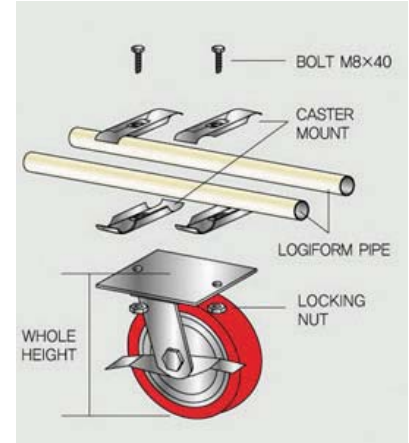
■ DIMENSION



■ BOLT TYPE



■ PLATE TYPE



| ITEM | | OPTION | DIAMETER “C” | WIDTH “B” | SWIVEL “A” | HEIGHT “D” | SIZE OF STEM | LOAD CAPACITY | PRODUCT CODE | PRODUCT WEIGHT | |
|--------------------------------|----|------------|-----------------|--------------|---------------|---------------|---|---------------------------------------|-----------------|-------------------|--------|
| Light Duty BOLT (경량) | 2″ | Swivel | 2″ (50mm) | 20mm | 44mm | 72mm | 1/2″ | 35 Kg | CT-702S | 146g | |
| | | Swivel-BRK | | | | | | | CT-702B | 176g | |
| | 3″ | Swivel | 3″ (75mm) | 32mm | 60mm | 105mm | 5/8″ | 80 Kg | CT-703S | 692g | |
| | | Swivel-BRK | | | | | | | CT-703B | 750g | |
| | 4″ | Swivel | 4″ (100mm) | 32mm | 89mm | 135mm | 5/8″ | 100 Kg | CT-704S | 798g | |
| | | Swivel-BRK | | | | | | | CT-704B | 890g | |
| Light Duty PLATE (경량) | 3″ | Rigid | 3″ (75mm) | 32mm | 73mm | 104mm | Plate 95*65 Hole (12.6*8.5mm) | 100 Kg | CT-713RL | 504g | |
| | | Swivel | | | | | | | CT-713SL | 800g | |
| | | Swivel-BRK | | | | | | | CT-713BL | 862g | |
| | 4″ | Rigid | 4″ (100mm) | 32mm | 89mm | 128mm | | 105 Kg | CT-714RL | 610g | |
| | | Swivel | | | | | | | CT-714SL | 906g | |
| | | Swivel-BRK | | | | | | | CT-714BL | 996g | |
| Heavy Duty PLATE (중량) | 4″ | Rigid | 4″ (100mm) | 38mm | 89mm | 136mm | Plate 114*86 Hole (15.5*10mm) | 200 Kg | CT-714RH | 1,078g | |
| | | Swivel | | | | | | | CT-714SH | 1,290g | |
| | | Swivel-BRK | | | | | | | CT-714BH | 1,410g | |
| | 5″ | Rigid | 5″ (127mm) | 42mm | 99mm | 165mm | | Plate 120*102 Hole (19*10mm) | 310 Kg | CT-715RH | 1,698g |
| | | Swivel | | | | | | | | CT-715SH | 2,040g |
| | | Swivel-BRK | | | | | | | | CT-715BH | 2,272g |
| | 6″ | Rigid | 6″ (152mm) | 45mm | 117mm | 190mm | 330 Kg | | CT-716RH | 1,938g | |
| | | Swivel | | | | | | | CT-716SH | 2,274g | |
| | | Swivel-BRK | | | | | | | CT-716BH | 2,522g | |
| Cushion PLATE (완충) | 6″ | Rigid | 6″ (152mm) | 50mm | 126mm | 200mm | Plate 114*158 Hole (26.5*14mm) | 360 Kg | CT-716RC | 3,414g | |
| | | Swivel | | | | | | | CT-716SC | 4,070g | |
| | | Swivel-BRK | | | | | | | CT-716BC | 4,478g | |

* Please inquire about the others to our sales dept.

LOGIFORM

CASTERS (캐스터)

LIGHT DUTY CASTERS (BOLT TYPE) 경량캐스터



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-702S | 2" | Swivel (회전) | 35Kg |
| CT-702B | 2" | Swivel-BRK (회전브레이크) | 35Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-703S | 3" | Swivel (회전) | 80Kg |
| CT-703B | 3" | Swivel-BRK (회전브레이크) | 80Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-704S | 4" | Swivel (회전) | 100Kg |
| CT-704B | 4" | Swivel-BRK (회전브레이크) | 100Kg |

LIGHT DUTY CASTERS (PLATE TYPE) 경량캐스터



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|-------------|---------------|
| BC-701S | 1" | Swivel (회전) | 20Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-713RL | 3" | Rigid (고정) | 100Kg |
| CT-713SL | 3" | Swivel (회전) | 100Kg |
| CT-713BL | 3" | Swivel-BRK (회전브레이크) | 100Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-714RL | 4" | Rigid (고정) | 105Kg |
| CT-714SL | 4" | Swivel (회전) | 105Kg |
| CT-714BL | 4" | Swivel-BRK (회전브레이크) | 105Kg |

LIGHT DUTY CASTERS (ESD TYPE) 도전성 캐스터 ⚡



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-712RE | 2" | Rigid (고정) | 35Kg |
| CT-712SE | 2" | Swivel (회전) | 35Kg |
| CT-712BE | 2" | Swivel-BRK (회전브레이크) | 35Kg |

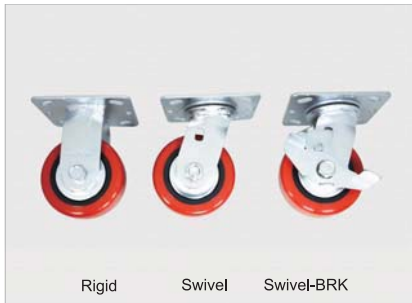


| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-713RE | 3" | Rigid (고정) | 80Kg |
| CT-713SE | 3" | Swivel (회전) | 80Kg |
| CT-713BE | 3" | Swivel-BRK (회전브레이크) | 80Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-714RE | 4" | Rigid (고정) | 100Kg |
| CT-714SE | 4" | Swivel (회전) | 100Kg |
| CT-714BE | 4" | Swivel-BRK (회전브레이크) | 100Kg |

HEAVY DUTY CASTERS (PLATE TYPE) 중량캐스터



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-714RH | 4" | Rigid (고정) | 200Kg |
| CT-714SH | 4" | Swivel (회전) | 200Kg |
| CT-714BH | 4" | Swivel-BRK (회전브레이크) | 200Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-715RH | 5" | Rigid (고정) | 310Kg |
| CT-715SH | 5" | Swivel (회전) | 310Kg |
| CT-715BH | 5" | Swivel-BRK (회전브레이크) | 310Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-716RH | 6" | Rigid (고정) | 330Kg |
| CT-716SH | 6" | Swivel (회전) | 330Kg |
| CT-716BH | 6" | Swivel-BRK (회전브레이크) | 330Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-714RH | 4" | Rigid (고정) | 200Kg |
| CT-714SH | 4" | Swivel (회전) | 200Kg |
| CT-714BH | 4" | Swivel-BRK (회전브레이크) | 200Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-715RH | 5" | Rigid (고정) | 310Kg |
| CT-715SH | 5" | Swivel (회전) | 310Kg |
| CT-715BH | 5" | Swivel-BRK (회전브레이크) | 310Kg |



| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|--------------|------|---------------------|---------------|
| CT-716RH | 6" | Rigid (고정) | 330Kg |
| CT-716SH | 6" | Swivel (회전) | 330Kg |
| CT-716BH | 6" | Swivel-BRK (회전브레이크) | 330Kg |

CUSHION CASTERS (PLATE TYPE) 완충캐스터

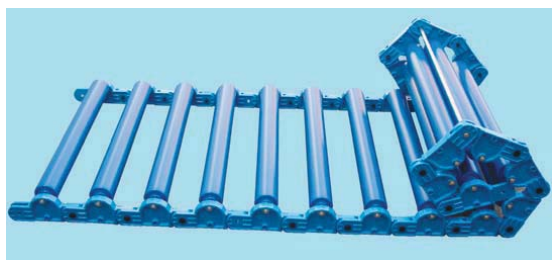


| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|---------------|------|---------------------|---------------|
| CT-716RC (DW) | 6" | Rigid (고정) | 360Kg |
| CT-716SC (DW) | 6" | Swivel (회전) | 360Kg |
| CT-716BC (DW) | 6" | Swivel-BRK (회전브레이크) | 360Kg |

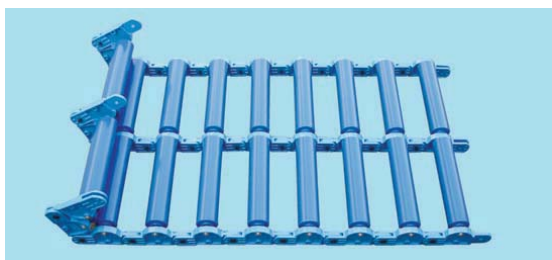


| PRODUCT CODE | SIZE | OPTION | LOAD CAPACITY |
|---------------|------|---------------------|---------------|
| CT-726RC (PC) | 6" | Rigid (고정) | 380Kg |
| CT-726SC (PC) | 6" | Swivel (회전) | 380Kg |
| CT-716BC (PC) | 6" | Swivel-BRK (회전브레이크) | 380Kg |

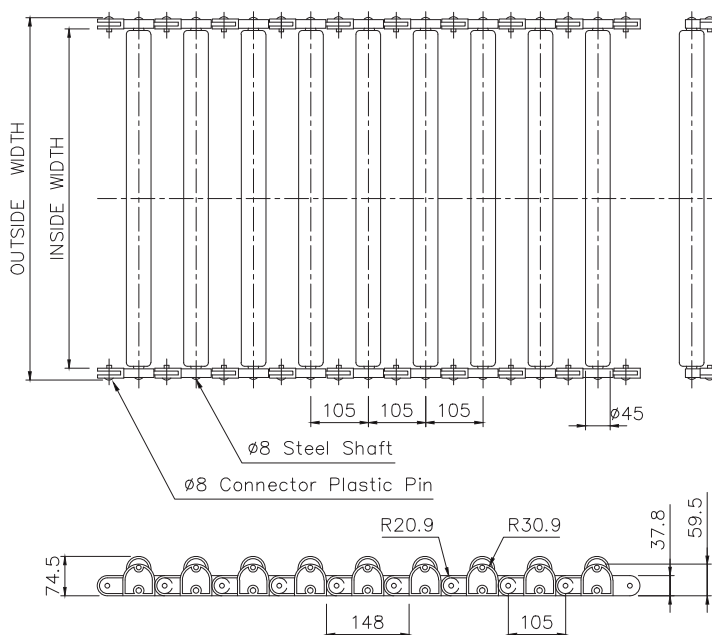
MAT CONVEYORS (매트 컨베어)



MC-8001



MC-8002



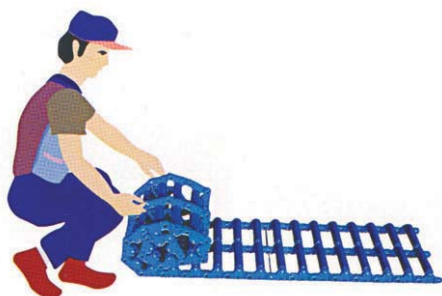
| PRODUCT CODE | LOAD (kg/m) | WIDTH(mm) | | HEIGHT | PITCH (mm) | WEIGHT (kg/m) |
|------------------|-------------|-----------|-------------|--------|------------|---------------|
| | | INSIDE | OUTSIDE(mm) | | | |
| MC-8001 (single) | 200 | 455 | 497 | 75 | 105 | 5.4 |
| MC-8002 (double) | 400 | 455 | 497 | 75 | 105 | 6.8 |

- MAT CONVEYOR SERIES are made with durable ABS engineering resin rollers.
- MAT CONVEYOR SERIES are lighter than steel roller conveyor, which are ideally suited for urgent carrying and temporary transport without needing extra equipment.

- 매트 컨베어 시리즈는 견고한 ABS 엔지니어링 수지로 만들어 졌습니다.
- 매트 컨베어 시리즈는 철재 컨베어보다 아주 가벼우며, 별도의 장비가 없더라도 긴급한 운반이나 임시 운반에 아주 이상적입니다.

- MAT CONVEYOR SERIES are extremely portable, easily folded and unfolded anywhere they are needed.
- MAT CONVEYOR SERIES save valuable floor space and costs.
- MAT CONVEYOR SERIES can be produced as per your requirement by controlling width and length as you want.

- 매트 컨베어 시리즈는 휴대하기 좋으며 쉽게 어떠한 장소에서도 연결 및 분리 할 수 있습니다.
- 매트 컨베어 시리즈는 고가의 대지를 아끼고 비용을 절약합니다.
- 매트 컨베어 시리즈는 당신이 원하는 대로 만들 수 있습니다.
폭과 길이를 마음대로 조절할 수 있습니다.



TECHNICAL SPECIFICATIONS (기술사양)

Manufacture Process (제작순서)

In order to manufacture pipes, joint's materials, piling-up vehicles, piling-up stand and sliding rack, etc as per customer's purpose and concept. it's necessary to keep sequence and check points as the following;

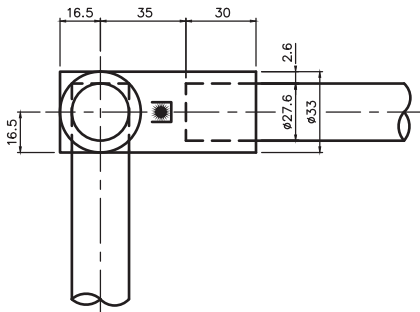
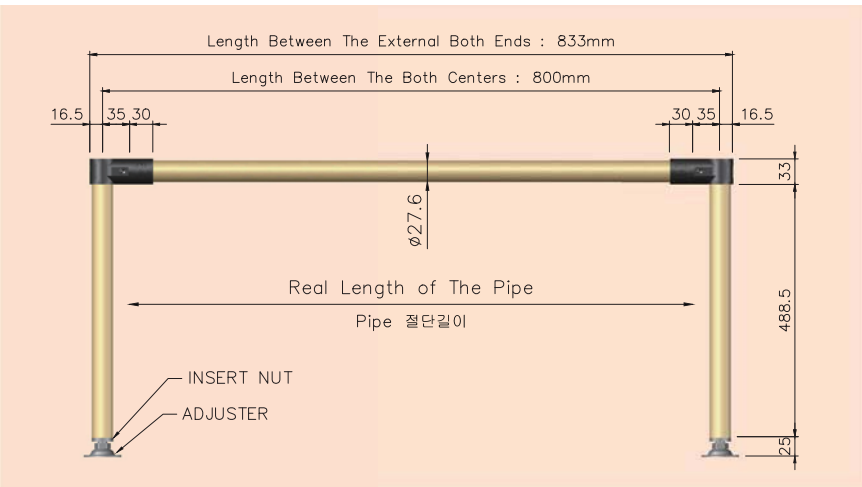
PIPE 와 JOINT를 사용하여 대차, 적치대, 슬라이딩랙 등을 제작하는 경우, 그 목적 및 구상대로 제작하려면 다음의 순서와 체크가 필요합니다.



Calculating the lengths of pipes (파이프 절단)

How to calculate practical length of pipe is mentioned as below in consideration of length of pipe to be inserted into joint. Take into consideration of length between the both of joint centers, calculate practical pipe's length.

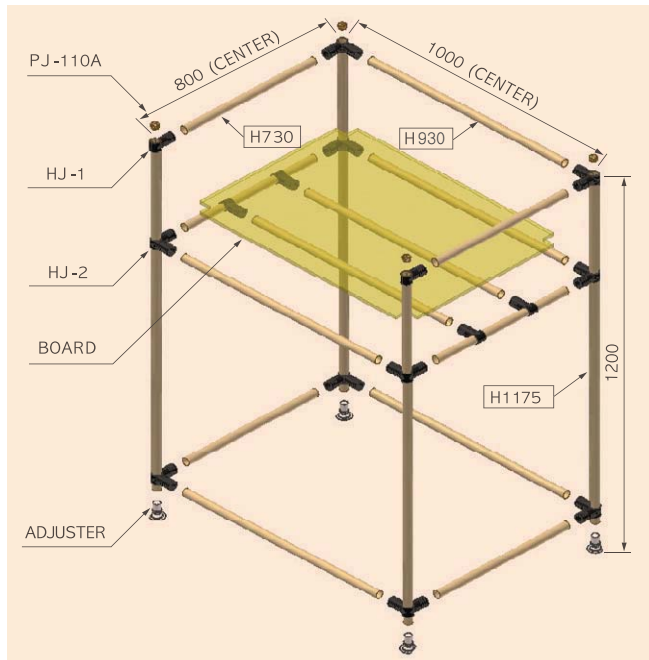
구조물의 파이프의 길이 계산방법은 조인트와 파이프 삽입공간을 고려하여 아래의 그림과 공식에 따라 계산합니다. 기준은 중심과 중심까지의 길이이고 이 기준으로 파이프의 길이를 계산합니다.



| | | | |
|-------------|-----|---|------------------------|
| Horizontal | 800 | - Length between the both centers | - 중심에서 중심까지의 길이 |
| Calculating | -70 | - Total length between each end of the pipe and each center of joint (35mmx2) | - 파이프 끝에서 조인트 중심까지의 길이 |
| The Lengths | — | - The practical length of the pipe to be cutted | - 파이프 절단길이 |
| (수평길이계산) | 730 | | |

| | | | |
|-------------|------|--|---------------------------|
| Vertical | 530 | Length between the both centers | - 바닥에서 상측 중심까지 길이 |
| Calculating | -25 | Length between the end of pipe and the end of adjust | - Adjuster 높이 (Bushing포함) |
| The Lengths | 16.5 | Length between the center and the surface of joint | - 파이프 중심에서 조인트 상부 |
| (수직길이계산) | 522 | The practical length of the pipe to be cutted | - 파이프 절단길이 |

*AN EXAMPLE OF A SHELF (제작예)



* The under mentioned picture is a real drawing of the structure indicating pipe's length and composed factor of joints

* The sizes of structure : 800(Width) X 1000(Length) X 1200(Height) (H means real length of pipe)

* 그림은 파이프 길이 및 조인트 구성 요소를 표기하는 구조물 분해도입니다.

* 구조물 치수(중심치수) : 800(폭) X 1000(길이) X 1200(높이) (H는 실제파이프 길이임)

CAPACITY (제품 강도)

*PIPES & JOINTS

Like other materials such as steel, aluminum and SUS, the strength of Logiform structures rely on the design and assembly techniques. In case of establishing structures with LOGIFORM pipes, proper strength to fit its utility objective and safety must be considered to design.

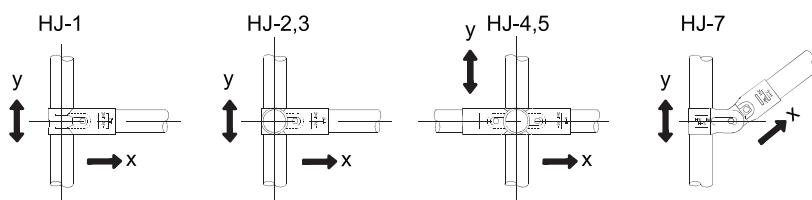
PIPE & JOINT는 다른 재료(STEEL, SUS, ALUMINUM)등과 같은 파이프와 조인트의 연결법에 의해서 강도가 달라집니다.

PIPE & JOINT로 구조물을 제작하는 경우 그 구조물의 사용 목적에 맞는 적절한 강도를 얻을 수 있도록 설계하고 안정성을 고려 하여야 합니다.

*Maximum holding strength of Joints (메탈 조인트)

Max. Holding strength of Logiform Pipe attached with metal joints against horizontal

메탈 조인트를 로지폼 파이프에 연결하여 수직 및 수평에 인장하중을 가한 경우



* Test Condition (시험 조건)
Test Speed (인장속도) : 5mm/min
Temperature (온 도) : 23°C

| Direction | COATED PIPES | STAINLESS PIPES |
|-----------|--------------|-----------------|
| X | 75 Kg | 75 Kg |
| Y | 85 Kg | 85 Kg |

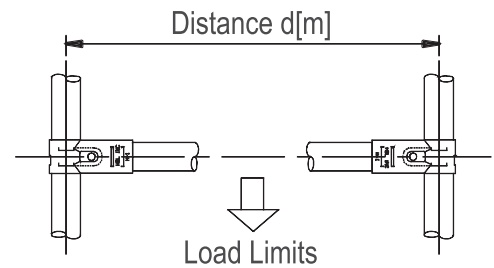
TECHNICAL SPECIFICATIONS (기술사양)

*Proportional margin Load of Pipes (파이프 간격에 따른 비례허용한계 하중)

| Logiform Pipe (t1) | | | | | | | |
|--------------------|--------------|------|------|------|------|------|------|
| | 기동간의 길이 d[m] | | | | | | |
| | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 |
| LOAD | 68kg | 55kg | 46kg | 39kg | 34kg | 30kg | 27kg |

| Logiform Pipe (t2) | | | | | | | |
|--------------------|--------------|-------|-------|------|------|------|------|
| | 기동간의 길이 d[m] | | | | | | |
| | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 |
| LOAD | 150kg | 123kg | 100kg | 88kg | 75kg | 68kg | 62kg |

* Test Condition (시험 조건)
 Test Speed (인장속도) : 5mm/min
 Temperature (온도) : 23℃



※ The proportional margin load means the maximum load within which an original shape can be recovered by removing the load.

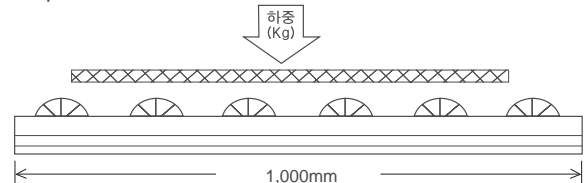
※비례한계하중은 하중을 없애면 원래의 형상으로 되돌아 갈 수 있는 최대하중입니다.

*Maximum Permissible Loads of PLACONS (플라콘)

Bending Strength for Roller Track (플라콘 분포 하중 테스트)

| TYPE | SIZE | SPACING | LOAD |
|--------|------|---------|---------|
| 40TYPE | 30Φ | 1,000mm | 100 kgf |
| 60TYPE | 30Φ | | 115 kgf |
| 60TYPE | 16Φ | | 105 kgf |
| 73TYPE | 34Φ | | 215 kgf |
| 73TYPE | 18Φ | | 225 kgf |

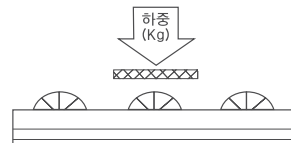
* Test Condition(시험 조건)
 Test Speed:5mm/min
 Temperature(온도):23℃



Compression Strength of Wheel Subassembly (롤러 압축 하중 테스트)

| TYPE | SIZE | LOAD |
|--------|------|---------|
| 40TYPE | 30Φ | 170 kgf |
| 60TYPE | 30Φ | 240 kgf |
| 60TYPE | 16Φ | 145 kgf |
| 73TYPE | 34Φ | 520 kgf |
| 73TYPE | 18Φ | 165 kgf |

* Test Condition(시험 조건)
 Temperature(온도):23℃



※Limits of temperature for actual use (실사용의 온도 범위)

The temperature for actual use of ABS Resin utilized at PIPE & JOINT is limited within -10~80℃, therefore please avoid where the temperature extents its limits, or neat or fire.

Pipe & Joint에 사용하고 있는 ABS 수지의 실사용 온도는 -10~80℃로 되어 있어 그 범위를 넘는 곳이나 화기 옆에서의 사용은 피해 주십시오.

APPLICATION

AUTOMOTIVE INDUSTRY

(자동차산업)



01 STORE RACK



02 DOOR RACK



03 IN PANNEL CART



04 GLOVE BOX CART



05 IN PANEL CART



06 MOVING CART FOR GLOVE BOX



07 MOVING CART FOR HEAD LINING



08 RACK FOR PAINTED FENDER



09 PACK FOR BRAKE PARTS



10 MOVING CART FOR DUCT



11 MOVING CART FOR EVA



12 RACK FOR LINE



13 LINE RACK



14 MOVING CART FOR DOOR TRIM PICKING



15 MOVING CART FOR DOOR LOCK

APPLICATION

AUTOMOTIVE INDUSTRY

(자동차산업)



16 RACK FOR PAINTED PARTS



17 MOVING CART FOR DOOR LOCK



18 MOVING CART FOR AIRBAG



19 RACK FOR PAINTED TRUNK



20 MOVING CART (INSERT BOX) DOOR MODULE



21 MOVING CART FOR HEATER CASE



22 RACK FOR PAINTED BACK DOOR



23 MOVING CART FOR DOOR GLASS



24 MOVING CART FOR DOOR TRIM



25 MOVING CART FOR REAR LAMP



26 EVA O.S. TROLLEY



27 ONE SIDE MOVING CART



28 MOVING CART FOR REAR LAMP



29 MOVING CART FOR BOARDS



30 MOVING CART FOR TV FRONT

APPLICATION

ELECTRONIC INDUSTRY

(전자산업)



01 MAGAJIN RACK



02 MOVING RACK



03 COMBINED CART



04 MOVING CART FOR LCD PANEL



05 WORK TABLE



06 ASSEMBLING WORK TABLE FOR M.P



07 RACK FOR RAW MATERIAL



08 WORK TABLE



09 MOVING CART (L RESIN)



10 CELLLINE RACK



11 MOVING CART FOR DECK



12 MOVING CART (L RESIN)



13 TOP COVER CART



14 MOVING CART FOR LCD PANEL



15 MOVING CART FOR LCD

APPLICATION

ELECTRONIC INDUSTRY

(전자산업)



16 MOVING CART FOR LCD



17 MOVING CART FOR LCD



18 OPEN CART



19 DRAWER-STYLE MOVING CART



20 VERTICAL OPEN-SHUT MOVING CART



21 OPEN-SHUT CART



22 MOVING CART FOR AGING



23 ASSEMBLING LINE



24 MOVING CART FOR PREVENTING DIRT



25 DISPLAY TABLE



26 MOVING CART (FOR BOTTOM SASH)



27 MOVING CART FOR PCB



28 MOVING CART FOR PCB (INSERT BOX)



29 MOVING CART FOR PCB (INSERT BOX)



30 MOVING CART FOR LCD PANEL

APPLICATION

OTHER INDUSTRY

(기타산업)



01 RACK (WOOD)



02 RACK (P.P)



03 RACK (P.P)



04 WATER BOTTLE RACK



05 WATER BOTTLE RACK



06 WATER BOTTLE RACK



07 MOVING TABLE



08 CLEANING TOOL HANGER



09 SLIDING TABLE



10 MOVING CART



11 CART FOR STORE



12 TABLE FOR FLOWER POT



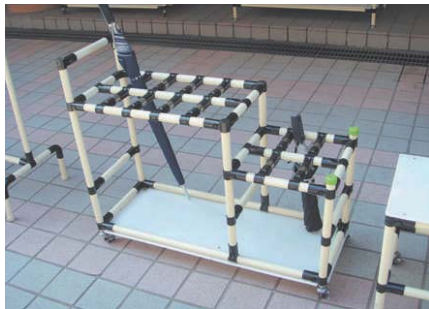
13 MULTI STAGE CART



14 WARE HOUSE RACK



15 MINI CART



16 UMBRELLA HANGER



17 ROTATE NOTICE BOARD



18 NOTICE BOARD



19 CART FOR HELMET



20 STAINLESS CART



21 MOVING CART



22 RACK STORAGE



23 MINI RACK



24 PLACON STORAGE



25 FOLDING STYLE MOVING CART



26 MOVING CART FOR EGG



27 DISPLAY TABLE



28 PALLET RACK



29 LABEL KEEPING RACK



30 WAREHOUSE RACK