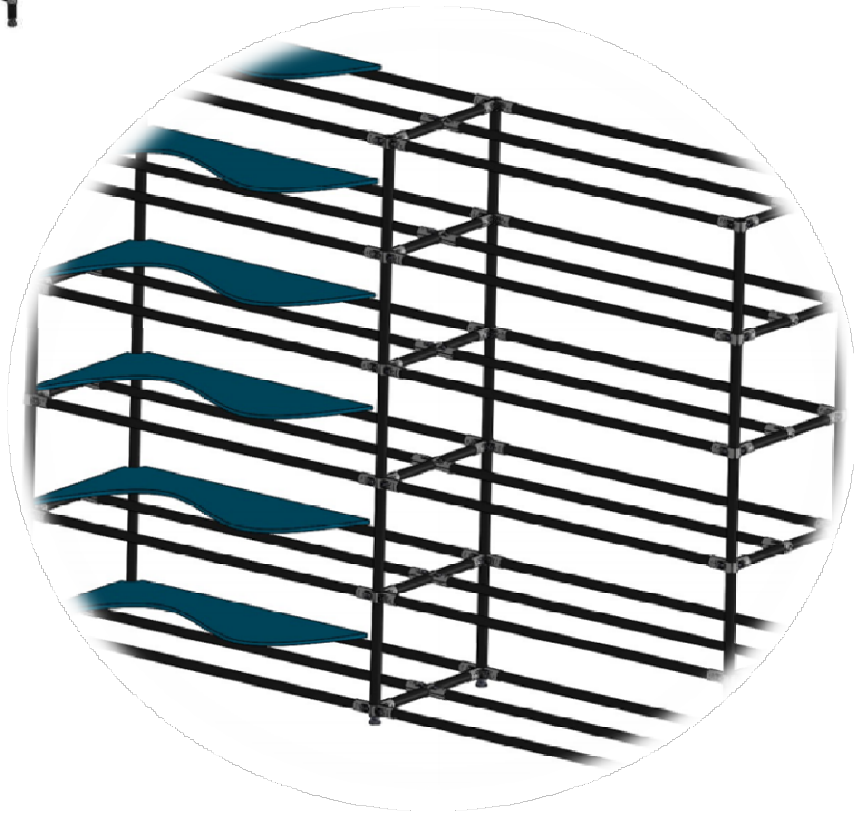
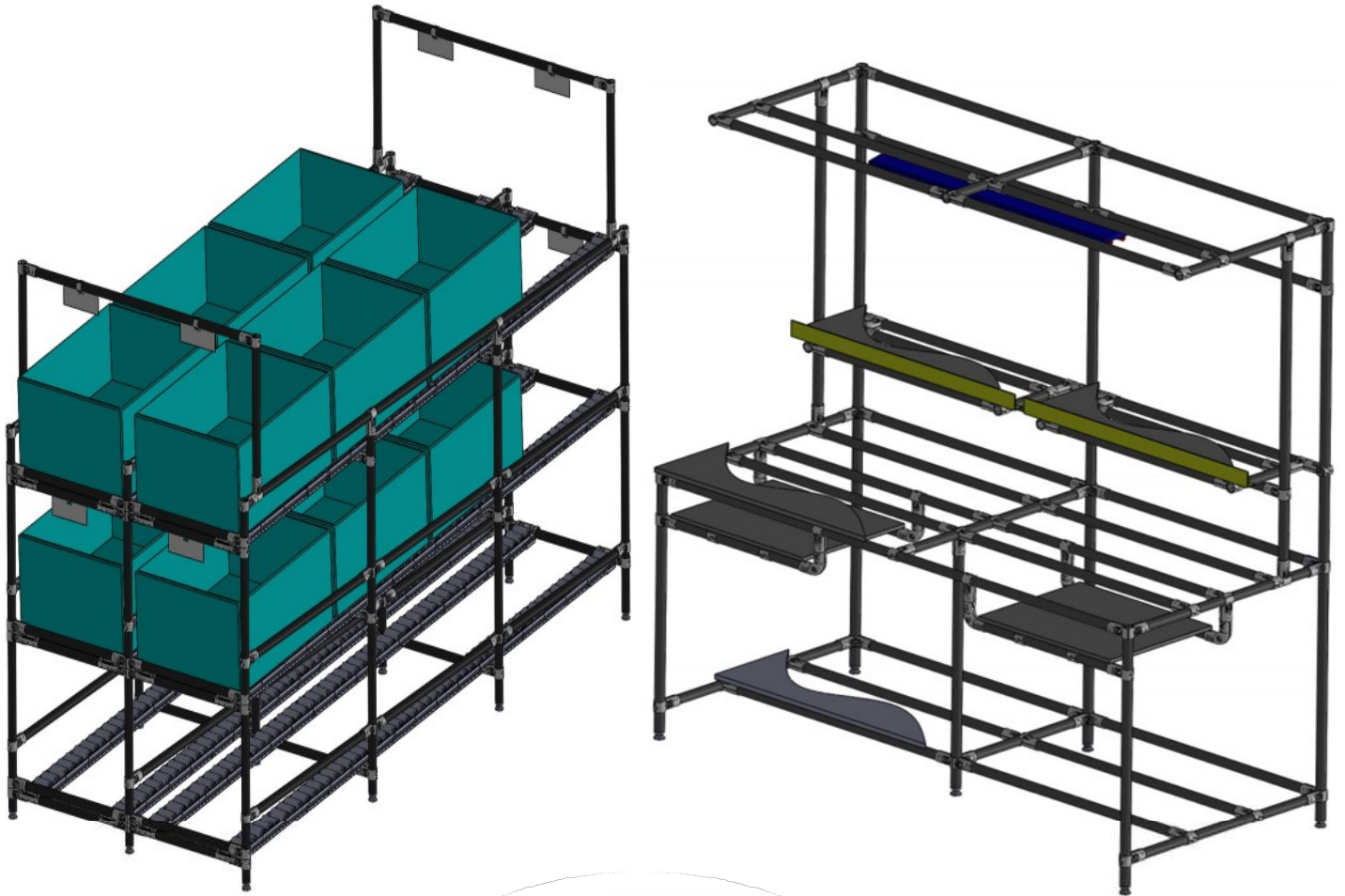


LOGIFORM



LOGIFORM

(주)피제이시스템

국제 품질 표준 인증서



GSI® Certificate
Trust & Competence

품질경영시스템
(주)피제이시스템

경기도 화성시 장안면 3.1만세로281번길 135

글로벌표준협회는 위 조직의 품질경영시스템이 표준과 인증범위에 적합함을 인증합니다.

ISO 9001:2015

인증범위

- 파이프, 금속조인트, 플라스틱조인트, 플러트랙, 마운팅브라켓 및 부품 (헬, 캐스터, 피트, 캡, 부상 및 텍스타)의 제조
- 플라스틱사출금형의 설계, 개발 및 제조

인증번호 : GQ1968 최초인증일 : 2025년 11월 18일
인 증 일 : 2025년 11월 18일 만 료 일 : 2028년 11월 17일
IAF CODE : 17

※ 본 인증서는 이전 심사일로부터 12개월 이내에 사후 심사를 완료하여야만 인증이 유지됩니다.

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* GSI 경기도 김포시 김포한강1로133번길 107, 다목적타워 시그니처 445호, 446호 http://www.gsiinc.org



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- 파이프, 금속조인트, 플라스틱조인트, 플러트랙, 마운팅브라켓 및 부품 (헬, 캐스터, 피트, 캡, 부상 및 텍스타)의 제조
- 플라스틱사출금형의 설계, 개발 및 제조

인증번호 : GE1241 최초인증일 : 2025년 11월 18일
인 증 일 : 2025년 11월 18일 만 료 일 : 2028년 11월 17일
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<ENVIRONMENTAL MANAGEMENT SYSTEM>

<QUALITY MANAGEMENT SYSTEM>

- Company Introduction -

“ 끊임없는 도전과 창의로
미래의 성장 기회를 만들어가는 (주)피제이시스템이 있습니다. ”

안녕하십니까!
고객의 발전이 당사와 국가발전의 초석임을 깊이 새겨
항상 고객과 함께 하겠습니다.

항상 저희 (주)피제이시스템의 제품을 구매 사용해주시고 관심 어린
격려와 충고를 아끼지 않으시는 고객 여러분께 깊은 감사 드립니다.

(주)피제이시스템은 고객 여러분의 다양하고도 세심한 요구까지
완벽히 수용해 내기 위해 끊임없는 연구개발과 노력으로
고객의 사전 / 사후 서비스 업무에도 최선을 다할 것입니다.

앞으로도 많은 관심과 성원 부탁드립니다.
감사합니다.

- Company System -

회사내부시스템은 고객의 의뢰를 받아 설계자가 직접 미팅을
통해 사전 검토 후, 진행을 하고 있습니다.

또한, 고객 여러분의 신뢰를 위해 설계자 및 현장 작업자들은
기술자격증을 통해 배치되어 있습니다.

긴 글 읽어주셔서 감사합니다.

대표이사

박종걸

- What is a prefabricated pipe rack system?

- 1) 조립식 구조물을 사용하는 본 제품은 용접식 구조물에 비해 가볍고 조립 및 분해 후 구조변경이 쉽고, 견고하다.

This product uses prefabricated structures and is lighter than welded structures

It is easy to change the structure after assembly and disassembly. and it is robust.

- 2) 모든 분야에 적용이 가능하며 각 공정에 맞도록 제작하여 효율을 높일 수 있으며, 비용절감의 효과 및 생산라인 증가를 찾아볼수 있습니다.

It can be applied to all fields, and it is manufactured according to each process to be efficient

Increase, reduce costs and increase production lines
I have it.

- 3) 제작 후 사용 중에도 파이프와 조인트, 볼트, 너트를 이용하여 조립하면 변경 하고자 하는 형태로 사용할 수 있다.

Use pipes, joints, bolts,
and nuts during use after manufacturing

When assembled, it can be used in the form to be changed.

- 4) 복잡한 기계나, 설비 없이 간단한 공구와 아이디어로 바로 제작이 가능하다.

Without complicated machines or equipment,
simple tools and ideas
can be made right away, It is possible.

주요거래선

- 쿠팡 (전국 각 센터)
- LG전자
- 현대,기아자동차
- KGM 외 1차 협력업체
- 삼성전자 1차 협력업체
- 현대,기아 1차 협력업체
- 우편집 중국
- 식,약품,물류센터 다수업체
- 롯데, 코웨이
- 해외(동남아,유럽,미국)



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- 4). ROLLER TRACKS (PLACONS) - - - - -
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- 5). ROLLER TRACKS CONNECTORS (PLACON MOUNTS) -
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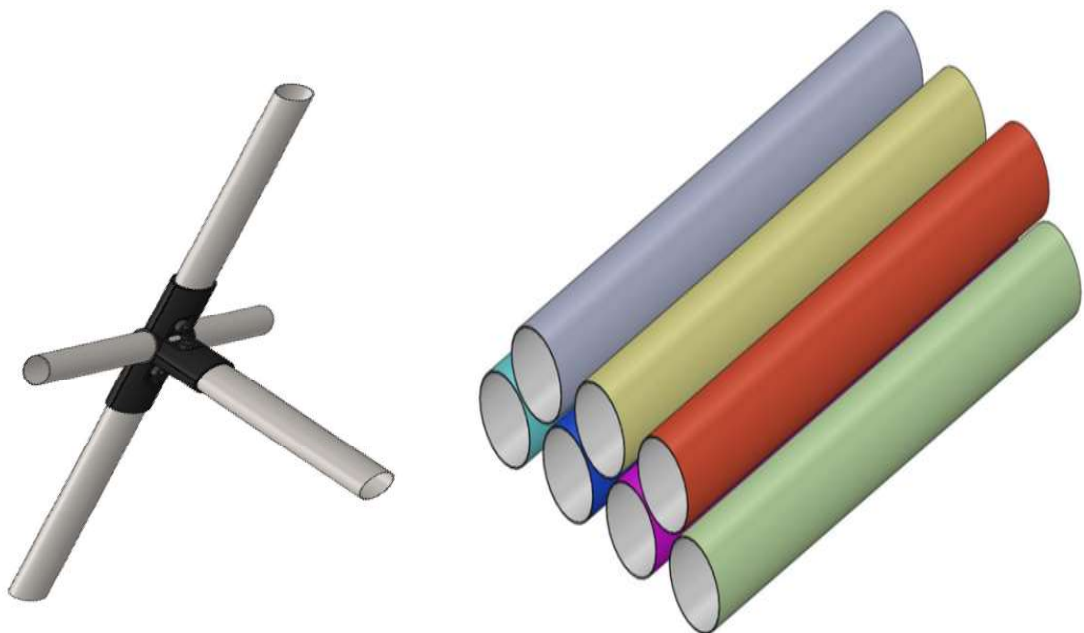
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01 PIPES

- ESD PIPE
- STANDARD PIPE
- STAINLESS PIPE



➤ PIPES (LOGIFORM PIPE COLORS)

DESCRIPTION	COLOR		THICKNESS					
			0.7T	0.9T	1.0T	1.1T	1.4T	2.0T
COATED PIPE	IVORY	(IV)	○	○	○		○	○
	WHITE	(WH)	○	○	○		○	○
	GRAY	(GR)	○	○	○		○	○
	BLUE	(BL)	○	○	○		○	○
	BLACK	(BK)	○	○	○		○	○
SLIDE PIPE	IVORY	(IV)		○	○		○	○
	STELL	(SL)		○	○			
STAINLESS PIPE	439		○	○	○	○		○



PIPES Φ 28

파이프



COATED PIPE

Colors	GN	BK	GR	BL	IV	
			v			
COLOR CODE	Φ	THICKNESS	WEIGHT			
IV	28	0.9T (0.7T)	660g/m			
BK			680g/m			
GN		1.0T	1280g/m			
GR		2.0T				
BL						



STAINLESS PIPE

Colors	SILVER				
COLOR CODE	Φ	THICKNESS	WEIGHT		
SILVER	28	0.7T	470g/m		
		0.9T	730g/m		
		1.1T			



ESD PIPE

Colors	GR	BK			
		v			
COLOR CODE	Φ	THICKNESS	WEIGHT		
GR	28	0.9T	660g/m		
BL					



SLIDE PIPE

Colors	IV				
COLOR CODE	Φ	THICKNESS	WEIGHT		
IV	28	0.9T	770g/m		



02

METAL JOINTS

- METAL JOINTS
- METAL JOINTS SET
- METAL JOINT 적용사례



METAL JOINTS

메탈 조인트



P-1 ◆330pcs/Box ◆0.07kg/pcs



P-2 ◆230pcs/Box ◆0.097kg/pcs



P-3 ◆100pcs/Box ◆0.124kg/pcs



P-4 ◆240pcs/Box ◆0.111kg/pcs



P-6 ◆250pcs/Box ◆0.049kg/pcs



P-6A ◆250pcs/Box ◆0.044kg/pcs



P-7A ◆450pcs/Box ◆0.048kg/pcs



P-7B ◆360pcs/Box ◆0.06kg/pcs



P-8 ◆360pcs/Box ◆0.054kg/pcs



P-9 ◆270pcs/Box ◆0.062kg/pcs



P-10A ◆240pcs/Box ◆0.073kg/pcs



P-10B ◆240pcs/Box ◆0.073kg/pcs



P-12 ◆200pcs/Box ◆0.104kg/pcs



P-13A ◆840pcs/Box ◆0.038kg/pcs



P-13B ◆420pcs/Box ◆0.041kg/pcs



P-14 ◆250pcs/Box ◆0.05kg/pcs



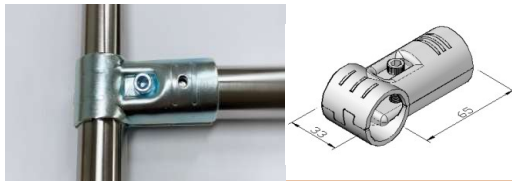
P-15 ◆300pcs/Box ◆0.054kg/pcs



P-16 ◆240pcs/Box ◆0.069kg/pcs

METAL JOINTS SET

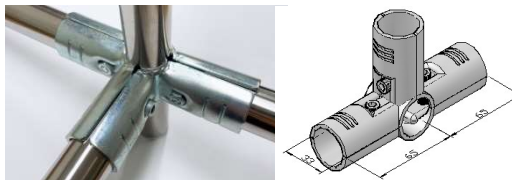
원형 메탈 조인트 세트



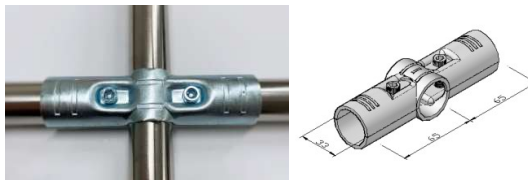
PJ-1



PJ-2



PJ-3



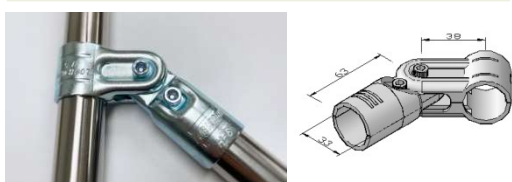
PJ-4



PJ-5



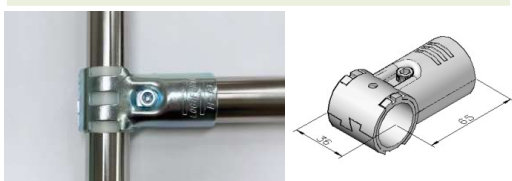
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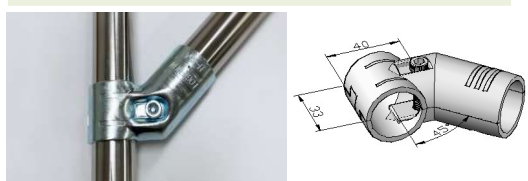
PJ-7



PJ-8



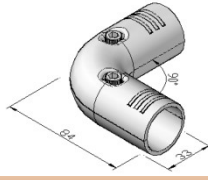
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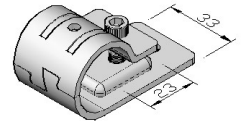
PJ-10

METAL JOINTS SET

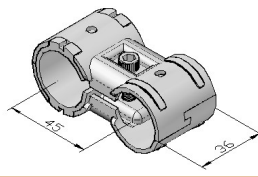
원형 메탈 조인트 세트



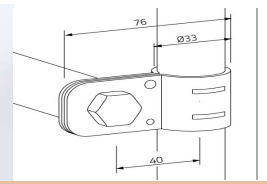
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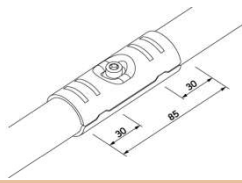
PJ-13



PJ-14



PJ-15



PJ-16

적용사례



METAL JOINTS

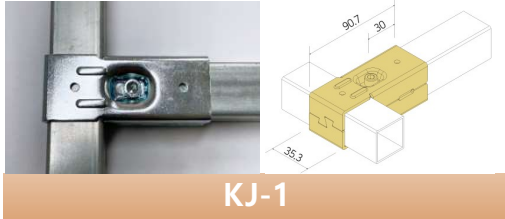
각파이프 메탈 조인트 (단품)



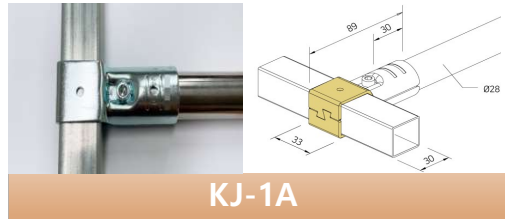


METAL JOINTS SET

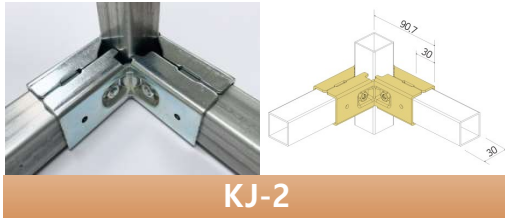
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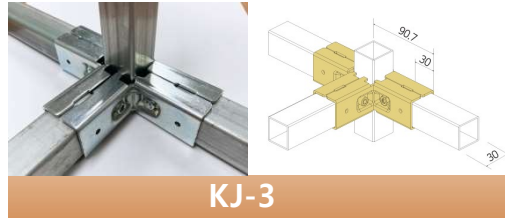
KJ-1



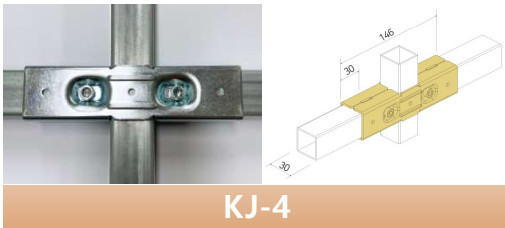
KJ-1A



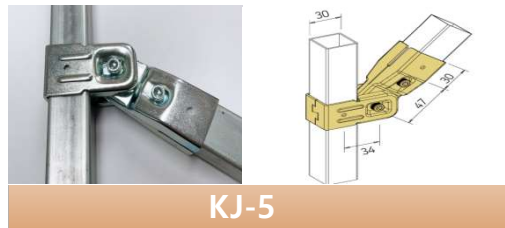
KJ-2



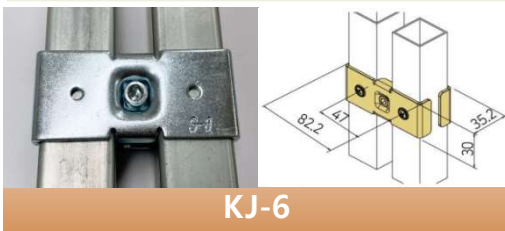
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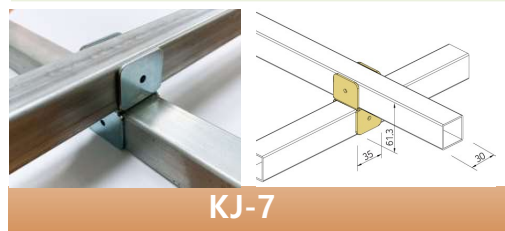
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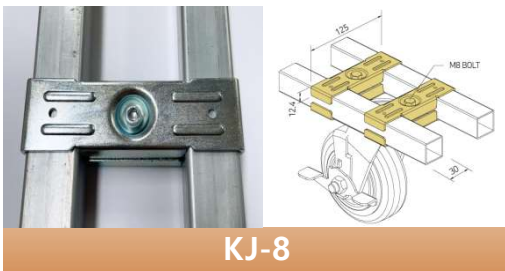
KJ-5



KJ-6



KJ-7



KJ-8



03

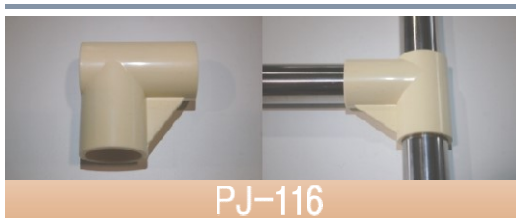
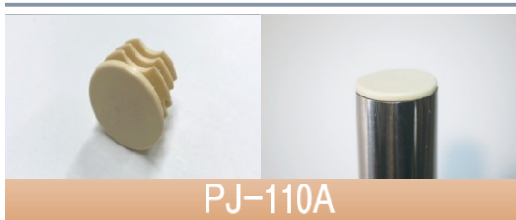
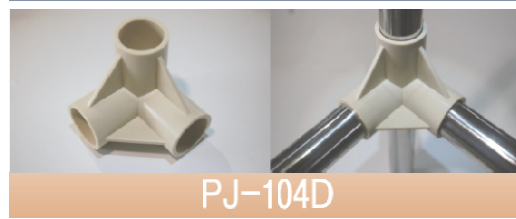
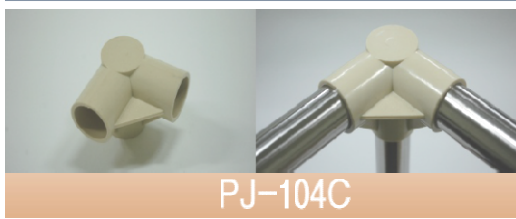
PLASTIC JOINTS

- PLASTIC JOINTS
- PLASTIC JOINTS 적용사례



PLASTIC JOINTS

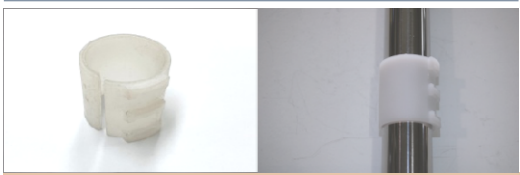
플라스틱 조인트



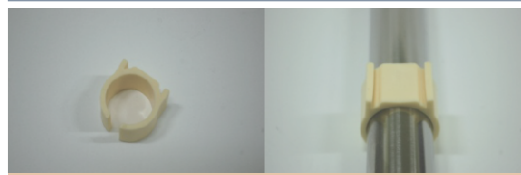


PLASTIC JOINTS

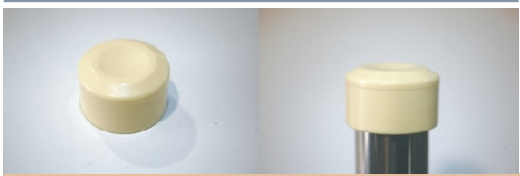
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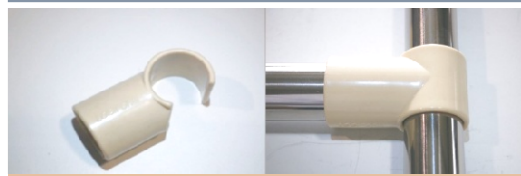
PJ-9H



PJ-38S



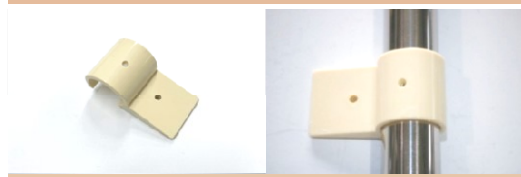
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PJ-159



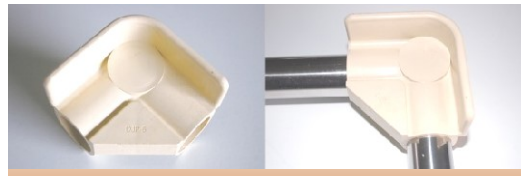
PJ-201



PJ-202



PJ-210



PJP-5



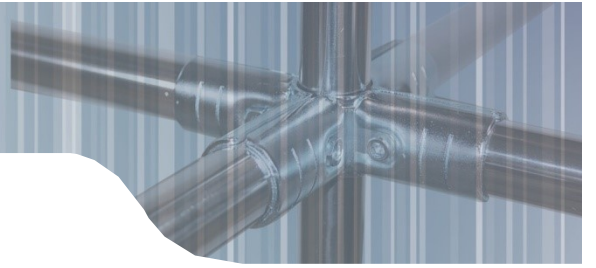
밴드걸이금구 (신규)



메쉬망고정걸이 (신규)



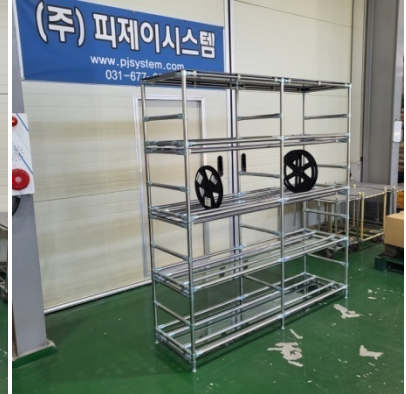
적용 사례



PLASTIC JOINTS

플라스틱 조인트 (적용사례)

적용사례(PJ-202, PJ110A, PJ-113명판홀더, 플라스틱 적용사례 사진)





04

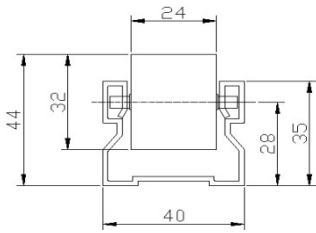
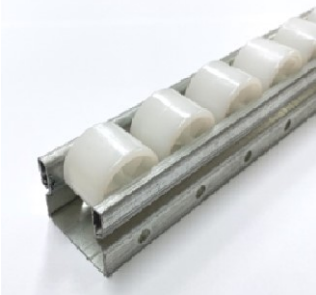
ROLLER TRACK [PLACONS]

- 40 SERIES (PLACON)
- 60 SERIES (PLACON)
- 85 SERIES (PLACON)

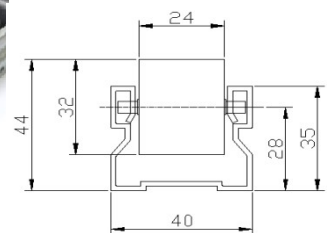
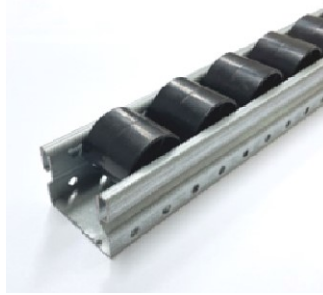


PLACONS 플라콘(롤러)

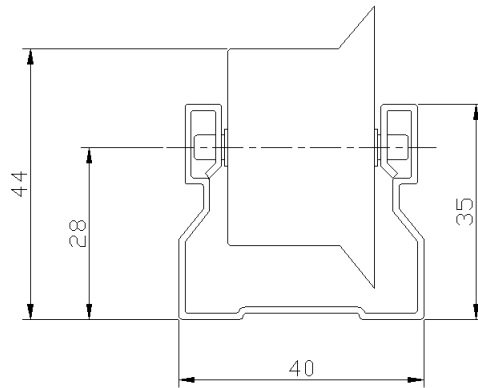
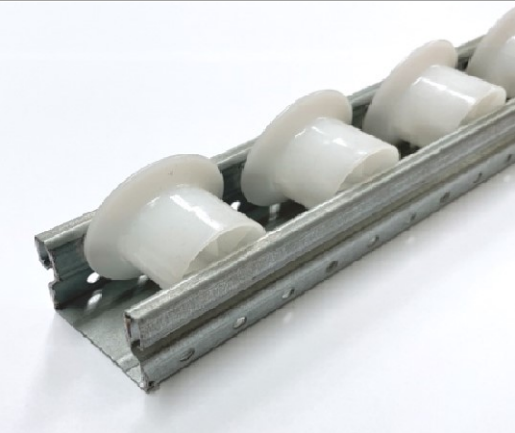
PLC-4001S [평형,40 SERIES] WHITE(일반)



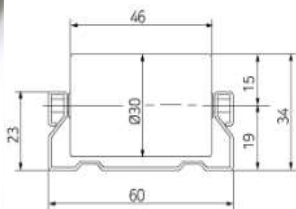
PLC-4002S [40 SERIES] ESD(제전용)



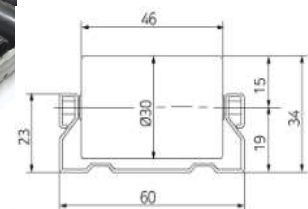
PLC-4003S [평형,40 SERIES] WHITE(일반)



PLC-6001S [평형,60 SERIES] WHITE(일반)



PLC-6002S [60 SERIES] ESD(제전용)



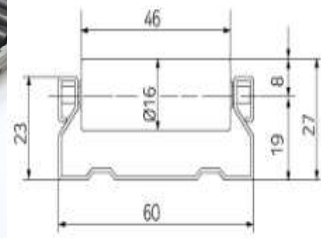
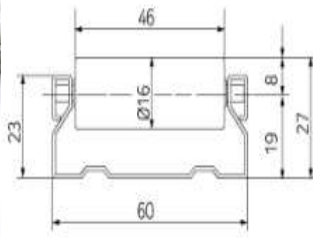
PLACONS 플라콘(롤러)

PLC-6003S [평형,60 SERIES]

WHITE(일반)

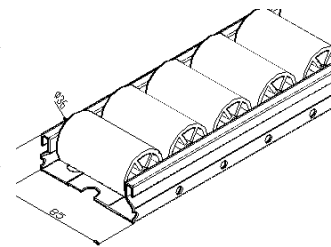
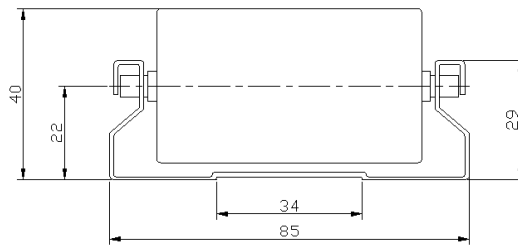
PLC-6004S [60 SERIES]

ESD(제전용)



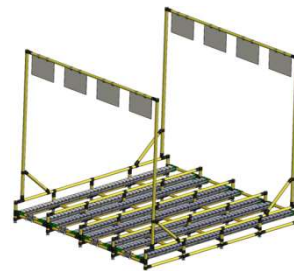
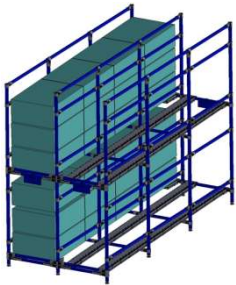
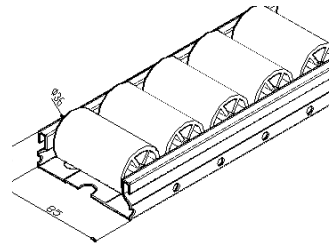
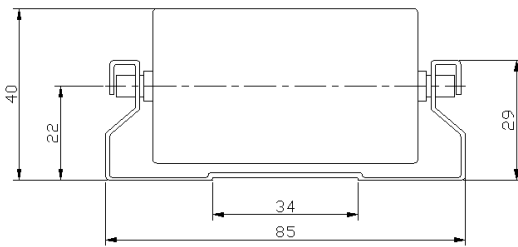
PLC-8005S [평형,85 SERIES]

WHITE(일반)



PLC-8006S [평형,85 SERIES]

ESD(제전용)





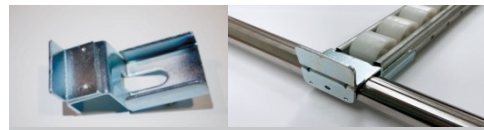
PLACONS MOUNTS

플라콘 지지금구

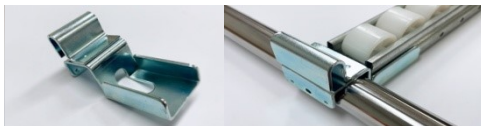
PLACON 40 Type



PLACON MOUNT-A
지지금구-A
PLC-40A



PLACON MOUNT-B
지지금구-B
PLC-40B



PLACON MOUNT-B1
지지금구-B1
PLC-40B1



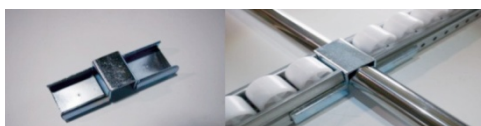
PLACON MOUNT-C
지지금구-C
PLC-40C



PLACON MOUNT-C1
지지금구-C1
PLC-40C1



PLACON MOUNT-C2
지지금구-C2
PLC-40C2



PLACON MOUNT-D
지지금구-D
PLC-40D

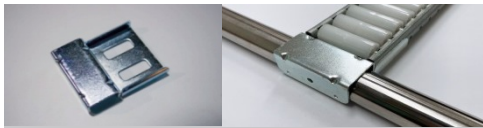


PLACON MOUNT-B2
지지금구-B2
PLC-40B2

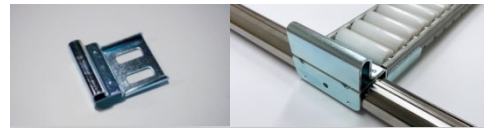
PLACONS MOUNTS

플라콘 지지금구

PLACON 60 Type

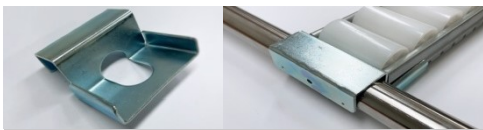


PLACON MOUNT-A
지지금구-A
PLC-60A

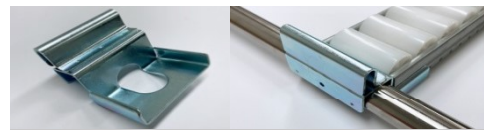


PLACON MOUNT-B
지지금구-B
PLC-60B

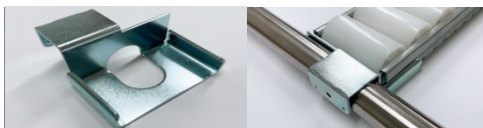
PLACON 85 Type



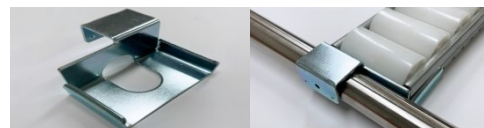
PLACON MOUNT-A
지지금구-A
PLC-85A



PLACON MOUNT-B
지지금구-B
PLC-85B



PLACON MOUNT-NA(L)
지지금구-NA(L)
PLC-85L



PLACON MOUNT-NA(R)
지지금구-NA(R)
PLC-85R



PLACON MOUNT-C
지지금구-C
PLC-85C



PLACON MOUNT-D
지지금구-D
PLC-85D

PLACONS MOUNTS

플라콘 지지금구



PLACON MOUNT-F
지지금구-F
PLC-40F
프로파일, 각파이프 30*30각 사용



PLACON MOUNT-NB
지지금구-NB
PLC-85NB

적용사례

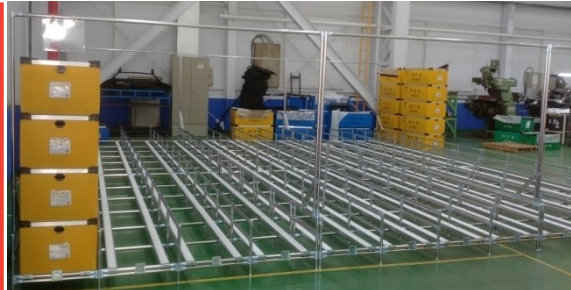


PLACONS MOUNTS

플라콘 지지금구

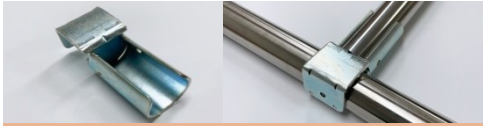


적용사례

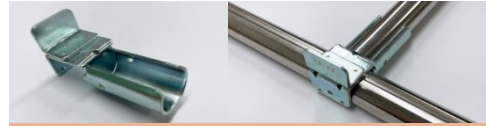


SLIDE MOUNTS

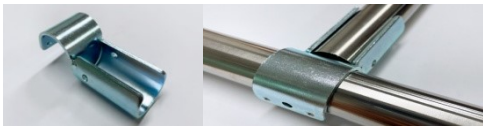
슬라이드 금구



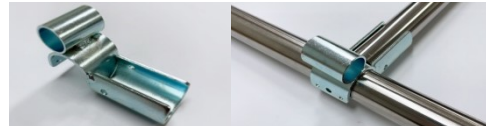
SLIDE MOUNT-A
지지금구-A
PS-A



SLIDE MOUNT-B
지지금구-B
PS-B



SLIDE MOUNT-A1
지지금구-A1
PS-A1



SLIDE MOUNT-B1
지지금구-B1
PS-B1

적용사례



SLIDE MOUNTS

슬라이드 금구

적용사례

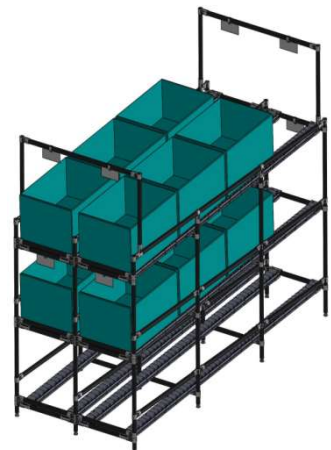
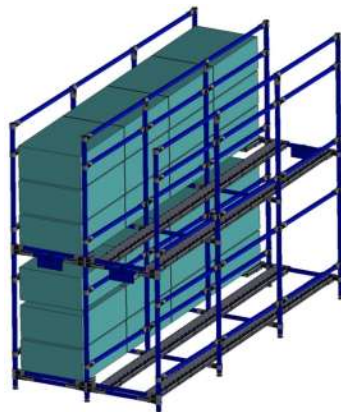




05



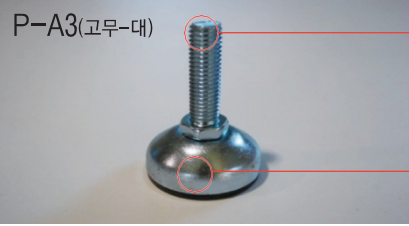

ACCESSORIES

- ADJUSTERS
- INSERT NUTS
- ACCESSORIES
- NAME PLATES
- PLASTIC ANGLES & COVERS
- BOARDS & SHEETS



ADJUSTER & BUSHING NUT

아제스타(ADJUSTER)

P-A1		50mm Φ30	1/2x12 UNC
P-A2(고무-소)		50mm Φ38 고무타입	1/2x12 UNC
P-A3(고무-대)		50mm Φ50 고무타입	1/2x12 UNC
P-A4		100mm Φ28 플라스틱	1/2x12 UNC
P-A5		50mm Φ50	1/2x12 UNC

ADJUSTER & BUSHING NUT

부싱



Coated Pipe 전용

P-B1 0.7T
P-B1 0.9T
P-B1A 1.0T
P-B1B 1.1T
P-B1C 2.0T

1/2x12 UNC

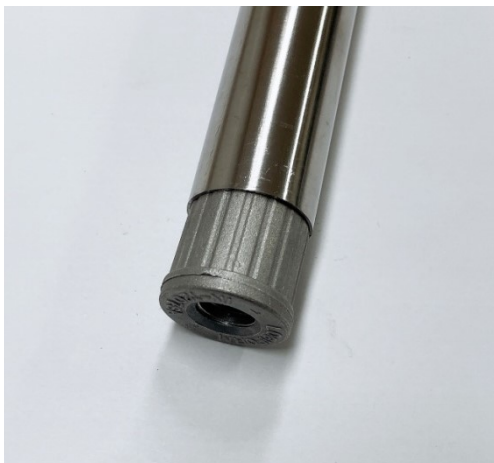


SUS Pipe 전용

P-B2 0.7T
P-B2 0.9T
P-B2 1.1T

1/2x12 UNC

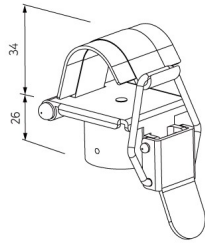
적용사례



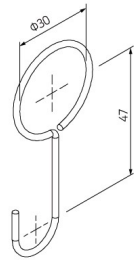
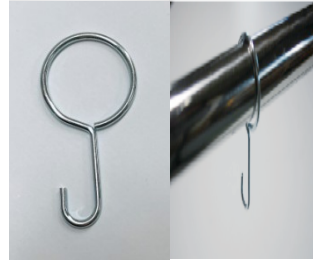
ACCESSORIES

부자재

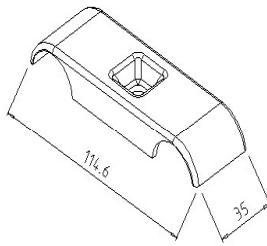
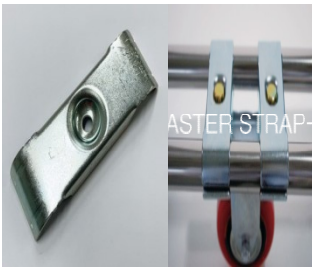
LOCK MOUNT 락금구



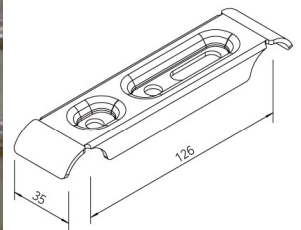
링고리 (파이프걸이)



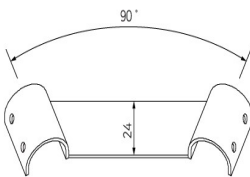
CASTER STRAP-A 캐스터금구-A



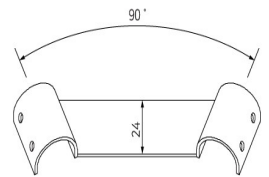
CASTER STRAP-B 캐스터금구-B



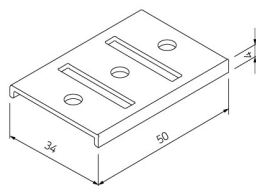
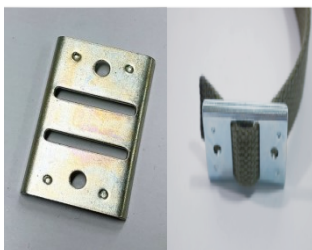
BRACKET BOARD-신형 코너금구-신형



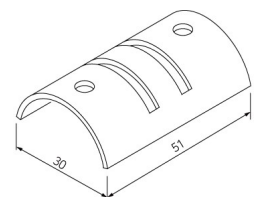
BRACKET BOARD-구형 코너금구-구형



HANDLE FIXING-A 손잡이금구(평)



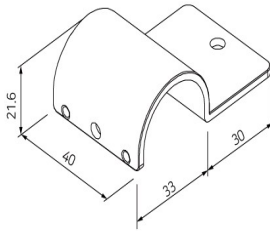
HANDLE FIXING-B 손잡이금구(둥근)



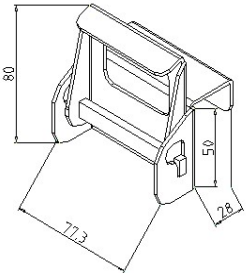
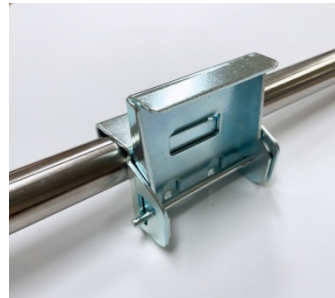
ACCESSORIES

부자재

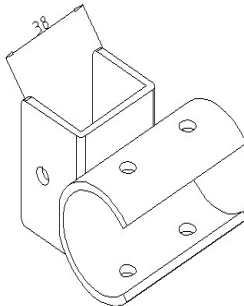
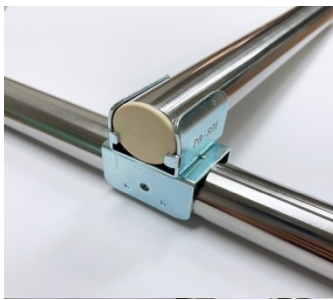
Saddle Metal Fittings 안장금구



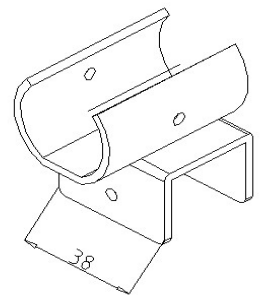
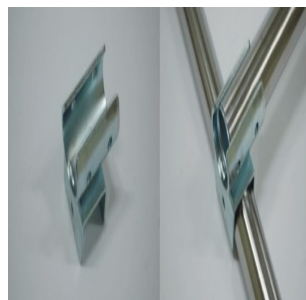
STOPPER-A 스토퍼금구-A



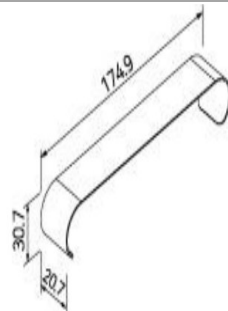
GUIDE MOUNT(A) 가이드금구(A)



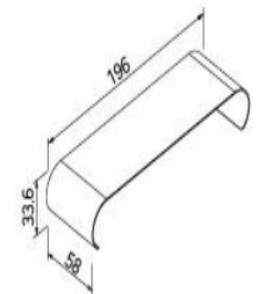
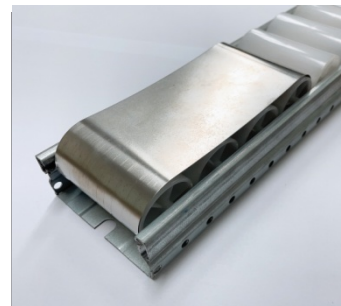
GUIDE MOUNT(B) 가이드금구(B)



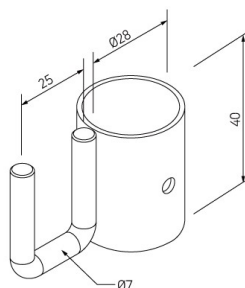
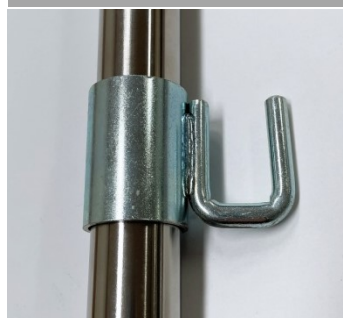
STOPPER-40S 미들 스토퍼-40S



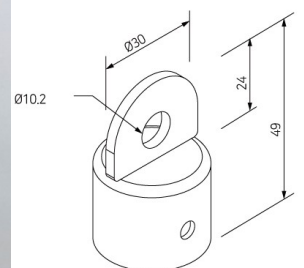
STOPPER-80S 미들 스토퍼-80S



HOOK 후크



HOOK CAP 후크(캡)



ACCESSORIES

부자재



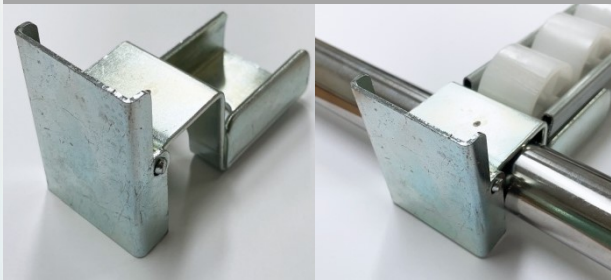
PIPE CONNECTOR-A 파이프 연결금구-A



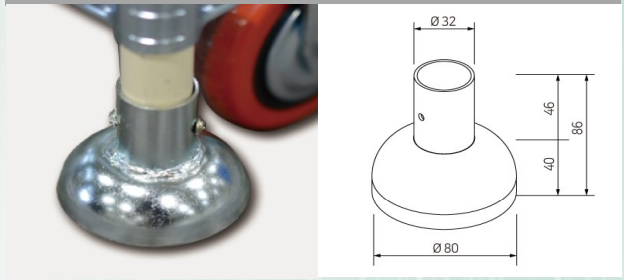
PIPE CONNECTOR-A 파이프 연결금구-B



STOPPER-B 스톱퍼(B)



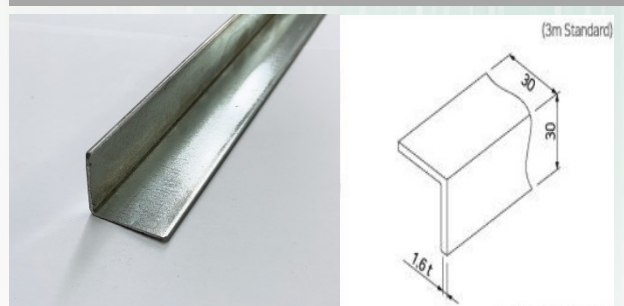
OVERLAP CAP 원형종발이



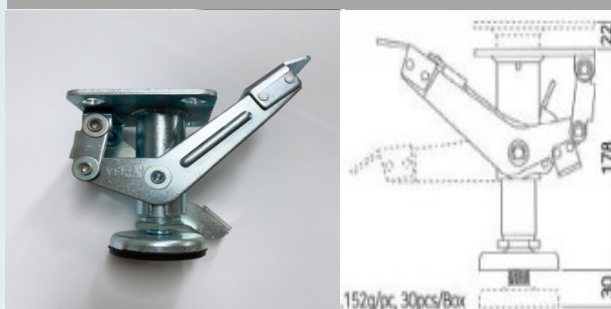
SLIDE RAIL 슬라이드레일



ZN PLATING ANGLE 아연앵글



FLOOR LOCK 플로어락

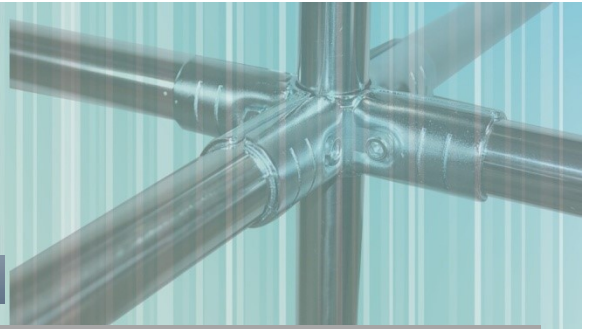


GAS SPRING 압쇼바



ACCESSORIES

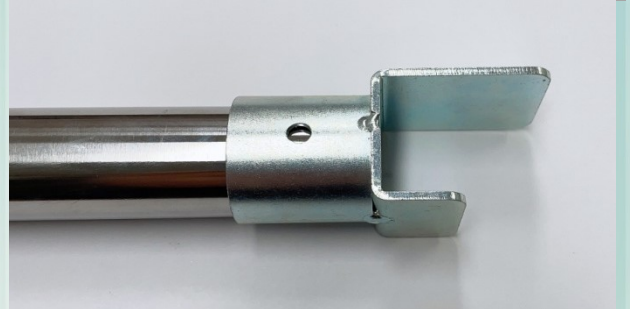
부자재



DOOR FIXTURE-A 문고정금구-A



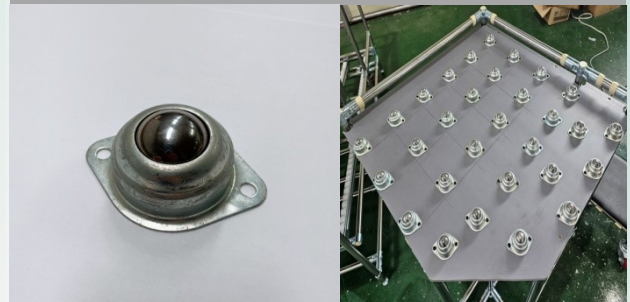
DOOR FIXTURE-B 문고정금구-B



HINGE 경첩



BALL BEARING 볼베어링



밴드걸이금구(둥근Type)



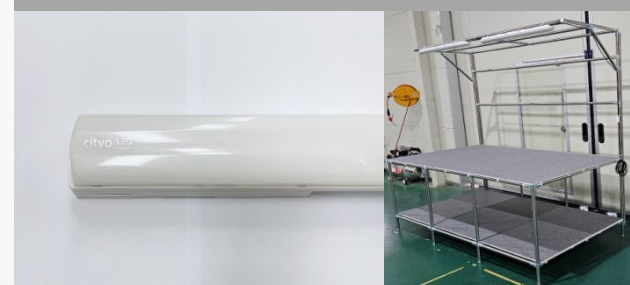
밴드걸이금구(평Type)



HIGH ELASTIC BAND 고탄력밴드



LED LAMP LED등



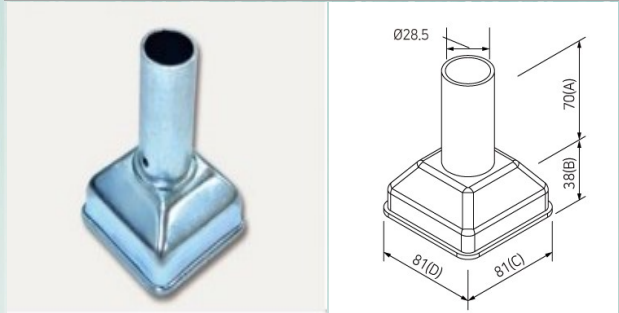
ACCESSORIES

부자재

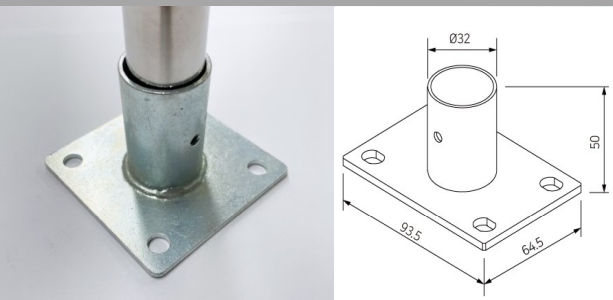
SHOCK ABSORBER SUPPORT MOUNT (쇼바지지금구)



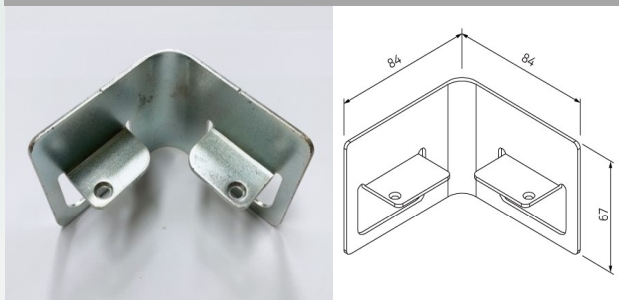
SQUARE CAP 사각종발이



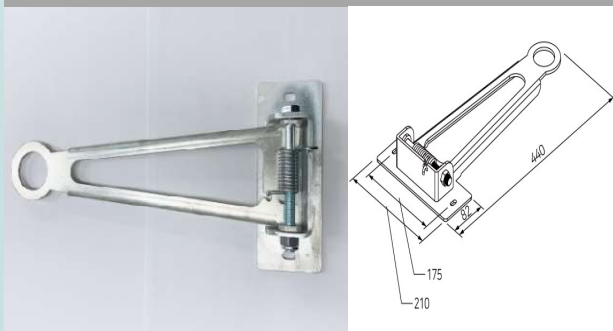
STANCHION MOUNT 바닥고정금구



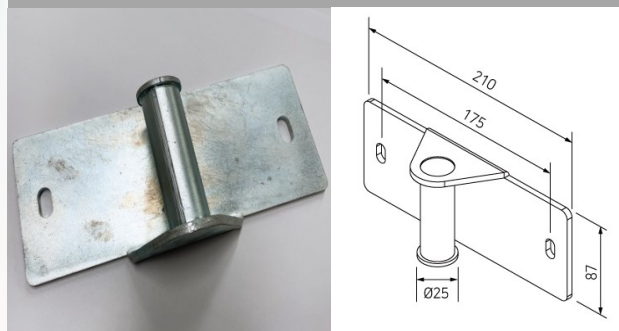
CORNER GUARD 코너금구



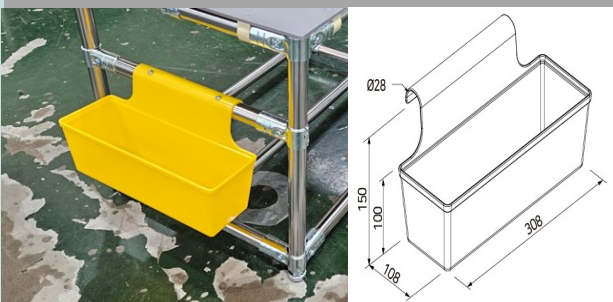
TRACTION ARM 견인고리



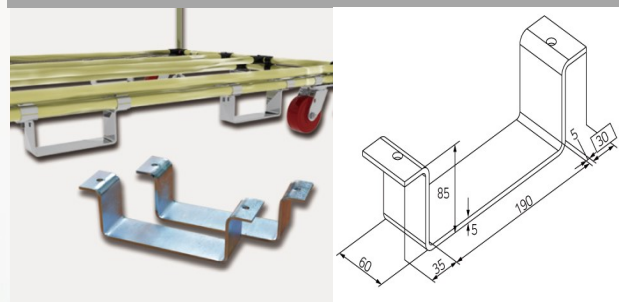
TRACTION HOOK 견인고리 후크



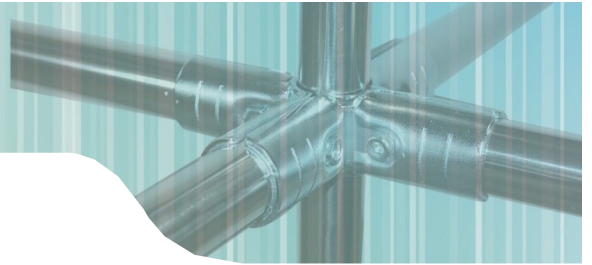
MULTIPURPOSE BASKET 다용도바구니



FORK GUIDE 지게차포크가이드



ACCESSORIES



부자재(볼트,너트,스크류)



BOLT 볼트
M8×35,40,45
M10×20



WRENCH BOLT 렌치볼트
M6×25,27



ROUND HEAD SCREW
둥근머리 직결 스크류
PW8×20,25,32



FLAT HEAD SCREW
접시머리 직결 스크류
FH8×20,25,32



ROUND HEAD SCREW
둥근머리 직결 스크류
PW8×20,25,32(SUS)



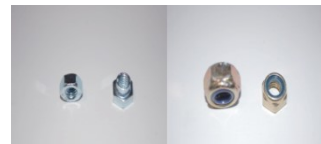
FLAT HEAD SCREW
접시머리 직결 스크류
FH8×20,25,32(SUS)



ROUND HEAD SCREW
둥근머리 직결 스크류
PW4×10,12(BOX)



ROUND HEAD SCREW
둥근머리 직결 스크류
PW10×20



T-NUT, NYLON NUT
T-너트, 나일론 너트
M6, M8

공구류



ELECTRIC IMPACT



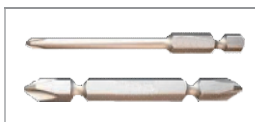
L-WRENCH BIT



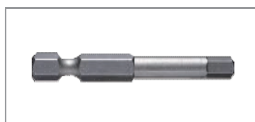
ADJUSTER WRENCH BIT



BURR SCRAPER



DRIVER BIT



WRENCH BIT

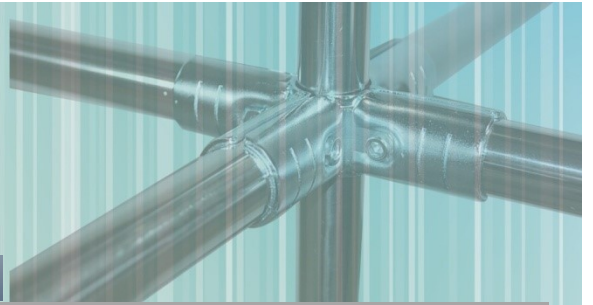


RUBBER HAMMER



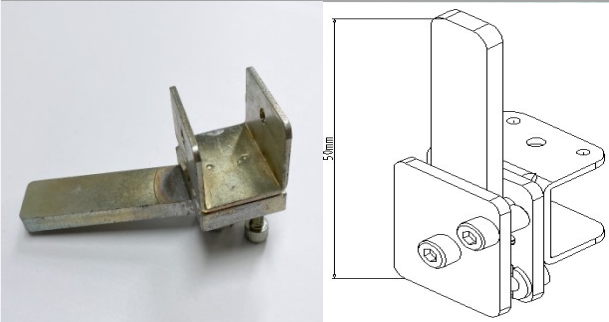
MEASURING TAPE

ACCESSORIES

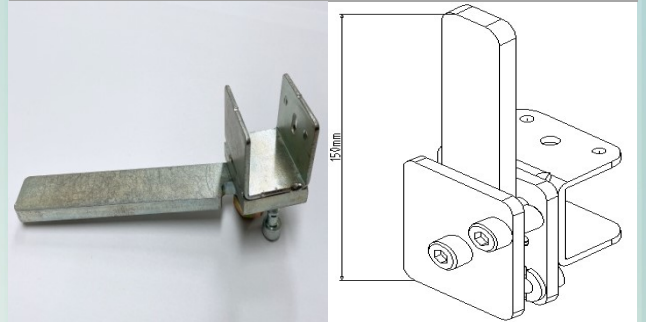


부자재

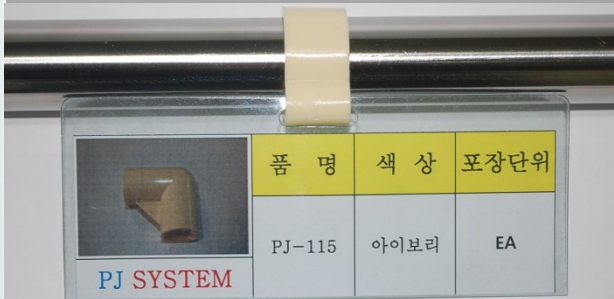
STOPPER-B 스톱퍼금구-B



STOPPER-C 스톱퍼금구-C



NAME PLATE (명판)



품명

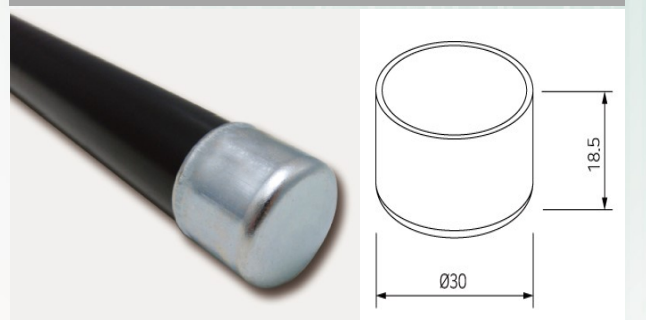
SIZE (규격)

NP-60	150 × 60
NP-120	300 × 120
NP-210	300 × 210
NP-310	430 × 310

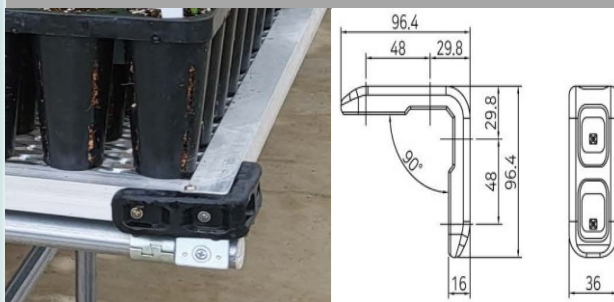
RUBBER CAP 고무 캡

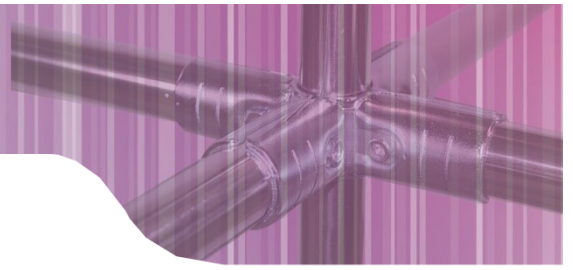


IRON CAP 철제 캡



CART CORNER CAP 대차코너캡



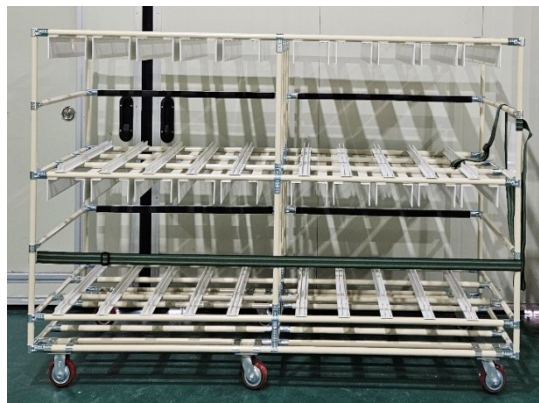


PLASTIC ANGLES

(수지앵글)

플라스틱앵글	TYPE	SIZE	LENGTH
	L"형	30*50*3T	3M(Standard)
		50*50*4T	
		50*75*4T	
		50*100*4T	
		50*150*4T	
		50*200*4T	
	T"형	60*100*5T	
		50*100*3.5T	
	C"형	파이프 커버용	
	ㄷ"형	36*36*3T	
플라콘 전용앵글	가이드형	A"	
		B"	
		C"	

적용사례(L"수지,가이드형 B"사용예)



BOARDS&SHEETS

판 재	품 명	특 성
	MDF	원목을 일정한 크기의 조각(CHIP)으로 깎아 이를 해섬(화학약품 처리 후 풀임)하여 섬유질만을 뺀아 접착제와 섞어 완력을 가하여 만든 제품으로 가구재로 많이 쓰이며 합판에 비해 가공성이 매우 뛰어나다는 장점이 있는 반면 물에 약하다는 단점이 있다. 4*8/3*6SIZE대표적이다
	합판	합판은 천연목재의 특성과 장점을 그대로 보유하면 서도 강도가 높고 변형되지 않으며 활용성이 뛰어나 건축계,인테리어업계는 물론, 가구를 비롯한 각종 목제품의 원부자재로 널리 사용되고 있다. 4*8/3*6SIZE대표적이다
	PVC	산, 알칼리, 유지, 염류 등에 내약품성이 우수 인장, 굴곡 등 기계적 강도가 우수 절단, 천공, 가열절곡, 용접 등 가공성이 우수 전기절연성이 양호,난연성이 우수(자기 소화성) 난연성이 우수 합니다. (자기소화성) 단점은 열에 약함
	PE	내충격성, 내마모성이 우수 내한성, 내약품성이 우수 무독성이므로 식품, 음료, 제약공업기계에 적합. 순간충격에 약하다.
	PB15T	목재 입자를 톱밥같은 형태로 분쇄를 하여 압축하여 BOARD의 형태로 만든 제품인데 현재 주방싱크 사무가구의 소재로 많이 쓰이고있다
	포맥스	PVC를 원료로 하여 발포 압출한 제품이며 플라스틱이나 목재의 장점을 그대로 갖추고 있으며, 절단/절곡/진공성형/합지 등 가공이 용이하고 녹슬거나 부식되지 않아 욕내/욕외할 것이 없이 안심하고 설치 제작할 수 있는 최상의 인테리어 소재
	SHEETS	<ul style="list-style-type: none"> - 1번 : 일반매트 - 2번 : 부직포 - 3번 : ESD 매트 - 4번 : 투명비닐 - 5번 : 반투명 레저비닐 - 6번 : ESD 비닐

BOARDS&SHEETS

보드&시트 규격

판재	품명	두께 (T)	규격
	➤ MDF	9T	900×1800
		12T	1200×2400
	➤ 합판	12T	1200×2400
	➤ PVC	3T	1000×2000 1200×2400
		5T	
		8T	
		10T	
	➤ PP	5T	1000×2000 1200×2400
		8T	
		10T	
	➤ POMAX	3T	1200×2400 900×3000
		5T	
		8T	
		10T	
	➤ SHEET	매트 2T	1). 일반매트
			2). 부직포
			3). ESD 매트
			4). 투명비닐
			5). 반투명 레지비닐
			6). ESD비닐

CLOTH&COVER

천&커버 규격

판 재	품 명	두께 (T)	규 격
	➤ 부직포	1T	맞춤제작
	➤ 기모지	1T	맞춤제작
	➤ 보드	1T ~ 20T	맞춤제작
	➤ EV폼	1T ~ 20T	맞춤제작
	➤ EV폼(변형)	맞춤제작	맞춤제작
	➤ 발포호스	5T , 10T	<내경> 35파이
	➤ 아트론		<외경> 45파이
	➤ 편사호스	9T	<내경> 32 / 38파이 <외경> 41 / 47파이



06

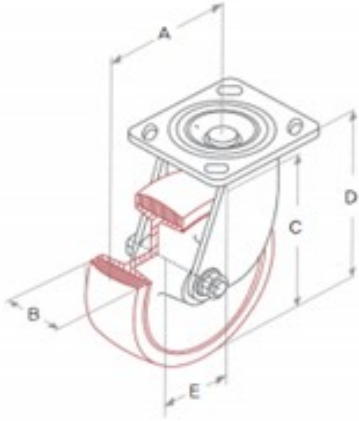
CASTERS

- Caster Nomenclature
- Plate Nomenclature
- Load Capacity
- Direction
- Caster Type



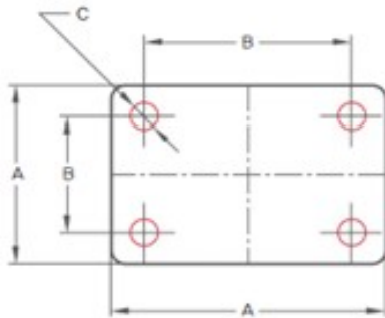
CASTERS

캐스터 용어 Caster Nomenclature



- A: 회전반경 (Swivel rotation)
- B: 바퀴 폭 (Tread Width)
- C: 바퀴직경 (Diameter)
- D: 총 높이 (Overall Height)
- E: Offset

플레이트 용어 Plate Nomenclature



- A: 플레이트의 전체 크기 (Overall)
- B: 볼트의 간격 (Bolt Hole Spacing)
- C: 취부 볼트 규격 (Attaching Bolt Size)

허용하중 계산법 Load Capacity

$$\text{허용하중} = \frac{\text{운송장비 중량} + \text{추가된 적재하중}}{\text{부착된 캐스터 수량} - 1}$$

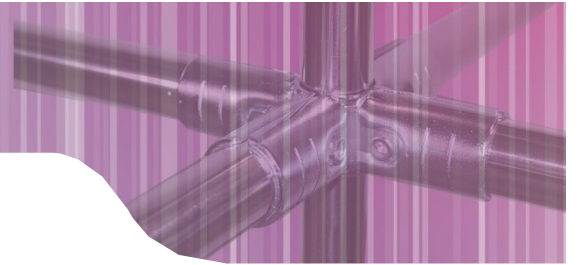
$$\text{Load capacity} = \frac{\text{Weight Equipment} + \text{Weight Added}}{\text{Attached Caster} - 1}$$

주의사항 Direction

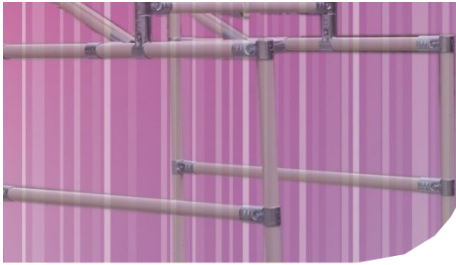
- 캐스터축에 대한 수직부착 (Vertical attach)
- 초과하중 금지 (Prohibition overload)
- 굴곡진 바닥 사용제한 (Restrict uneven ground)
- 특수온도 금지 (No special temperature)
- 브레이크 작동 후 이동금지 (No move after break)

- 화학용품 노출 금지 (Prohibition of chemical exposure)
- 발 상해 위험 (Danger foot)
- 이동방향에 대한 직선부착 (No attach straight to the Moving direction)
- 충격과 낙하금지 (No shock)
- 측면하중 적용금지 (No side weight)

CASTERS



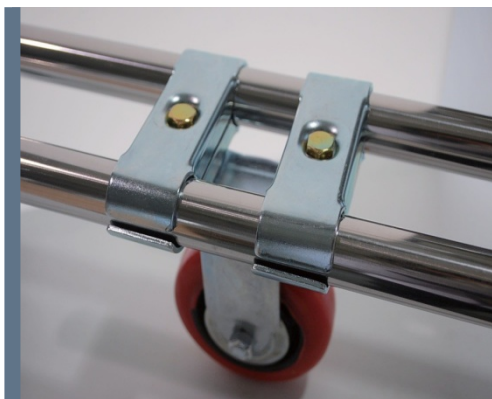
캐스터	품명	높이	허용하중	규격	회전반경	재질
	2"볼트회전B/K	73	35	12*1/2	44	우레탄
	2"볼트회전	73	35	12*1/2	44	우레탄
	3"볼트회전B/K	105	55	10*1/2	52	우레탄
	3"볼트회전	105	55	10*1/2	52	우레탄
	4"볼트회전B/K	130	80	10*1/2	83	우레탄
	4"볼트회전	130	80	10*1/2	83	우레탄
	3"평판 고정	105	55	65*95	72	우레탄
	3"평판 회전	105	55	65*95	72	우레탄
	3"평판 회전B/K	105	55	65*95	72	우레탄
	4"평판 고정	130	200	95*65	80	우레탄
	4"평판 회전	130	200	95*65	80	우레탄
	4"평판 회전B/K	130	200	95*65	80	우레탄
	4"평판 광폭 고정	130	300	115*100	85	우레탄
	4"평판 광폭 회전	130	300	115*100	85	우레탄
	4"평판 광폭 회전B/K	130	300	115*100	85	우레탄



CASTERS

캐스터	품명	높이	허용하중	규격	회전반경	재질
	5"평판 고정	160	250	120*100	102	우레탄
	5"평판 회전	160	250	120*100	102	우레탄
	5"평판 회전B/K	160	250	120*100	102	우레탄
	6"평판 고정	190	300	120*100	115	우레탄
	6"평판 회전	190	300	120*100	115	우레탄
	6"평판 회전B/K	190	300	120*100	115	우레탄
	6"평판 완충 고정	200	300	160*115	130	우레탄
	6"평판 완충 회전	200	300	160*115	130	우레탄
	6"평판 완충 회전B/K	200	300	160*115	130	우레탄

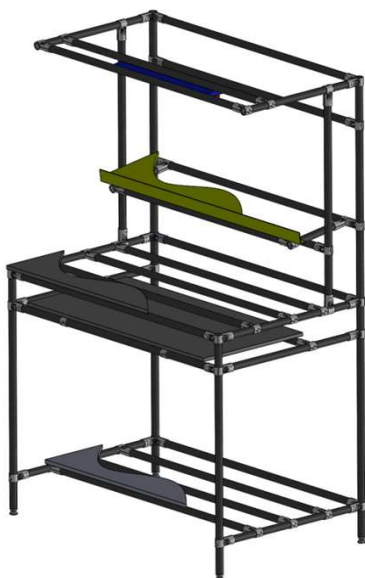
적용사례(평판용 캐스터, 볼트타입 캐스터 사용 예)



07

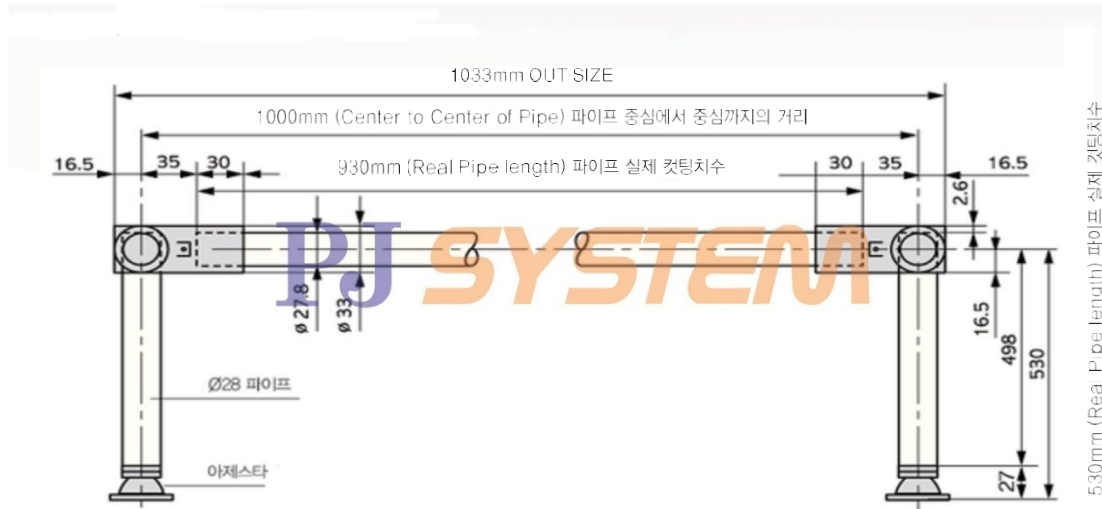
APPLICATIONS

- Pipe length calculation
- Work drawing
- Applications



파이프 길이 계산

CALCULATING FOR PIPE LENGTH



제작의 순서와 체크

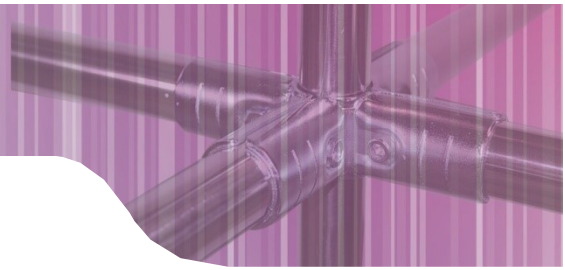
The sequence & major check point on manufacturing

- PIPE, JOINT 부재료, 대차, 적치대, 슬라이딩랙 등을 제작하는 경우, 그 목적 및 구상대로 제작하려면 다음의 순서와 체크가 필요합니다. 제작물의 검토(사용목적, 적재물 현상분석, 사용환경 등등)



- In order to manufacturer the moving trolley, racking system & sliding racking system by pipe & joint as per customer's concept, it is necessary to keep sequence & check points as follows. check (the usage purpose, analysis of load conditions, usage circumstance etc)



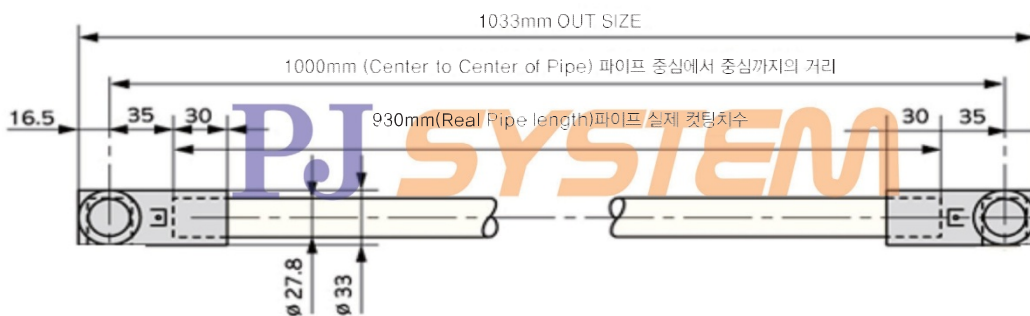


파이프 길이 계산

CALCULATING FOR PIPE LENGTH

수평길이 계산

THE CALCULATION FOR HORIZONTAL LENGTH OF PIPE

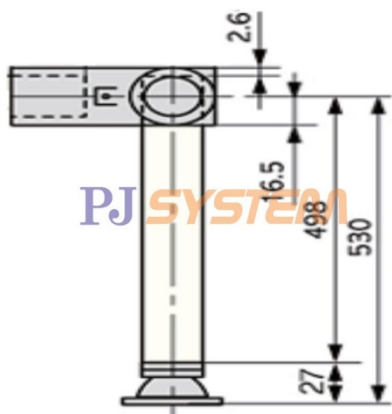


1000	• 파이프 중심에서 중심까지의 거리 Length between the both centers
- 71	• 파이프 끝에서 조인트 중심까지의 길이 Length between end of pipe & center of joint

930	• 파이프 절단 길이 Practical length of pipe to be cutted

수직길이 계산

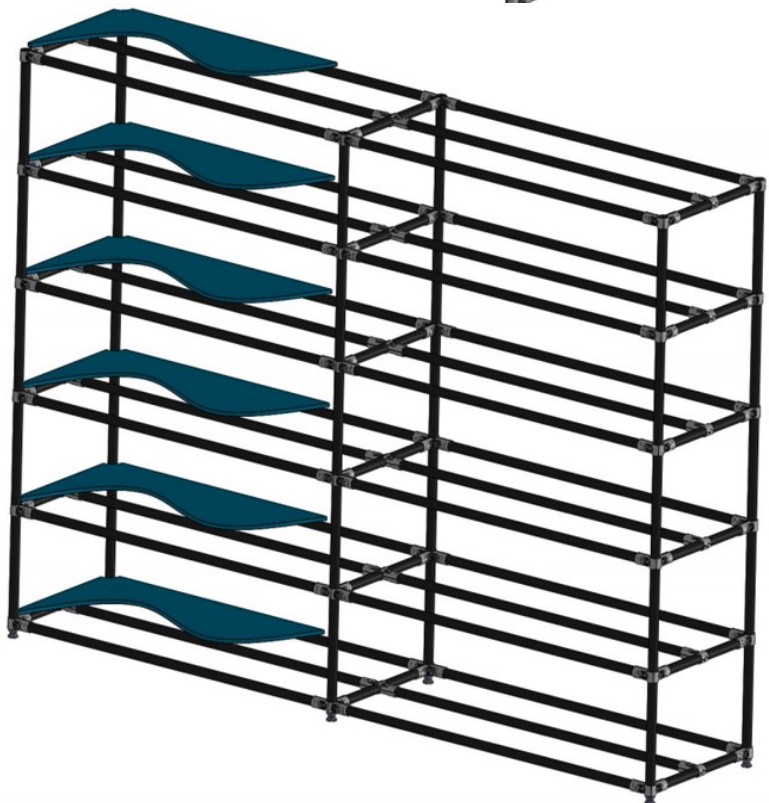
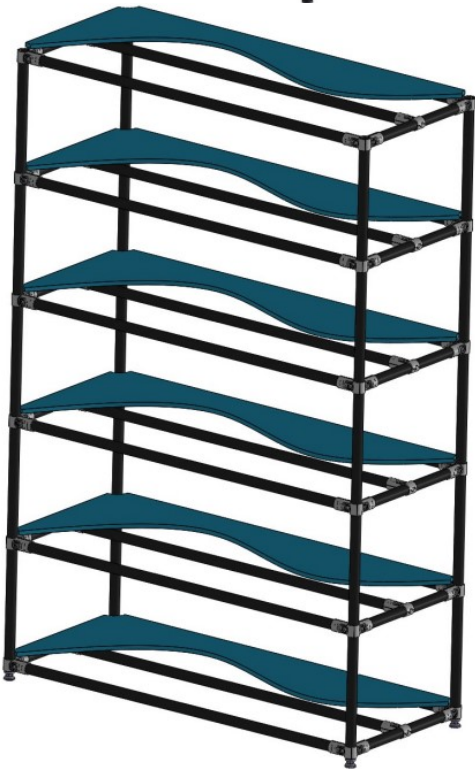
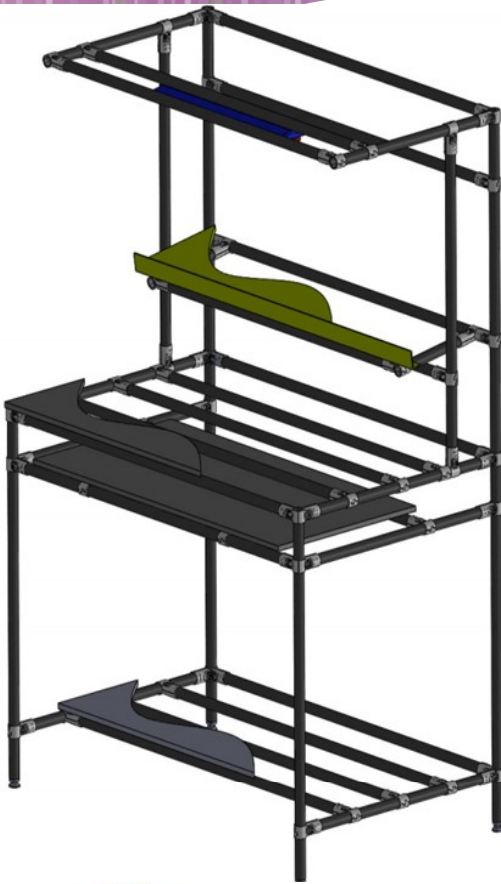
THE CALCULATION FOR HORIZONTAL LENGTH OF PIPE



530	• 바닥에서 중심까지의 거리 Length between the end of adjuster & center of joint
- 27	• 파이프 끝에서 금구가 차지하는 길이 Length (space) between the end of pipe & the end of adjuster
+ 17	• 조인트 중심에서 조인트 외측까지 길이 length between the center & the surface of joint

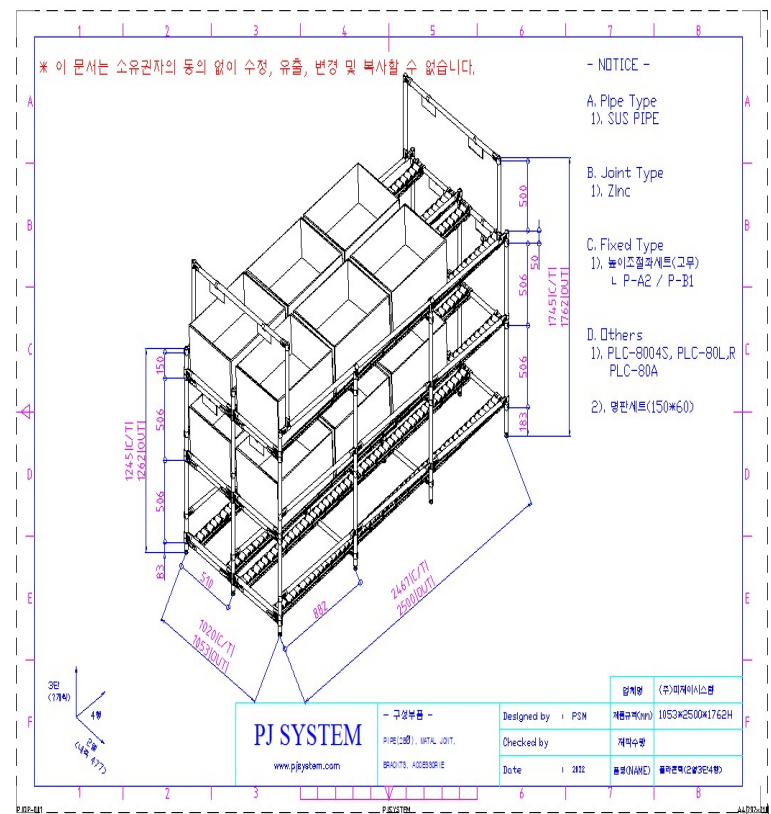
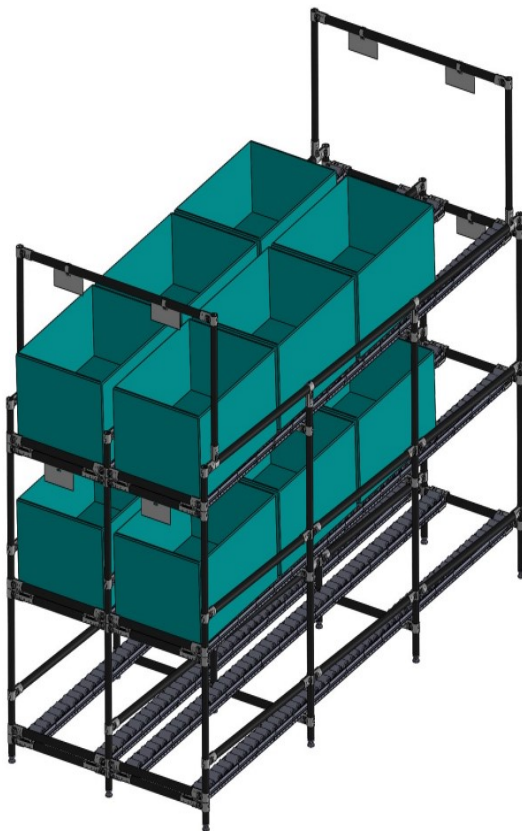
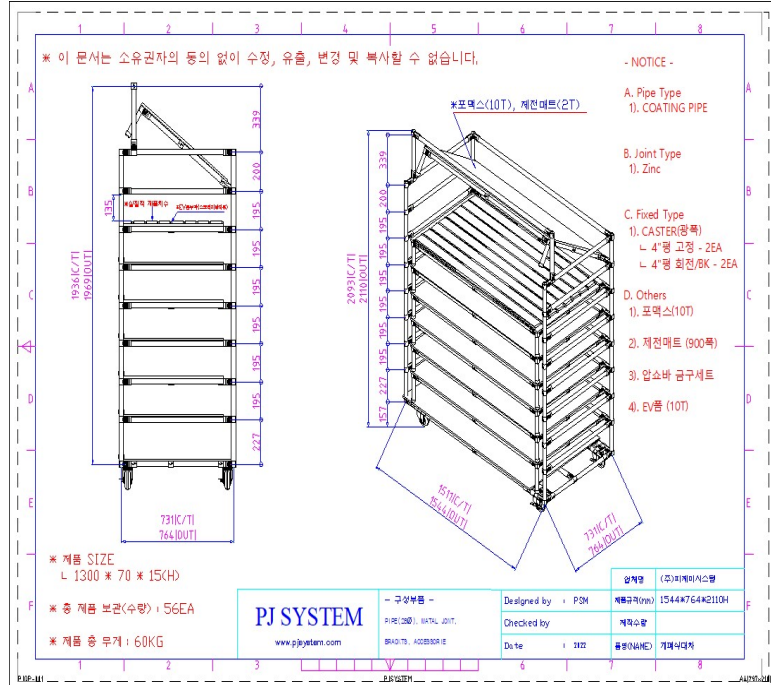
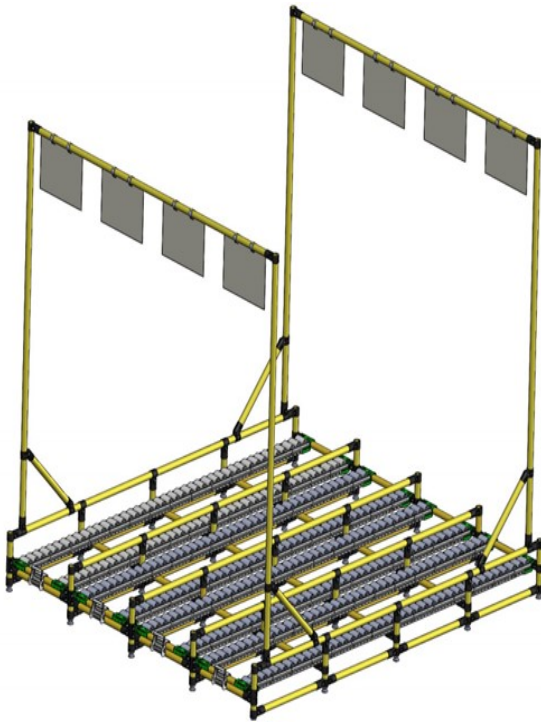
520	• 파이프 절단 길이 Practical length of pipe to be cutted

DRAWING





DRAWING



APPLICATIONS

[1]. 작업대 (적용사례)



APPLICATIONS

[1]. 작업대 (적용사례)



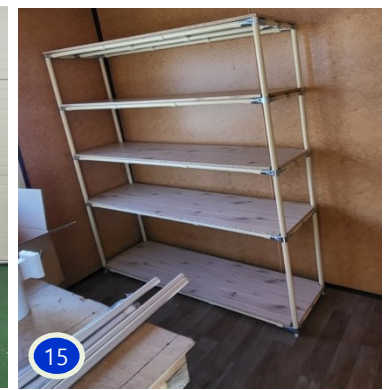
APPLICATIONS

[2]. 적치대 (적용사례)



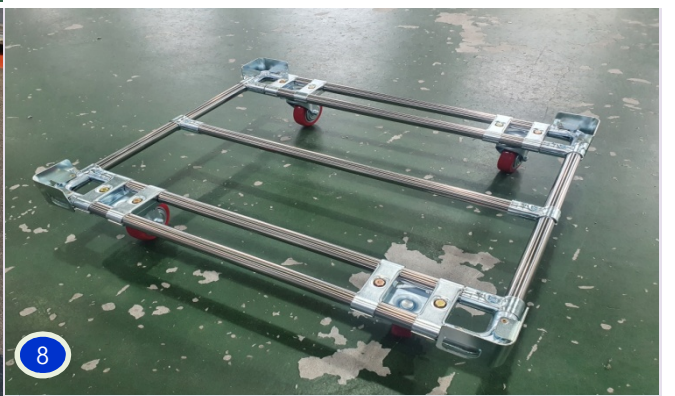
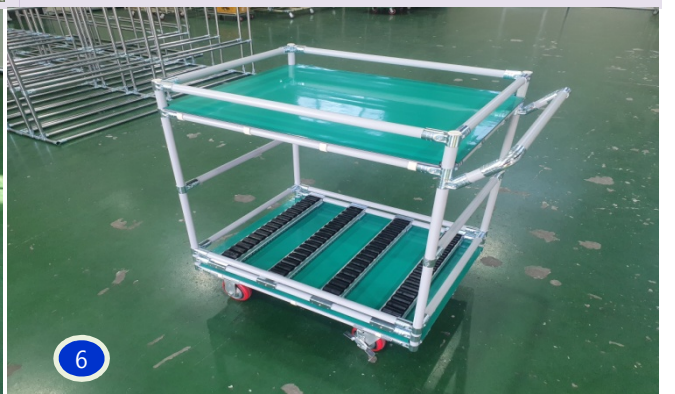
APPLICATIONS

[2]. 적치대 (적용사례)



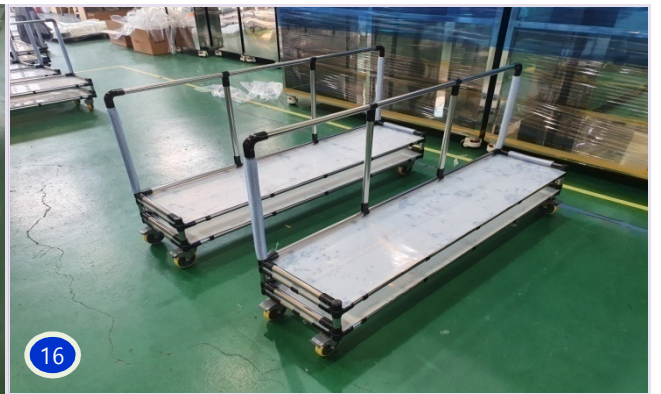
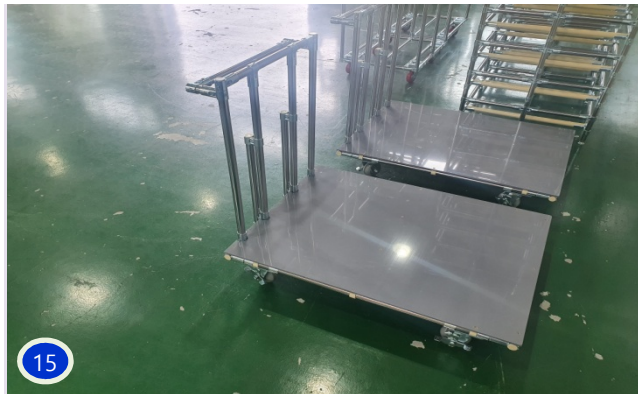
APPLICATIONS

[3]. 이동대차 (적용사례)



APPLICATIONS

[3]. 이동대차 (적용사례)



APPLICATIONS

[4]. 적재대차 (적용사례)



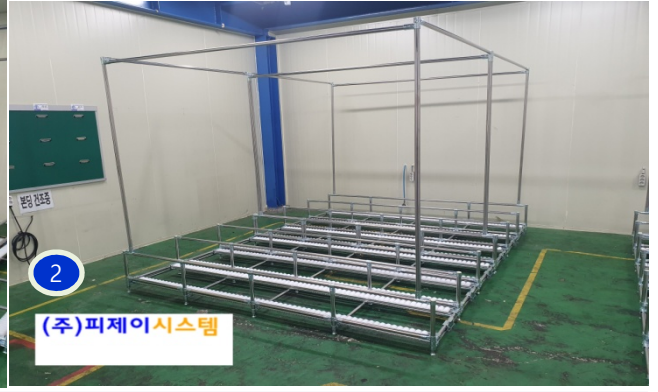
APPLICATIONS

[4]. 적재대차 (적용사례)



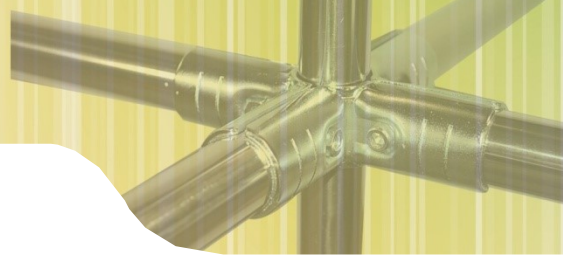
APPLICATIONS

[5]. 선입선출랙 - 1단 (적용사례)

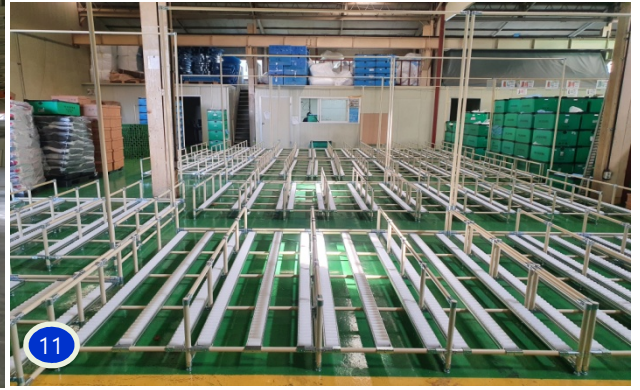


APPLICATIONS

[5]. 선입선출랙 - 1단 (적용사례)



10



11



12



13



14



15



16



17

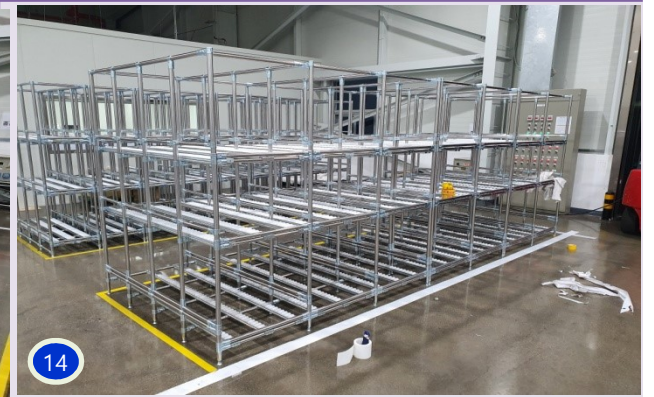
APPLICATIONS

[5]. 선입선출랙 - 2단이상 (적용사례)



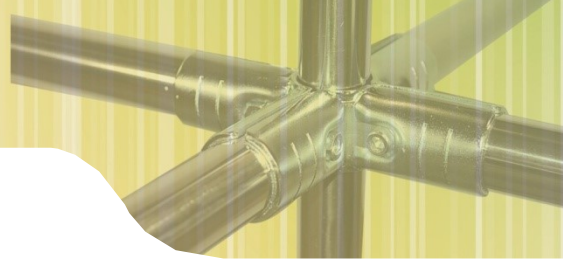
APPLICATIONS

[5]. 선입선출랙 - 2단이상 (적용사례)



APPLICATIONS

[6]. 선입선출랙 - ESD제전용 (적용사례)



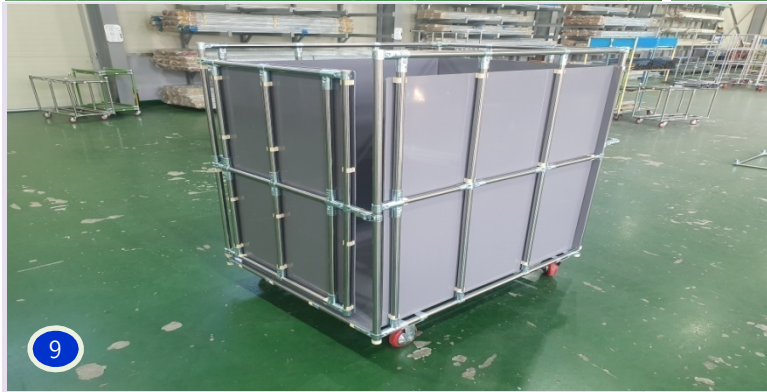
APPLICATIONS

[7]. 개폐식 대차 (적용사례)



APPLICATIONS

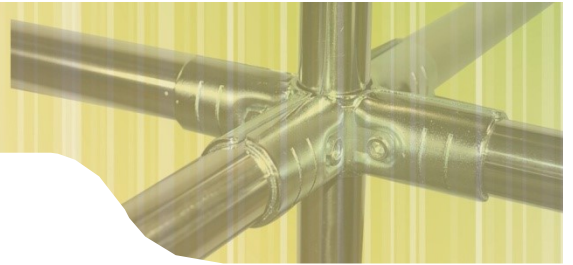
[8]. 납품용 대차 (적용사례)



APPLICATIONS

[8]. 납품용 대차 (적용사례)





APPLICATIONS

[9]. 캐비닛보관대, 경량랙 (적용사례)



APPLICATIONS

[10]. 파렛트랙, 증량랙 (적용사례)



APPLICATIONS

[10]. 파렛트랙, 증량랙 (적용사례)





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