

## PIPE & JOINT SYSTEM

for total logistics system



본사 및 공장  
경상남도 밀양시 상남면 이연길 24 (우) 50449  
TEL. (055) 354-7822  
FAX. (055) 354-7821  
Home page : www.dongalo.co.kr  
E-mail : dongalo@hanmail.net

### DONG-A LOGISTIC

HEAD OFFICE & FACTORY  
24, Iyeon-gil, Sangnam-myeon, Miryang-si,  
Gyeongsangnam-do, S.Korea.  
TEL. 82-55-354-7822  
FAX. 82-55-354-7821



PIPE & JOINT SYSTEM

PIPE & JOINT SYSTEM은 자신의 생각을 즉시 실현하고 그 효과를 바로 확인할 수 있습니다!

파이프 & 조인트 시스템은 아이디어에서 제작까지의 창조 활동을 실현합니다. 표면을 ABS 수지로 피복한 고브린 파이프와 풍부한 종류의 조인트에 의하여 다양한 구조체를 손쉽게 제작할 수 있는 특성과 시스템을 갖춘 제품입니다.

조립이 간단하여 특별한 기술이 없어도 제작이 가능합니다. Simple Assembling and Easy producing without special skills

표면이 수지로 코팅 처리되어 청결함이 오래 유지됩니다. Clean and Durable : Coated with ABS resin

제작에 실패하여도 수정이 간단합니다. Simple Correction : In the case of making mistakes

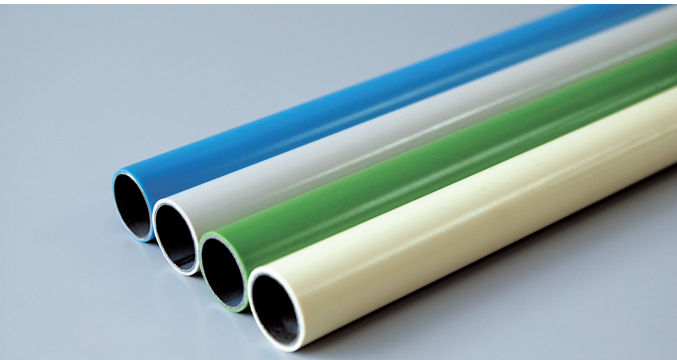
경량 자재이므로 제작 및 제작물의 핸드링이 용이합니다. Easy to handle the products : Made of light materials

제작을 위한 설비가 필요 없습니다. Unnecessary to equip special facilities for producing

용접할 필요가 없어 안전하며, 현장 맞춤이 간단합니다. High Safety, Simple Fitting to working places : Unnecessity to weld

계속적인 개선 활동을 추진할 수 있습니다. Continuous Reforming Activities are possible

고브린 파이프
GOBLIN PIPE



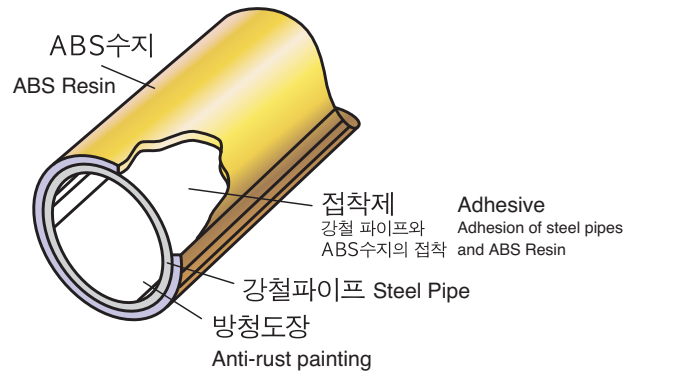
고브린 파이프의 규격
SPECIFICATIONS OF GOBLIN PIPES

Table with 3 columns: MATERIALS, DIMENSION, COLORS. MATERIALS: 냉간압연강판(SPCC-1) 1t, 피복 ABS수지 1t. DIMENSION: Ø28 × 4m. COLORS: IV, GR, BL, GN.

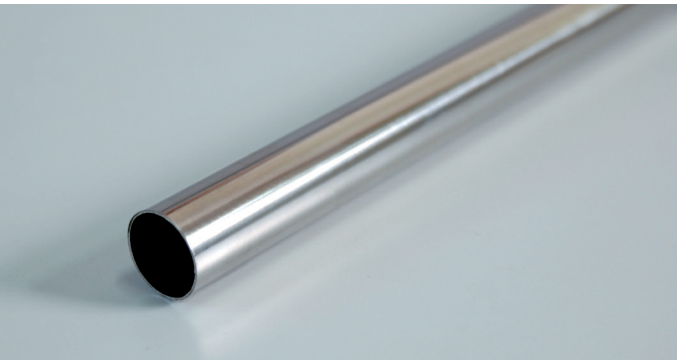
고브린파이프는 강철 파이프로 내구성, 내약품성, 내충격성이 뛰어난 ABS수지를 접착, 피복하였습니다. 그래서 튼튼하고 가볍으며 특히 파이프 내면에 방청도장하여 녹슬지 않으며 청결함을 오래 유지할 수 있습니다.

The GOBLINE PIPE is steel pipe pasted up, and coated with ABS Resin having excellent durability, chemical resistance, impact resistance, solid and light.

고브린 파이프의 구조
STRUCTURE OF GOBLIN PIPES



나이코 파이프
NICO PIPE



나이코 파이프의 규격
SPECIFICATIONS OF NICO PIPES

Table with 2 columns: MATERIALS, DIMENSION, COLORS. MATERIALS: STS 430 / 439 0.7t. DIMENSION: Ø28 × 4m. COLORS: SILVER

나이코파이프는 스텐레스 파이프로 100% 재활용할 수 있는 환경친화 제품입니다. 그리고 용제나 절삭유, 기름이 많은 곳에서도 사용할 수 있도록 코팅파이프의 문제점을 개선한 제품입니다.

100% Recyclable pipe. Minimal containment by oil and shemical spill. Compensate the defect form coating pipe.

메탈 조인트
METAL JOINT

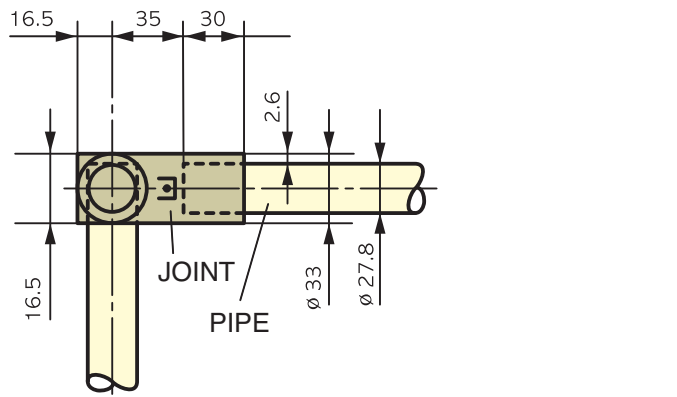
조인트는 메탈 조인트와 플라스틱 조인트가 있고, 용도에 따라 사용할 수 있도록 다양한 종류를 갖추고 있습니다. 메탈 조인트는 볼트, 너트에 의한 조임 고정이므로 조립분해가 가능합니다. 이 조인트들은 각각의 뛰어난 기능을 갖고 있고 또 병용할 수 있기 때문에 사용 목적에 맞게 선택할 수 있습니다. 플라스틱 조인트는 산아르 접착액(고브린 전용)을 주입하여 고정하는 방법으로 한번 접착하면 떨어지지 않습니다.

메탈 조인트의 규격
SPECIFICATIONS OF METAL JOINTS

Table with 2 columns: MATERIALS, WEIGHT, COLORS. MATERIALS: SPCC-1 (2.6t). WEIGHT: 1개당 평균 240g (average 240g a piece). COLORS: BLACK, SILVER, CHROME ※ 단, 색상에 따라 품종이 한정되어 있습니다

조인트의 구조는 아래 그림과 같은 모양으로 되어 있습니다. 파이프는 조인트에 30mm 들어가도록 되어 있고 그이상 들어가지 않도록 조인트의 안쪽에 표시가 되어 있습니다. (단 일부 조인트는 다른 것도 있습니다) Joints have the same structure of the figure on the right. Pipes are designed to be inserted to Joints only 30mm. There is an indication inside the joint not to be inserted any more. (but, there are some exceptions)

메탈 조인트의 치수
DIMENSIONS OF METAL JOINTS





메탈조인트  
단품

<div>H-1(MJ-2101SV)</div> <div></div> <div>240pcs/box, 73g/pc</div>	<div>H-1B(MJ-2201SV)</div> <div></div> <div>240pcs/box, 65g/pc</div>	<div>H-2(MJ-2102SV)</div> <div></div> <div>150pcs/box, 98g/pc</div>
<div>H-3(MJ-2103SV)</div> <div></div> <div>70pcs/box, 136g/pc</div>	<div>H-4(MJ-2104SV)</div> <div></div> <div>180pcs/box, 116g/pc</div>	<div>H-5(MJ-2105SV)</div> <div></div> <div>300pcs/box, 44g/pc</div>
<div>H-6(MJ-2106SV)</div> <div></div> <div>300pcs/box, 57g/pc</div>	<div>H-6B(MJ-2206SV)</div> <div></div> <div>300pcs/box, 39g/pc</div>	<div>H-7(MJ-2107SV)</div> <div></div> <div>180pcs/box, 52g/pc</div>
<div>H-7B(MJ-2207SV)</div> <div></div> <div>180pcs/box, 47g/pc</div>	<div>H-8(MJ-2108SV)</div> <div></div> <div>300pcs/box, 48g/pc</div>	<div>H-9(MJ-2109SV)</div> <div></div> <div>100pcs/box, 143g/pc</div>
<div>H-10(MJ-2110SV)</div> <div></div> <div>180pcs/box, 66g/pc</div>	<div>H-11(MJ-2111SV)</div> <div></div> <div>200pcs/box, 67g/pc</div>	<div>H-11B(MJ-2211SV)</div> <div></div> <div>200pcs/box, 67g/pc</div>
<div>H-12(MJ-2112SV)</div> <div></div> <div>200pcs/box, 63g/pc</div>	<div>H-13(MJ-2113SV)</div> <div></div> <div>140pcs/box, 97g/pc</div>	<div>H-14(MJ-2114SV)</div> <div></div> <div>150pcs/box, 81g/pc</div>


METAL JOINTS  
INDIVIDUAL

<div>H-15A(MJ-2115SV)</div> <div></div> <div>300pcs/box, 43g/pc</div>	<div>H-15B(MJ-2115SV)</div> <div></div> <div>300pcs/box, 38g/pc</div>	<div>H-16(MJ-2116SV)</div> <div></div> <div>300pcs/box, 54g/pc</div>
<div>H-16B(MJ-2116SV)</div> <div></div> <div>300pcs/box, 54g/pc</div>	<div>H-17(MJ-2117SV)</div> <div></div> <div>180pcs/box, 71g/pc</div>	<div>H-18(MJ-2118SV)</div> <div></div> <div>240pcs/box, 69g/pc</div>
<div>H-19(MJ-2119SV)</div> <div></div> <div>250pcs/box, 64g/pc</div>	<div>H-20(MJ-2120SV)</div> <div></div> <div>150pcs/box, 97g/pc</div>	<div>H-21(MJ-2121SV)</div> <div></div> <div>150pcs/box, 104g/pc</div>
<div>H-22(MJ-2122SV)</div> <div></div> <div>NEW 180pcs/box, 75g/pc</div>	<div>H-23(MJ-2123SV)</div> <div></div> <div>NEW 180pcs/box, 75g/pc</div>	<div>H-45A(MJ-2145SV)</div> <div></div> <div>140pcs/box, 64g/pc</div>
<div>H-45B(MJ-2245SV)</div> <div></div> <div>140pcs/box, 64g/pc</div>	<div>H-108(MJ-21108SV)</div> <div></div> <div>140pcs/box, 106g/pc</div>	<div>H-162(MJ-21162SV)</div> <div></div> <div>180pcs/box, 108g/pc</div>

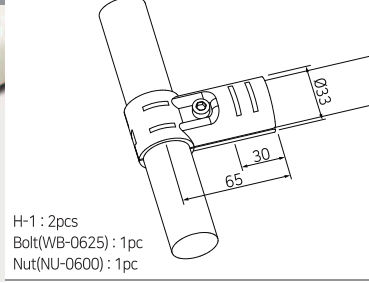
 BLACK (BK)  SILVER(SV)  NICKEL(NI)

메탈조인트  
세트

HJ-1




90 ° JOINT TO FORM T-INTERSECTION OR CORNER

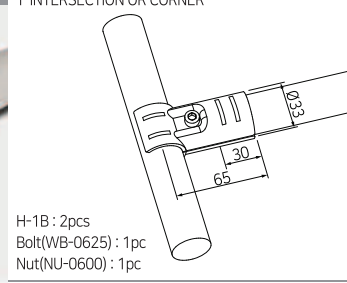


H-1 : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-1B

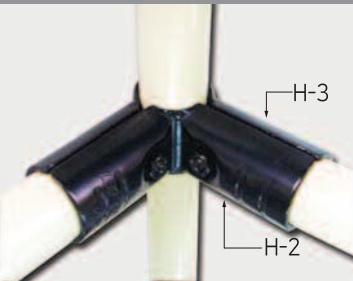


90 ° JOINT OPEN TO FORM T-INTERSECTION OR CORNER

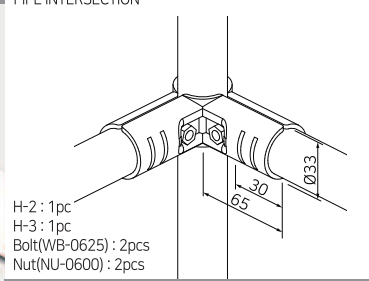


H-1B : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-2

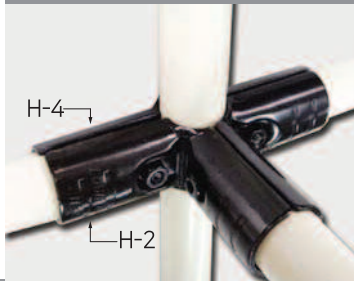


INSIDE CORNER JOINT TO FORM 3 WAY PIPE INTERSECTION

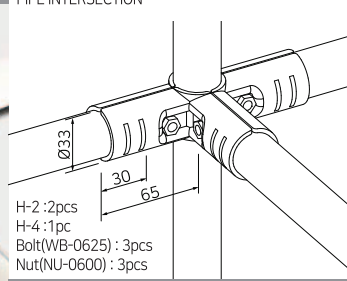


H-2 : 1pc  
H-3 : 1pc  
Bolt(WB-0625) : 2pcs  
Nut(NU-0600) : 2pcs

HJ-3




OUTSIDE CORNER JOINT TO FORM 4 WAY PIPE INTERSECTION

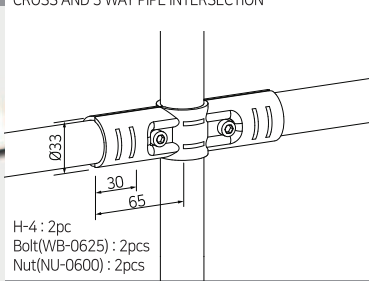


H-2 : 2pcs  
H-4 : 1pc  
Bolt(WB-0625) : 3pcs  
Nut(NU-0600) : 3pcs

HJ-4




EXTENDER SUPPORT JOINT TO FORM CROSS AND 3 WAY PIPE INTERSECTION

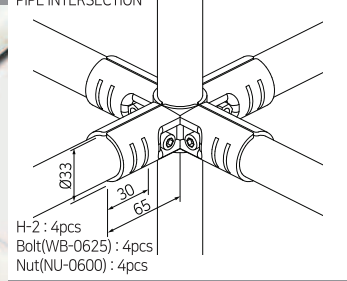


H-4 : 2pc  
Bolt(WB-0625) : 2pcs  
Nut(NU-0600) : 2pcs

HJ-5




INSIDE CORNER JOINT TO FORM 5 WAY PIPE INTERSECTION

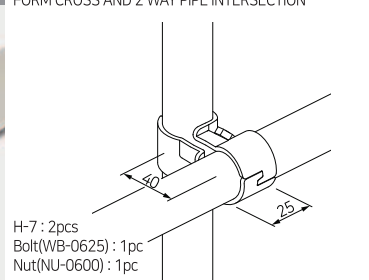


H-2 : 4pcs  
Bolt(WB-0625) : 4pcs  
Nut(NU-0600) : 4pcs

HJ-6




INTERSECT JOINT, DOUBLE LOCK TO FORM CROSS AND 2 WAY PIPE INTERSECTION

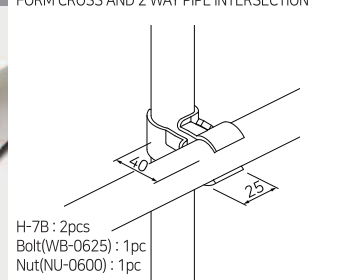


H-7 : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-6B



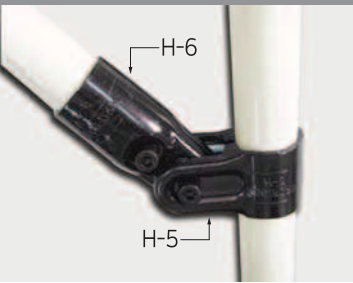
INTERSECT JOINT, SINGLE LOCK TO FORM CROSS AND 2 WAY PIPE INTERSECTION



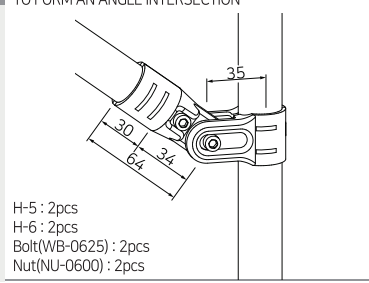
H-7B : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

METAL JOINTS  
SET

HJ-7

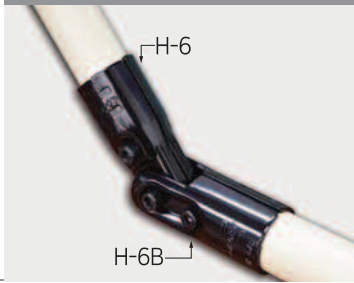


MULTI ANGLE JOINT EXTENSION, TO FORM AN ANGLE INTERSECTION

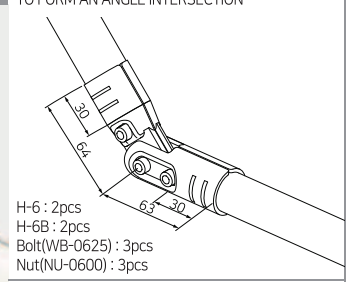


H-5 : 2pcs  
H-6 : 2pcs  
Bolt(WB-0625) : 2pcs  
Nut(NU-0600) : 2pcs

HJ-7B




MULTI ANGLE JOINT INTERIOR, TO FORM AN ANGLE INTERSECTION

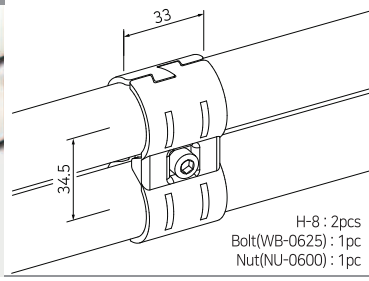


H-6 : 2pcs  
H-6B : 2pcs  
Bolt(WB-0625) : 3pcs  
Nut(NU-0600) : 3pcs

HJ-8

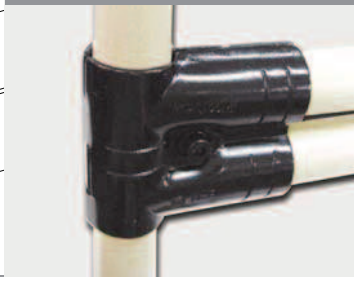


PARALLEL PIPE JOINT

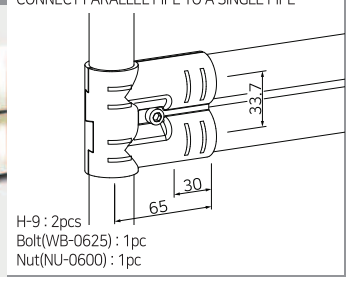


H-8 : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-9




DOUBLE 90 ° PARALLEL PIPE JOINT TO CONNECT PARALLEL PIPE TO A SINGLE PIPE

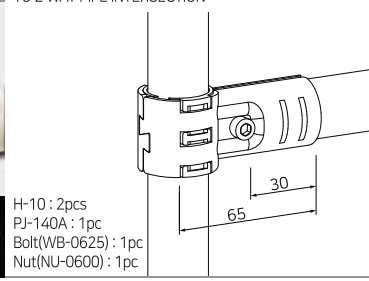


H-9 : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-10




90 ° HINGE JOINT, SLIDING JOINT TO 2 WAY PIPE INTERSECTION

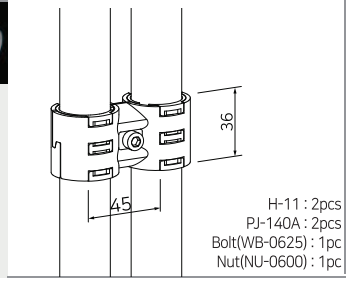


H-10 : 2pcs  
PJ-140A : 1pc  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-11




DOUBLE HINGE JOINT TO CONNECT PARALLEL PIPE

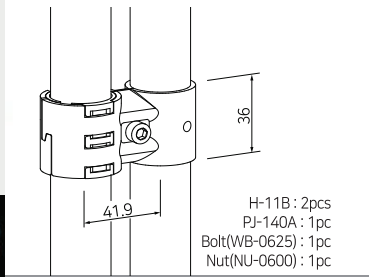


H-11 : 2pcs  
PJ-140A : 2pcs  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc

HJ-11B



SINGLE HINGE JOINT TO CONNECT PARALLEL PIPE



H-11B : 2pcs  
PJ-140A : 1pc  
Bolt(WB-0625) : 1pc  
Nut(NU-0600) : 1pc





메탈조인트  
세트

HJ-12



H-12

H-6

TWO SIDED MULTI ANGLE JOINT TO FORM 3 WAY PIPE INTERSECTION



H-6: 4pcs  
H-12: 2pcs  
Bolt(WB-0625): 4pcs  
Nut(NU-0600): 4pcs

HJ-13



RADIUS JOINT TO FORM A BEND PIPE



H-13: 2pcs  
Bolt(WB-0625): 2pcs  
Nut(NU-0600): 2pcs

HJ-14



45 ° SUPPORT JOINT TO FORM AN ANGLE INTERSECTION



H-14: 2pcs  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

HJ-15



MOUNTING CLAMP



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

HJ-16



90 ° FLAT WITH SLOTTED JOINT TO CONNECT PIPE AND THE PLATE



H-16: 2pcs

HJ-16B



FLAT SHELF HINGE JOINT



H-16B: 2pcs  
Bolt(TS-0408): 2pcs

HJ-17



H-17

90 ° JOINT OVERSIZED



H-17: 2pcs  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

HJ-18



PIPE EXTENSION JOINT TO CONNECT PIPE TO PIPE



H-18: 2pcs  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

METAL JOINTS  
SET

HJ-19



90 ° JOINT WITH FLAT END TO CONNECT ALUMINUM PROFILE



H-19: 2pcs  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

프로파일용 고정 BOLT, NUT는 별도 구매 제품입니다

HJ-20



PJ-140A

EXTENDER SUPPORT SWIVEL JOINT TO FORM INTERSECTION



H-20: 2pcs  
PJ-140A: 1pc  
Bolt(WB-0625): 2pc  
Nut(NU-0600): 2pc

HJ-21



EXTENDER SUPPORT OVERSIZED JOINT TO FORM T INTERSECTION



H-21: 2pcs  
Bolt(WB-0625): 2pcs  
Nut(NU-0600): 2pcs

HJ-22



NEW

90 ° INTERCHANGEABLE JOINT (28mm/28.6mm) FOR CORNER OR T-INTERSECTION



H-22: 2pc  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

HJ-23



NEW

90 ° INTERCHANGEABLE JOINT (28mm/28.6mm) FOR CORNER OR T-INTERSECTION



H-23: 2pc  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

HJ-45



45 ° SUPPORT JOINT TO FORM AN ANGLE INTERSECTION



H-45A: 1pc  
H-45B: 1pc  
Bolt(WB-0625): 1pc  
Nut(NU-0600): 1pc

HJ-108



108 ° JOINT TO FORM AN ANGLE TO BEND PIPE



H-108: 2pcs  
Bolt(WB-0625): 2pcs  
Nut(NU-0600): 2pcs

HJ-162



162 ° JOINT TO FORM AN ANGLE CONNECT TO PIPE

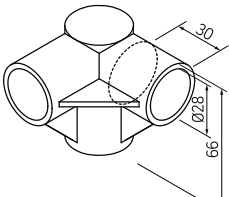
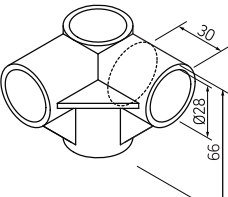
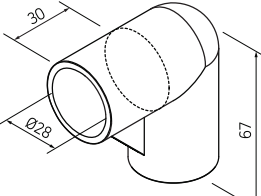
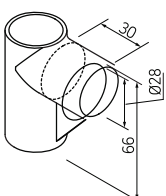
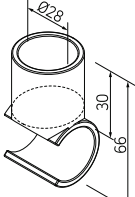
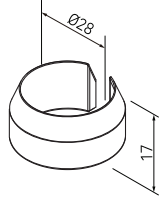
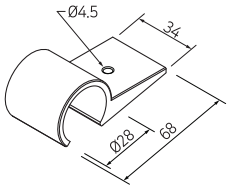
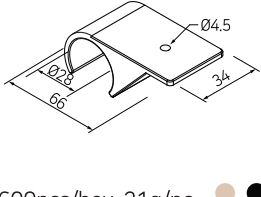
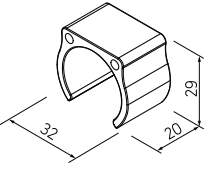
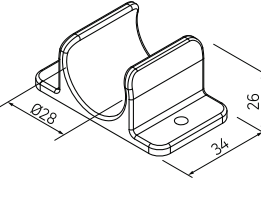


H-162: 2pcs  
Bolt(WB-0625): 2pcs  
Nut(NU-0600): 2pcs

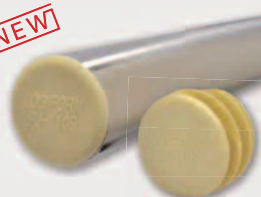
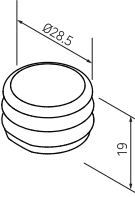

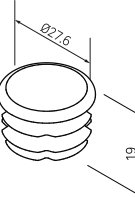

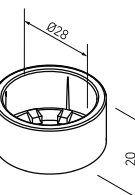

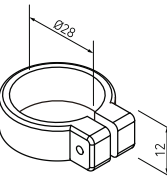

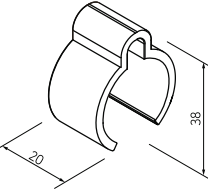

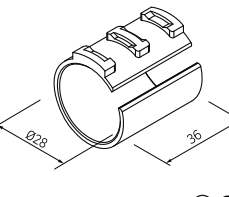

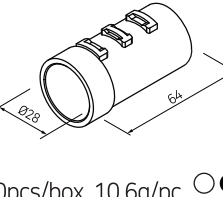



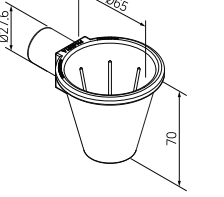

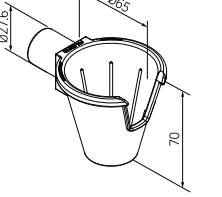




플라스틱 조인트

PJ-104C (IV)	PLASTIC JOINT TOP FLAT TYPE  150pcs/box, 48g/pc	PJ-104D (IV)	PLASTIC JOINT 3 WAY TYPE  150pcs/box, 46g/pc
PJ-105 (IV)	PLASTIC JOINT L TYPE  220pcs/box, 34g/pc	PJ-118 (IV)	PLASTIC JOINT 2 WAY TYPE  250pcs/box, 30g/pc
PJ-159 (IV, BK)	PLASTIC JOINT HOOK  250pcs/box, 18g/pc IV BK	PJ-138C (IV, GR, BK)	TAPERED EDGE  2,000pcs/box, 3.4g/pc IV GR BK
PJ-113 (IV, BK)	PLASTIC JOINT PIPE CLAMP  600pcs/box, 12g/pc IV BK	PJ-113B(IV, BK)	PLATE SUPPORT BRACKET  600pcs/box, 21g/pc IV BK
PJ-138S (IV, GR, BK)	HORIZONTAL HOLDER  2,000pcs/box, 4.3g/pc IV GR BK	PJ-146 (IV, GR, BK)	PLASTIC HINGE  600pcs/box, 10.3g/pc IV GR BK

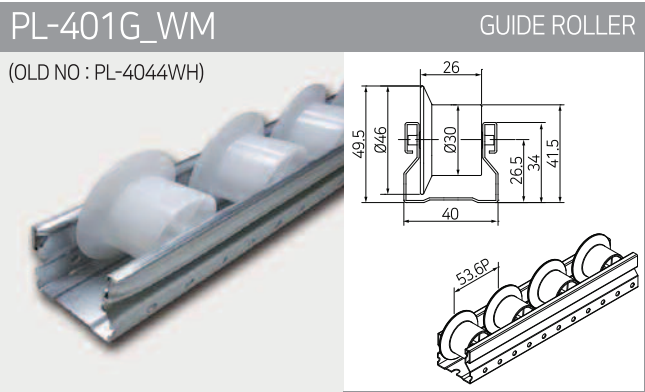
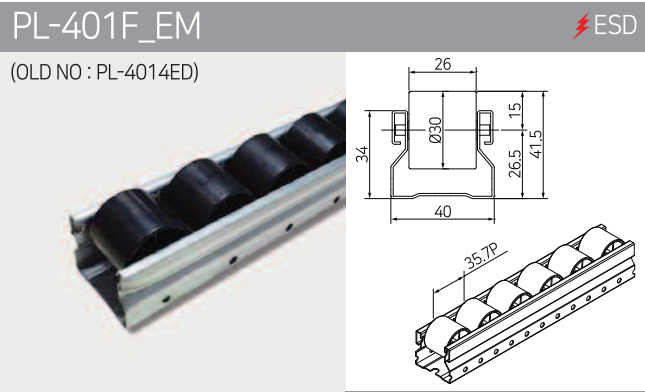
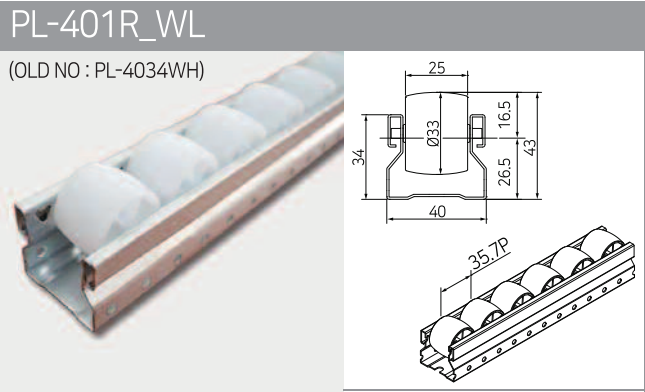
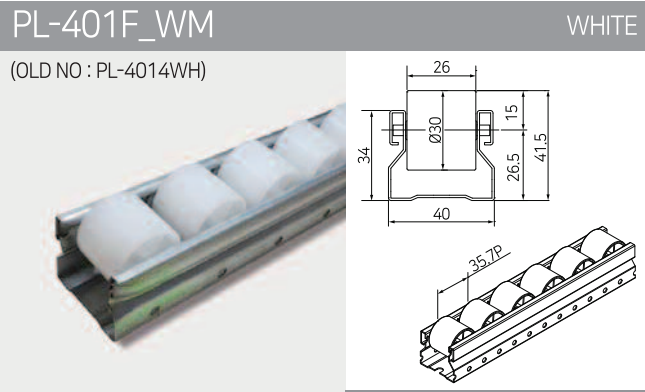
PLASTIC JOINTS

PJ-110S (IV, BK, GR)  For Stainless Pipe	PIPE INNER CAP  2,000pcs/box, 3.3g/pc IV BK GR	PJ-110C (IV, BK, GR)  For Logiform Pipe	PIPE INNER CAP  2,500pcs/box, 3.3g/pc
PJ-149 (IV, BK, GR)  1,500pcs/box, 7.4g/pc IV BK GR	PIPE OUTER CAP  1,500pcs/box, 7.4g/pc IV BK GR	PJ-141 (IV, BK, GR)  2,000pcs/box, 6.5g/pc IV BK GR	PLASTIC SLEEVE for HJ-10/11/20  2,000pcs/box, 6.5g/pc IV BK GR
PJ-138B (IV, BK, GR)  1,500pcs/box, 5.4g/pc IV BK GR	NAME PLATE HANGER  1,500pcs/box, 5.4g/pc IV BK GR	PJ-140A (WH, BK)  850pcs/box, 6g/pc WH BK	PLASTIC JOINT SLEEVE for HJ-10/11/20  850pcs/box, 6g/pc WH BK
PJ-140S (WH, BK)  400pcs/box, 10.6g/pc WH BK	PLASTIC JOINT SLEEVE for HJ-10/11/20  400pcs/box, 10.6g/pc WH BK	PJ-199 (IV, GR)  1,000pcs/box, 10.6g/pc IV GR	PLASTIC DIVIDER  1,000pcs/box, 10.6g/pc IV GR
PH-5001A  160pcs/box, 40g/pc	TOOL HOLDER - A 공구걸이캡  160pcs/box, 40g/pc	PH-5001B  160pcs/box, 38g/pc	TOOL HOLDER - B 공구걸이캡  160pcs/box, 38g/pc

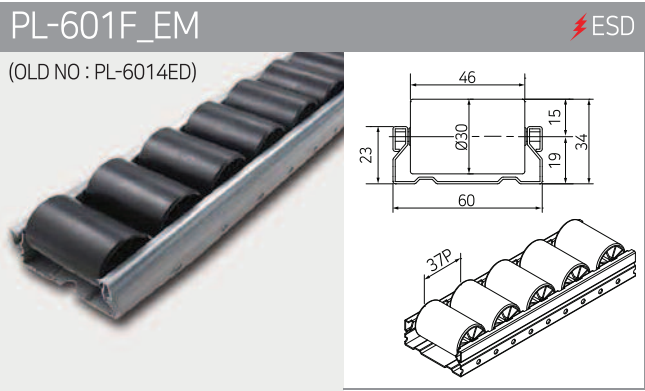
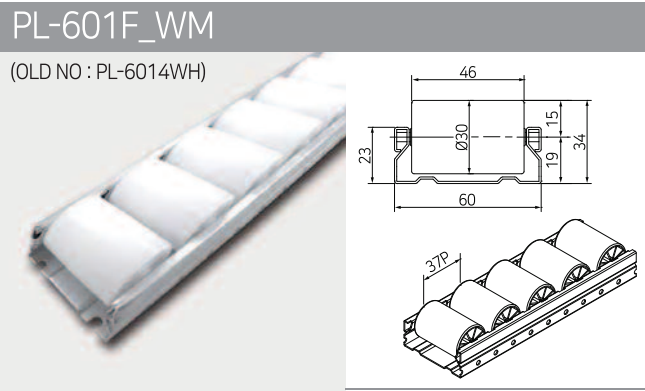


롤러트랙 / 플라콘

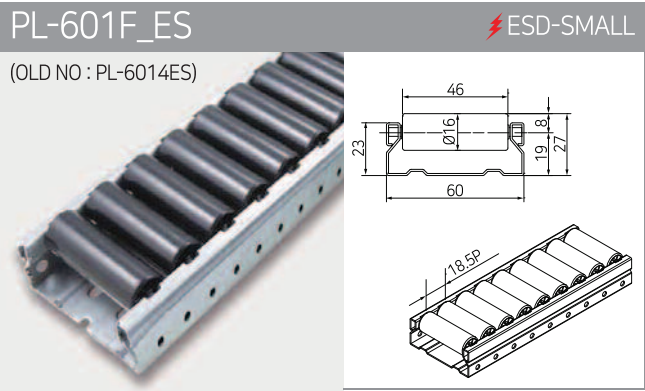
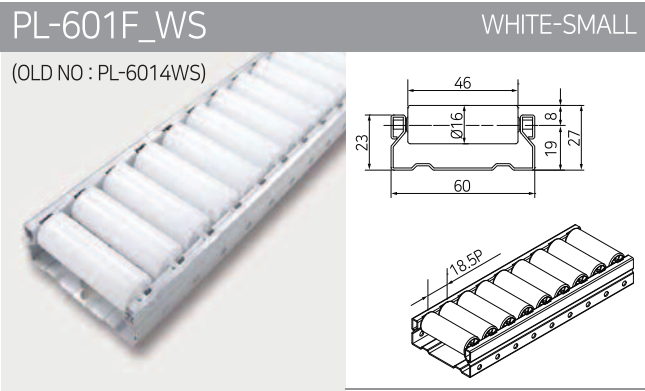
40 SERIES



60 SERIES

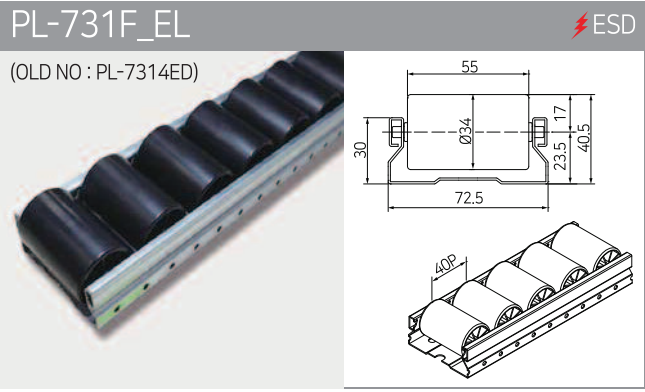
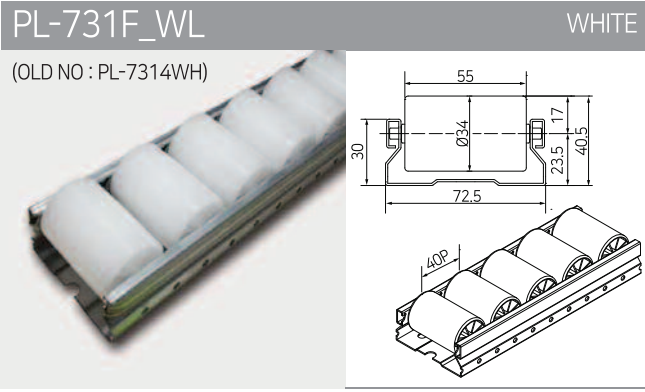


60 SERIES - SMALL ROLLER

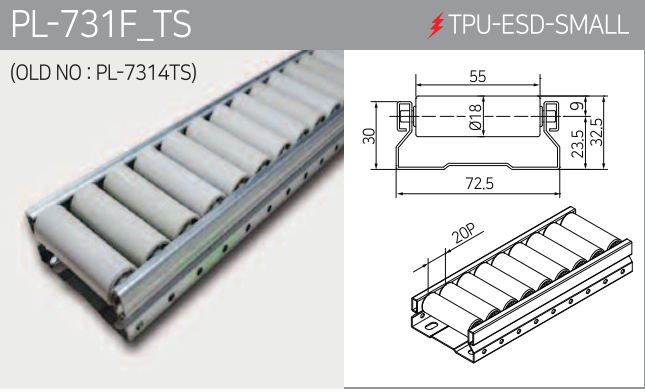
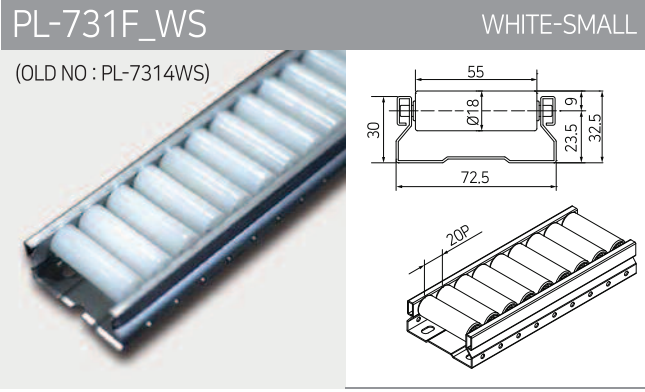


ROLLER TRACKS / PLACONS

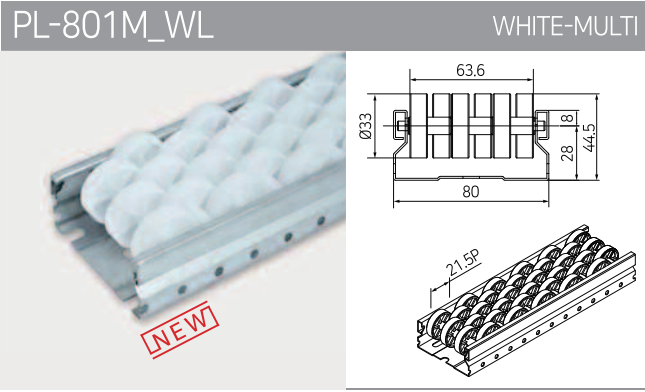
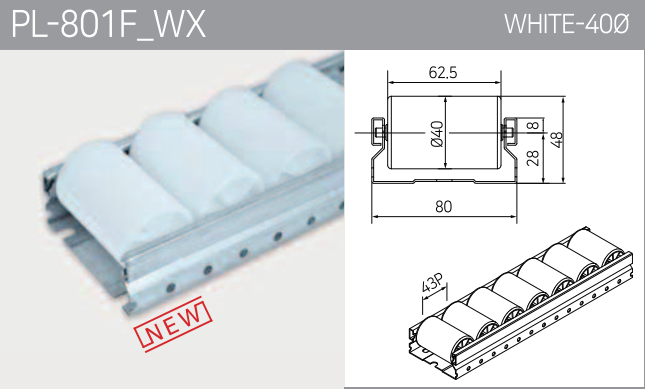
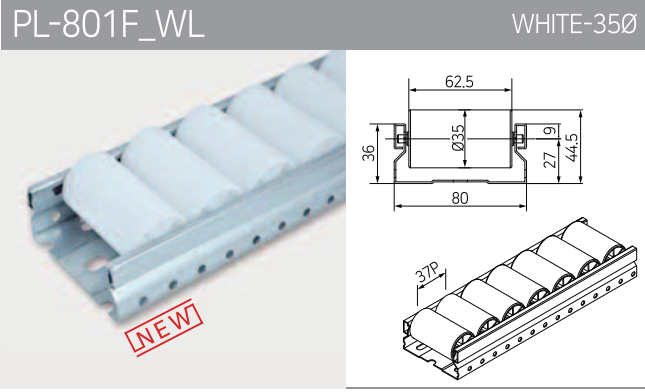
73 SERIES



73 SERIES - SMALL ROLLER



80 SERIES



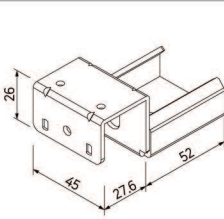



롤러트랙/플라콘 장착지지금구

40 SERIES

PM-4010A

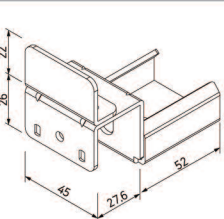

PLACON MOUNT-A



80pcs/box 140g/pc

PM-4010B

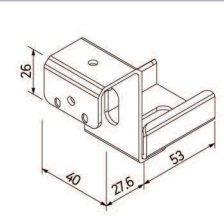

PLACON MOUNT-B



60pcs/box 167g/pc

PM-4010BW

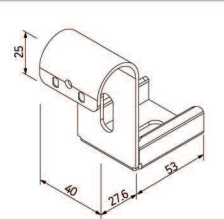
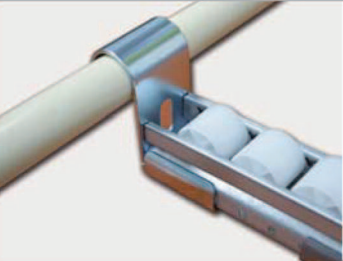
PLACON MOUNT-BW



70pcs/box 157g/pc

PM-4010BR

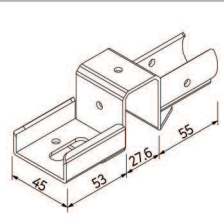

PLACON MOUNT-BR



70pcs/box 160g/pc

PM-4010BS

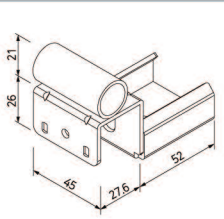
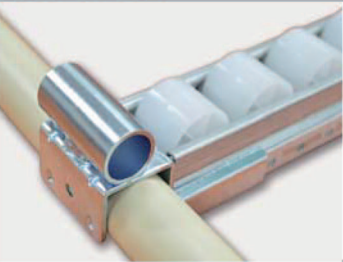
PLACON MOUNT-BS



30pcs/box 243g/pc

PM-4010BP

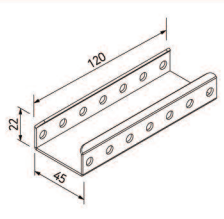

PLACON MOUNT-BP



50pcs/box 184g/pc

PM-4010C

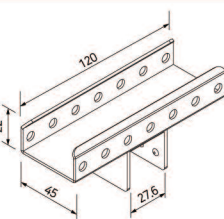

PLACON MOUNT-C



100pcs/box 125g/pc

PM-4010D

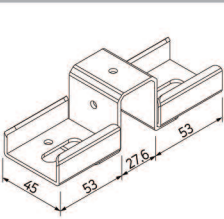
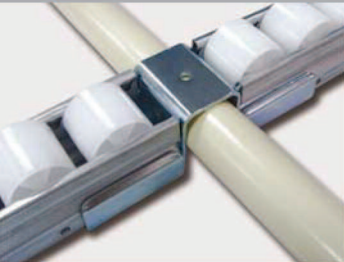
PLACON MOUNT-D



40pcs/box 190g/pc

PM-4010DA

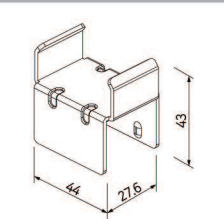

PLACON MOUNT-DA



30pcs/box 243g/pc

PM-4010E

PLACON MOUNT-E



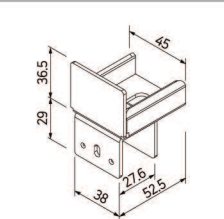
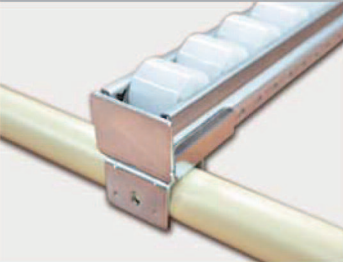
180pcs/box 49g/pc

ROLLER TRACKS CONNECTORS (MOUNTS)

40 SERIES

PM-4010X

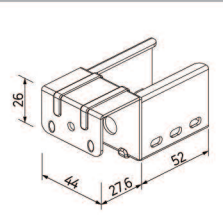
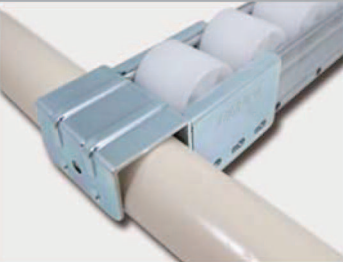
PLACON MOUNT-X



80pcs/box 150g/pc

PM-4011A

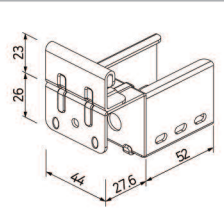

PLACON MOUNT-A



70pcs/box 130g/pc

PM-4011B

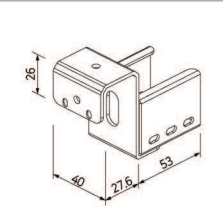
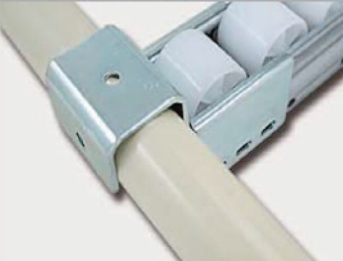
PLACON MOUNT-B



50pcs/box 160g/pc

PM-4011BW

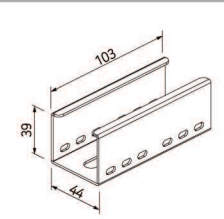

PLACON MOUNT-BW



60pcs/box 170g/pc

PM-4011C

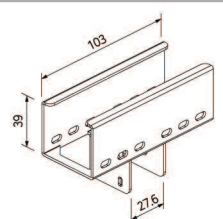

PLACON MOUNT-C



70pcs/box 154g/pc

PM-4011D

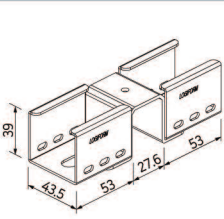

PLACON MOUNT-D



40pcs/box 163g/pc

PM-4011DA

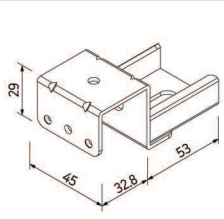

PLACON MOUNT-DA



30pcs/box 267g/pc

PM-4012A

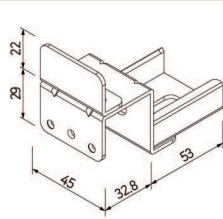

PLACON MOUNT-A (32Φ)



60pcs/box 163g/pc

PM-4012B

PLACON MOUNT-B (32Φ)



40pcs/box 195g/pc

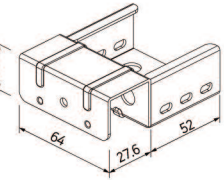



롤러트랙/플라콘 장착지지금구

60 SERIES

PM-6010A

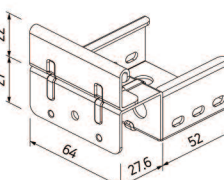
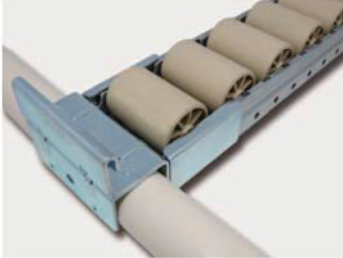
PLACON MOUNT-A



60pcs/box 138g/pc

PM-6010B

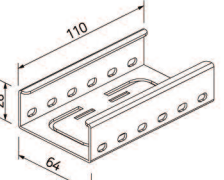

PLACON MOUNT-B



50pcs/box 176g/pc

PM-6010C

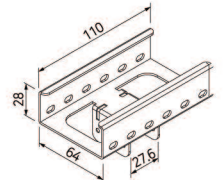

PLACON MOUNT-C



60pcs/box 163g/pc

PM-6010D

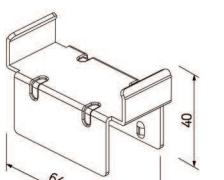

PLACON MOUNT-D



30pcs/box 207g/pc

PM-6010E

PLACON MOUNT-E

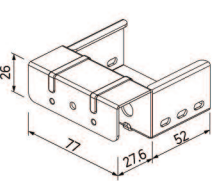
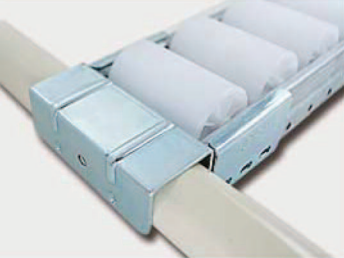


120pcs/box 64g/pc

73 SERIES

PM-7311A

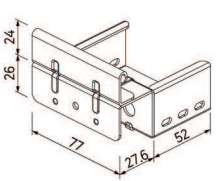

PLACON MOUNT-A



40pcs/box 175g/pc

PM-7311B

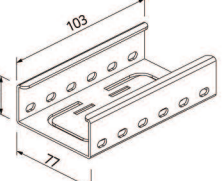

PLACON MOUNT-B



300pcs/box 227g/pc

PM-7311C

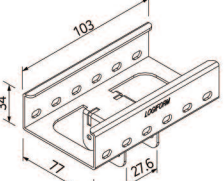

PLACON MOUNT-C



40pcs/box 188g/pc

PM-7311D

PLACON MOUNT-D



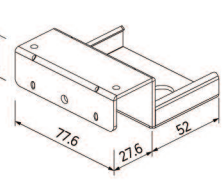

20pcs/box 195g/pc

ROLLER TRACKS CONNECTORS(MOUNTS)

73 SERIES

PM-7310A

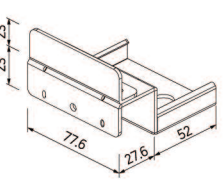
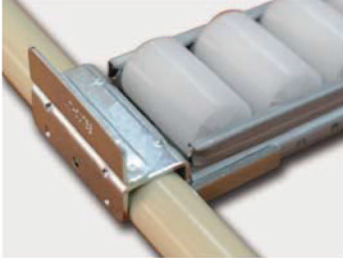
PLACON MOUNT-A



40pcs/box 198g/pc

PM-7310B

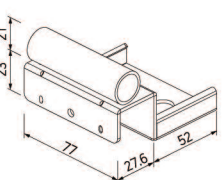
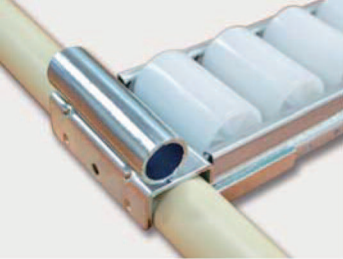
PLACON MOUNT-B



30pcs/box 250g/pc

PM-7310BP

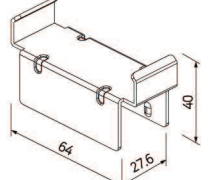

PLACON MOUNT-BP



30pcs/box 267g/pc

PM-7310E

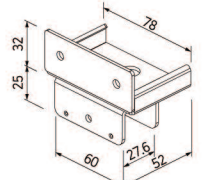
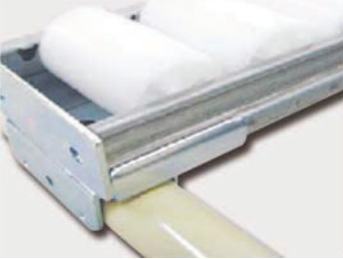
PLACON MOUNT-E



100pcs/box 76g/pc

PM-7310X

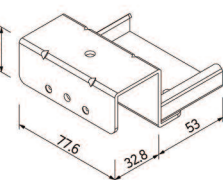

PLACON MOUNT-X



50pcs/box 210g/pc

PM-7312A

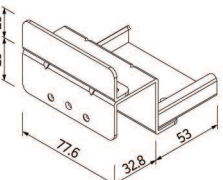

PLACON MOUNT-A (32Φ)



40pcs/box 273g/pc

PM-7312B

PLACON MOUNT-B (32Φ)

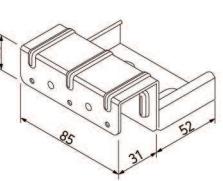



30pcs/box 350g/pc

80 SERIES

PM-8010A

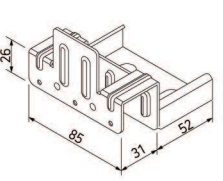

PLACON MOUNT-A



30pcs/box 208g/pc

PM-8010B

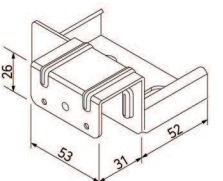

PLACON MOUNT-B



20pcs/box 202g/pc

PM-8010L

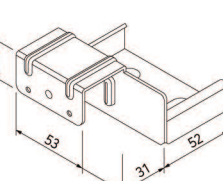

PLACON MOUNT-L



30pcs/box 176g/pc

PM-8010R

PLACON MOUNT-R




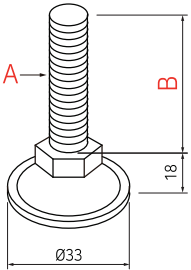
30pcs/box 176g/pc



보조부품  
ADJUSTERS


ADJUSTER

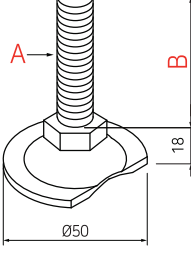




PRODUCT CODE	THREAD SIZE (Inch,mm) A	BASE DIAMETER	LENGTH B	QTY / UNIT WEIGHT
AD-3012 ISM (OLD NO : AD-3012SS)	1/2"	Φ33	50	150pcs/box, 80g/pc
AD-3012 ISL (OLD NO : AD-3012SL)			100	100pcs/box, 110g/pc
AD-3012 ISX (OLD NO : AD-3012SX)			150	50pcs/box, 164g/pc
NEW AD-3010 MSM	M10		50	150pcs/box, 66g/pc
NEW AD-3012 MSM	M12		50	150pcs/box, 75g/pc
NEW AD-3012 MSL	M12		100	100pcs/box, 105g/pc


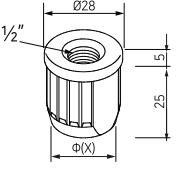

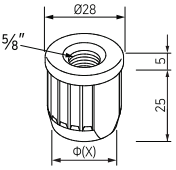
ADJUSTER





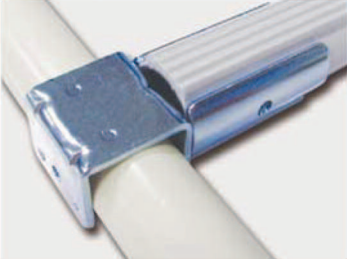
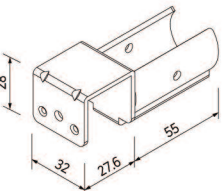
PRODUCT CODE	THREAD SIZE (Inch,mm) A	BASE DIAMETER	LENGTH B	QTY / UNIT WEIGHT
AD-5012 ISM (OLD NO : AD-5012LS)	1/2"	Φ50	50	150pcs/box , 95g/pc
AD-5012 ISL (OLD NO : AD-5012LL)			100	80pcs/box , 138g/pc
AD-5012 ISX (OLD NO : AD-5012LX)			150	50pcs/box , 180g/pc
NEW AD-5010 MSM	M10		50	150pcs/box , 81g/pc
NEW AD-5012 MSM	M12		50	150pcs/box , 90g/pc
NEW AD-5012 MSL	M12		100	80pcs/box , 133g/pc


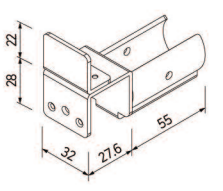
INSERT NUTS - ALUMINIUM


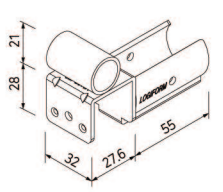
IMAGE	DIMENSION	PRODUCT CODE	THICKNESS (PIPE두께)	PIPES	MODEL	Q'ty / BOX	UNIT WEIGHT	Φ(X)
		IN-1210LA	t1.0	FOR LOGIFORM PIPE	LP-1100	300	21.3g	23.6
		IN-1220LA	t2.0		LP-1200		18g	21.6
		IN-1207SA	t0.7	FOR STAINLESS PIPE	ST-1070		23.5g	26.4
		IN-1209SA	t0.9		ST-1090		25.2g	26
		IN-1211SA	t1.1		ST-1110		23.7g	25.6
		IN-5810LA	t1.0	FOR LOGIFORM PIPE	LP-1100	300	18g	23.6
		IN-5820LA	t2.0		LP-1200		16.1g	21.6
		IN-5807SA	t0.7	FOR STAINLESS PIPE	ST-1070		21g	26.4
		IN-5809SA	t0.9		ST-1090		22.3g	26
		IN-5811SA	t1.1		ST-1110		21.9g	25.6


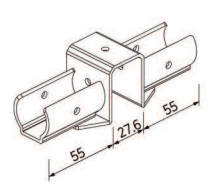
※ Please contact HBL's sales representative for an up-to-date product information.


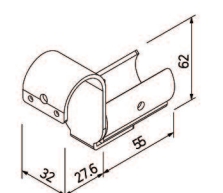
ACCESSORIES  
SLIDE PIPE MOUNTS


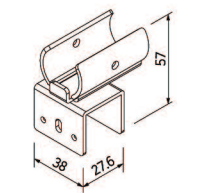
SM-2810A	SLIDE MOUNT-A
	
	100pcs/box 122g/pc


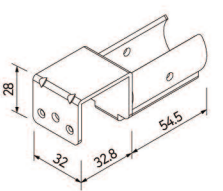
SM-2810B	SLIDE MOUNT-B
	
	80pcs/box 145g/pc


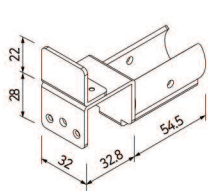
SM-2810BP	SLIDE MOUNT-BP
	
	80pcs/box 155g/pc


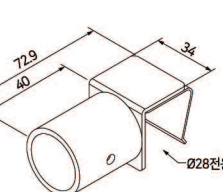
SM-2810C	SLIDE MOUNT-C
	
	30pcs/box 240g/pc

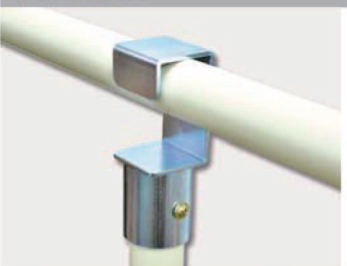
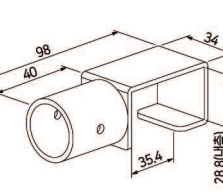
SM-2810D	SLIDE MOUNT-D
	
	80pcs/box 138g/pc


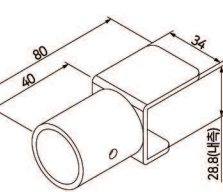
SM-2810G	SLIDE MOUNT-G GUIDE MOUNT
	
	90pcs/box 132g/pc

SM-2812A	SLIDE MOUNT-A (32Φ)
	
	100pcs/box 120g/pc

SM-2812B	SLIDE MOUNT-B (32Φ)
	
	80pcs/box 148g/pc

MT-5301	PIPE SNAP REST
	
	120pcs/box, 140g/pc

MT-5302	PIPE REST - A
	
	90pcs/box, 169g/pc

MT-5303	PIPE REST - B
	
	120pcs/box, 140g/pc



MT-5110 PIPE CLAMP-A, 안장금구-A

300pcs/box 66g/pc

MT-5111 PIPE CLAMP-B, 안장금구-B

400pcs/box 20g/pc

MT-5112 PIPE CLAMP-C, 안장금구-C

200pcs/box 26g/pc

MT-5113 BOARD FIXING-A, 판지고정금구-A

150pcs/box 62g/pc

MT-5114 BOARD FIXING-B, 판지고정금구-B

400pcs/box 14g/pc

MT-5120 PIPE HANGER,파이프걸이

1,000pcs/box 8g/pc

MT-5123 PIPE CONNECTOR,파이프연결금구

150pcs/box 74g/pc

MT-5125 BAND HANGER, 밴드걸이

150pcs/box 48g/pc

MT-5126 LOCK MOUNT, 로크금구

150pcs/box 48g/pc

MT-5127 HANGER U-TYPE, U형거

100pcs/box 70g/pc

MT-5109 CASTER STRAP 캐스터지금구

150pcs/box 95.5g/pc

MT-5109W CASTER STRAP-W, 캐스터지금구-W

120pcs/box 121g/pc

MT-5138L CORNER PLATE-L, 손잡이보강금구-좌

20pcs/box 988g/pc

MT-5138R CORNER PLATE-R, 손잡이보강금구-우

20pcs/box 988g/pc

MT-5139L CORNER PLATE-L, 캐스터 코너 금구-좌

12pcs/box 1,268g/pc

MT-5139R CORNER PLATE-R, 캐스터 코너 금구-우

12pcs/box 1,268g/pc

MT-5116 BOARD BRACKET-A, 판지고정코너금구-A

50pcs/box 110g/pc

MT-5117 BOARD BRACKET-B, 판지고정코너금구-B

50pcs/box 72g/pc

MT-5118 CORNER GUARD 코너금구

30pcs/box 72g/pc

CG-0150BK - CORNER GUIDE

Corner Guard for DOLLY CG-0150BK (40pcs/box, 184.8g/pc)

DOLLY 달리대차

METAL JOINT (HJ-1)

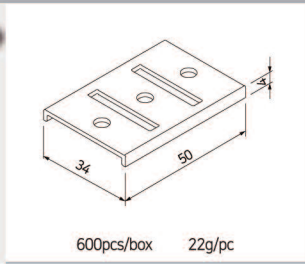

기본사양(standard): 370 \* 570  
※ 기타 사이즈: 주문 사양 제작  
(Size variation is available upon request)  
DL-3757



보조부품

MT-5130A

HANDLE FIXING-A, 손잡이 고정금구-A



600pcs/box 22g/pc

MT-5130B

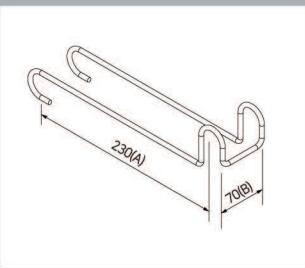
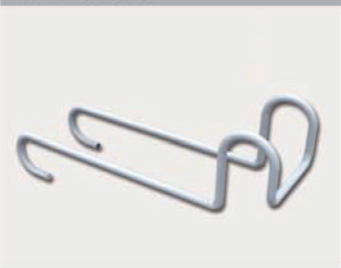
HANDLE FIXING-B, 손잡이 고정금구-B




※끈은 별도 판매  
600pcs/box 22g/pc

WG-0230

WIRE GUIDE



CODE	A	B
WG-0230 190g/pc	230	
WG-0330 240g/pc	330	70
WG-0430 280g/pc	430	

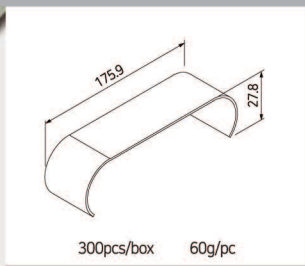



WIRE GUIDE

MIDDLE STOPPERS

MS-4018SV

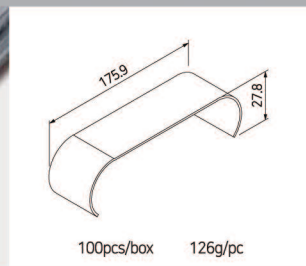

40" MIDDLE STOPPER



300pcs/box 60g/pc

MS-7318SV

73" MIDDLE STOPPER

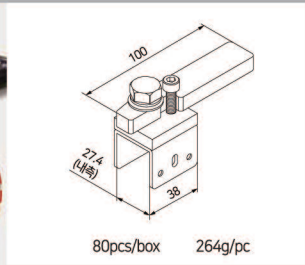



100pcs/box 126g/pc

BOX STOPPERS

MT-5320

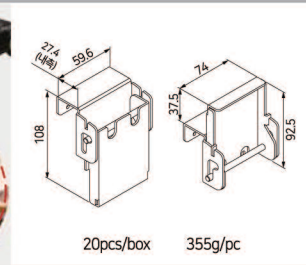
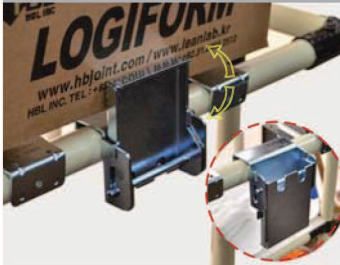
BOX STOPPER-A



80pcs/box 264g/pc

MT-5321

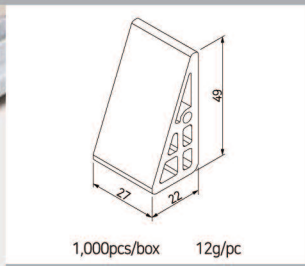

BOX STOPPER-B



20pcs/box 355g/pc

PJ-1401BK

PLACON REVERSE BRAKE

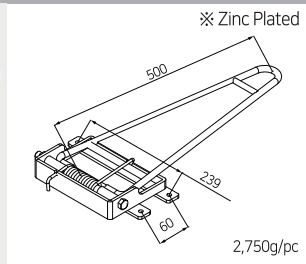
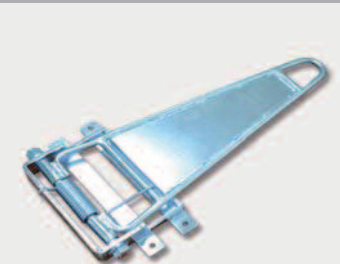


1,000pcs/box 12g/pc

ACCESSORIES

MT-5140A

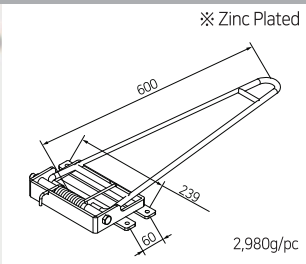

TRACTION ARM-A 500, 견인고리-A500



※ Zinc Plated  
2,750g/pc

MT-5141A

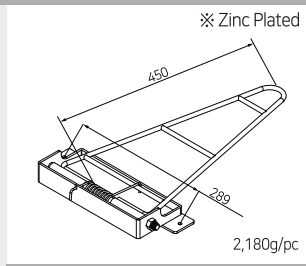

TRACTION ARM-A 600, 견인고리-A600



※ Zinc Plated  
2,980g/pc

MT-5142B

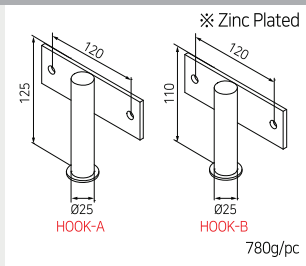

TRACTION ARM-B 500, 견인고리-B



※ Zinc Plated  
2,180g/pc

MT-5143A/B

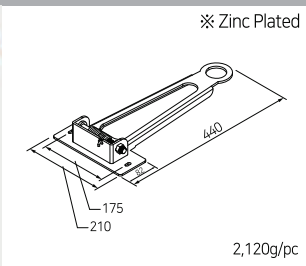

TRACTION HOOK-A / B



※ Zinc Plated  
HOOK-A  
HOOK-B  
780g/pc

MT-5149A

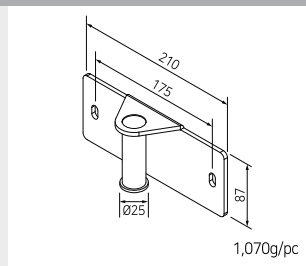

TRACTION ARM



※ Zinc Plated  
2,120g/pc

MT-5149B

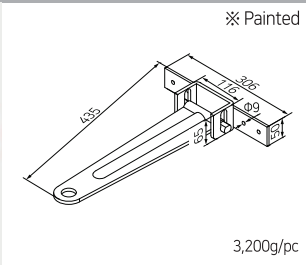

TRACTION HOOK



1,070g/pc

MT-5144A

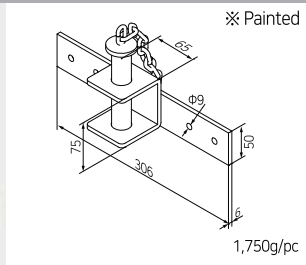

TRACTION ARM-A 견인고리-A



※ Painted  
3,200g/pc

MT-5145A

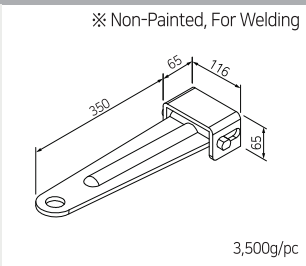

TRACTION HOOK-A 견인고리-A



※ Painted  
1,750g/pc

MT-5144B

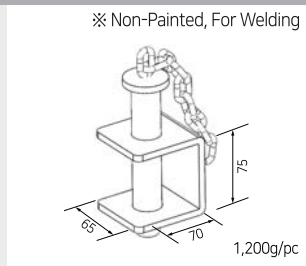

TRACTION ARM-B 견인고리-B



※ Non-Painted, For Welding  
3,500g/pc

MT-5145B

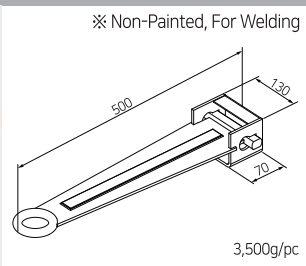

TRACTION HOOK-B 견인고리-B



※ Non-Painted, For Welding  
1,200g/pc

MT-5144C

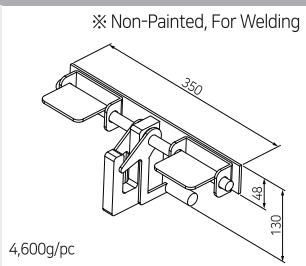

TRACTION ARM-C, 견인고리-C



※ Non-Painted, For Welding  
3,500g/pc

MT-5145C

TRACTION HOOK-C, 견인고리-C

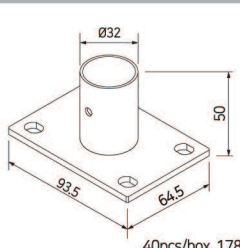



※ Non-Painted, For Welding  
4,600g/pc



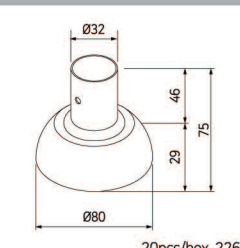

MT-5121

STANCHION MOUNT 바닥 고정금구



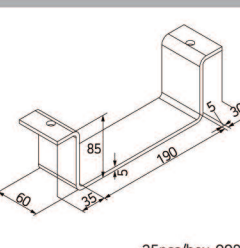
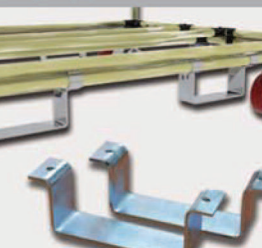
MT-5119

OVERLAP CAP 중복캡



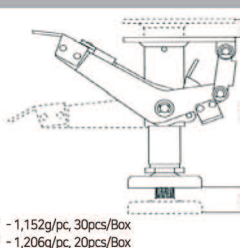

MT-5100

FORKLIFT HOOK 지게차포크 이탈방지 금구



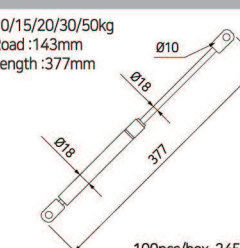

MT-5148 (4" / 5" / 6")

FLOOR LOCK



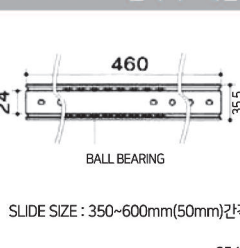

MT-5143

GAS SPRING



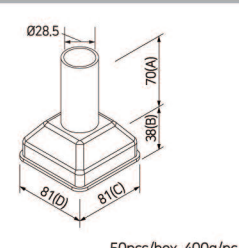

MT-5147

SLIDE RAIL 슬라이드레일



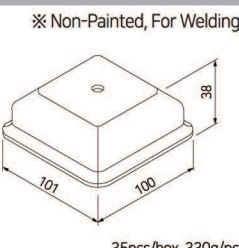

MT-5119S

SQUARE CAP 사각종발이



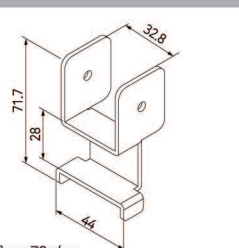

MT-5119W

SQUARE CAP 사각종발이



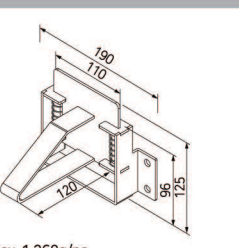

MT-5311

CASTER FIXING HOLDER



MT-5151

SLIDE MODULATOR



MT-5211

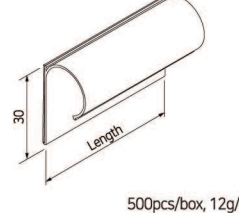

ZN PLATING ANGLE 아연앵글



ACCESSORIES  
NAME PLATES

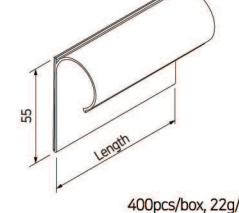

PRODUCT CODE	HEIGHT	LENGTH	WEIGHT	Q'TY
LH-3010CS	30mm	100	12g	500
LH-3015CS		150	18g	350
LH-3020CS		200	24g	300
LH-3030CS		300	36g	150

LH-3010CS



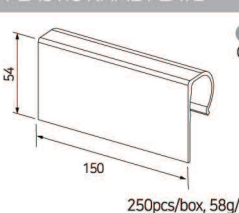

PRODUCT CODE	HEIGHT	LENGTH	WEIGHT	Q'TY
LH-5010CL	55mm	100	22g	400
LH-5015CL		150	33g	200
LH-5020CL		200	44g	200
LH-5030CL		300	66g	100

LH-5010CL



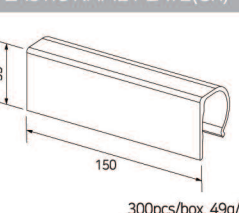

PN-5415

PLASTIC NAME PLATE

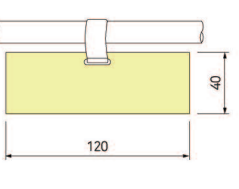



PN-3515

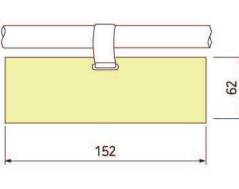

PLASTIC NAME PLATE (GR)



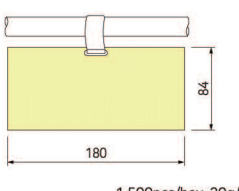

NP-0120



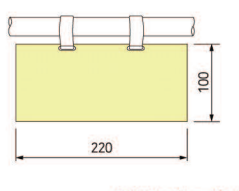

NP-0152



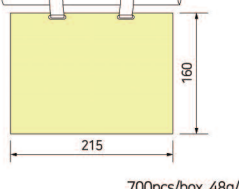

NP-0180



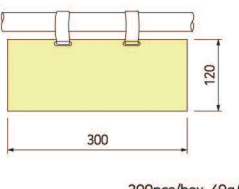

NP-0220



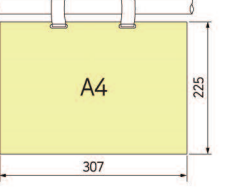

NP-0215



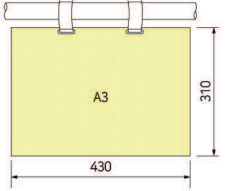
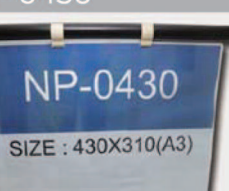
NP-0300



NP-0307



NP-0430





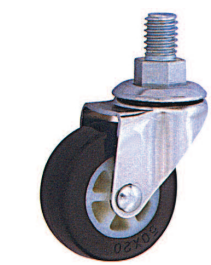
캐스터

파이프 삽입형 캐스터 제원

SPECIFICATION OF PIPE INSERTING TYPES

품 명	바퀴직경 mm	바퀴폭 mm	전체높이 mm	볼트 규격	허용하중 kg
2"볼트	50	20	73	1/2"×12⅓×25⅔	35
3"볼트	75	32	105	5/8"×11⅓×32⅔	80

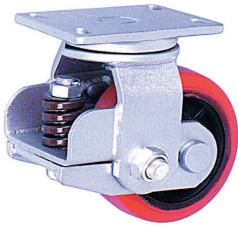
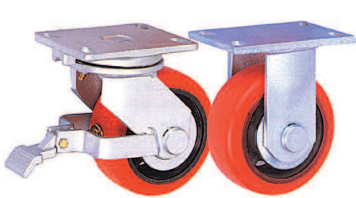
※ 아제스터너트 및 부싱너트를 사용함  
※ Using adjuster nuts and bushing nuts.



PLATE형 캐스터 제원

SPECIFICATION OF PLATE TYPES

품 명	바퀴직경 mm	바퀴폭 mm	전체높이 mm	볼트 규격	허용하중 kg	허용하중 kg
3"회전	75	32	105	85×95	10	130
3"고정	75	32	105	85×95	10	130
3"회전BK	75	32	105	85×95	10	130
4"회전	100	35	135	85×95	10	150
4"고정	100	35	135	85×95	10	150
4"회전BK	100	35	135	85×95	10	150
5"회전	125	40	163	100×116	10	170
5"고정	125	40	163	100×116	10	170
5"회전BK	125	40	163	100×116	10	170
6"회전	150	43	188	100×116	10	200
6"고정	150	43	188	100×116	10	200
6"완충회전	150	43	200	100×110	10	150
6"완충고정	150	43	200	100×110	10	150



CASTERS

바퀴 재질

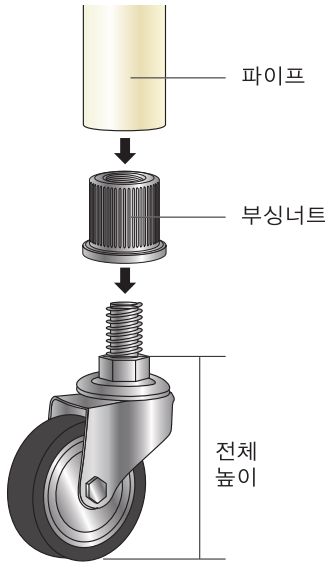
Material of a Wheel

고무, 나일론, 우레탄  
Rubber, Nylon, Urethane



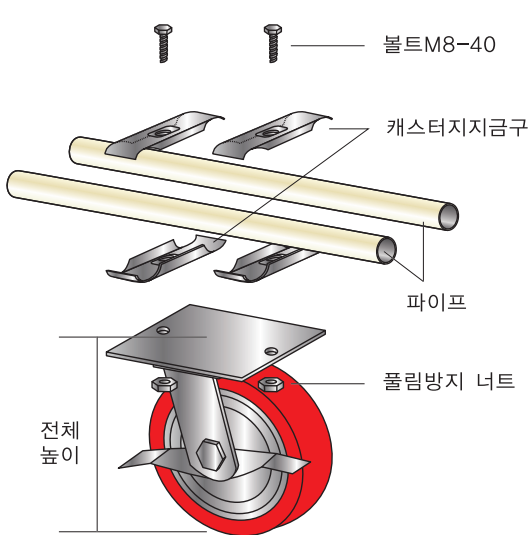
파이프 삽입형

Pipe Inserting Types



파이프 부착형 (Plate형)

Pipe attaching Types(Plate Types)



실용하중 = 캐스터 바퀴 1개당 내하중 × 사용 캐스터 수 × 0.33  
실용하중은 캐스터(4륜)만의 실용하중이 아니고 대차, 적치대의 구조를 고려하여  
안전률을 약 3배로 늘린 숫자입니다.

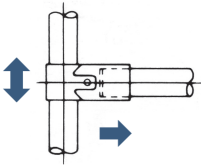
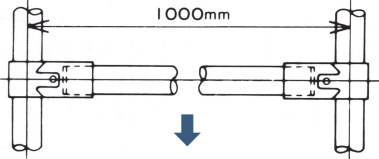
Practical Load = Permissible load of one caster × Number of casters used × 0.33  
The Practical Load is not simply the practical load of casters used(4 casters),  
but it is calculated by considering the structure of vehicle and racks loadable and by raising the  
safety rates up to near 3 times



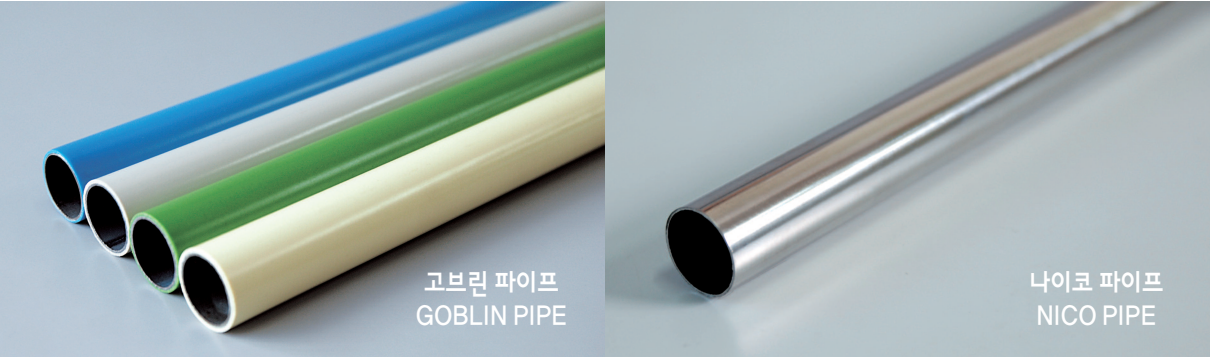
메탈조인트와 GOBLIN PIPE의 강도  
THE STRENGTH OF METAL JOINTS AND GOBLIN PIPES

PIPE & JOINT는 다른 재료(철, 알루미늄, 나무 등)와 같이 파이프와 조인트의 연결법에 의해서 강도가 달라집니다.  
PIPE & JOINT로 구조물을 제작하는 경우 그 구조물의 사용목적에 맞는 적절한 강도를 얻을 수 있도록 설계하고  
안정성을 고려하여야 합니다.  
특히 강도를 필요로 하는 구조물은 강도와 안정성을 증시킨 구조로 제작할 필요가 있으므로  
당사 영업부에 문의해 주십시오.

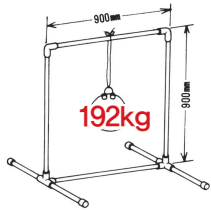
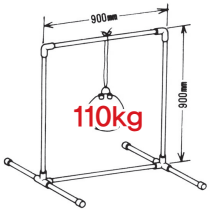


메탈조인트의 강도  
THE STRENGTH OF METAL JOINTS

인장 하중	Ø28 메탈 조인트	
■ 시험조건 • 하중방법 : 수직 · 수평 인장하중 • 인장속도 : 5mm/분 • 온도 : 상온	HJ-1 ~ HJ-10 	메탈 조인트를 고브린 파이프에 연결하여 수직 및 수평에 인장하중을 가한 경우의 최대 하중은 <b>80kg</b>  The maximum load is 80Kg when adhering a metal joint to a Goblin pipe and forcing the tention load toward vertical and horizontal directions. Test Condition Tensile Speed: 5mm/m, Temperature: Normal temperature
비례한계하중	Ø28 메탈 조인트	
■ 시험조건 • 하중방법 : 중앙집중 하중 • 하중속도 : 1kg/분 • 온도 : 상온  ※비례한계하중은 하중을 없애면 원래의 형상으로 되돌아갈 수 있는 최대하중입니다.	HJ-1 ~ HJ-10 	메탈 조인트에 고브린 파이프를 접합하여 간격을 1,000mm로 한 경우의 비례한계하중은 <b>100kg</b>  The proportional margin loads in the case of adhering the metal joints to Goblin pipes with 1,000mm of intervals between two. Test Condition Method of Loading: Centralized Load, Speed of Loading: 1Kg/min, Temperature: Normal temperature

**실사용의 온도 범위**  
PIPE & JOINT에 사용하고 있는 ABS 수지의 실사용 온도는 -10~80℃로 되어 있어 그 범위를 넘는 곳이나 화기 옆에서의 사용은 피해 주십시오.  
The temperature for actual use of ABS Resin utilized at PIPE & JOINT is limited within -10℃~80℃, therefore please avoid the please where the temperature extents its limit, or near heat or fire.



파이프의 강도  
THE STRENGTH OF PIPES

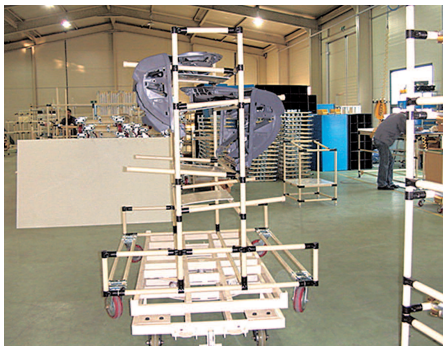
구 분	고브린 파이프	나이코 파이프	비 고
비례한계 하중 ■ 시험조건 • 하중방법 : 중앙집중 하중 • 하중속도 : 1Kg/분 • 온도 : 상온			
등분포 하중 ■ 시험조건 • 하중방법 : 등분포 하중 • 하중속도 : 3Kg/분 • 온도 : 상온			
재 활 용	재처리 비용 발생	100% 재활용	GOBLIN PIPE도 재활용자재이나 폐기시 비용이 발생될 수 있습니다.
도 전 성	특수파이프 및 2차 가공 필요	100% 통전	GOBLIN PIPE는 별도의 도전성 PIPE를 사용합니다.
색 상	아이보리, 청색, 녹색 등	단색	GOBLIN PIPE는 색의 구현이 자유롭습니다.

비교표를 충분히 검토한 후 구조물을 제작하십시오.  
하중의 종류(고정하중, 반복하중, 충격하중, 이동하중 등)에 따라 적합한 소재를 선택하십시오.





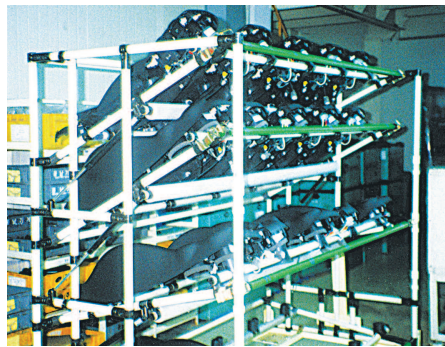
슬라이딩랙



인판넬운반대차



콘솔외주대차



콘솔개폐식서열대차



헤드라이닝서열대차



헨다도장물적치대



힐서열대차



DUCT서열대차



EVA운반대차



LINE용RACK



슬라이딩랙



도어트림피킹대차



도어록서열대차



도장품적재랙



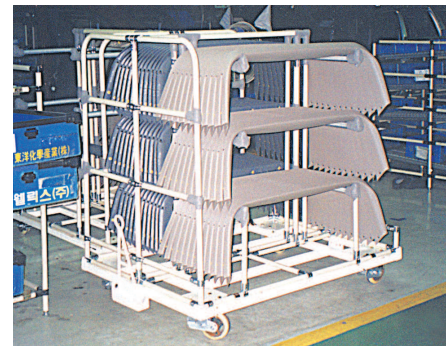
양면서열대차



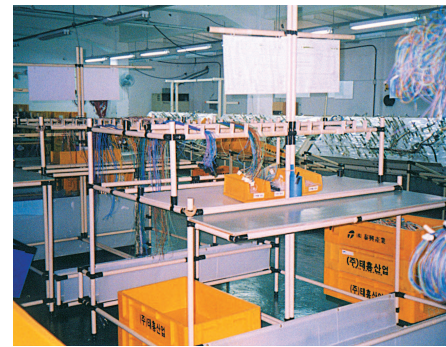
에어백서열대차



트렁크도장물적치대



필라 서열대차



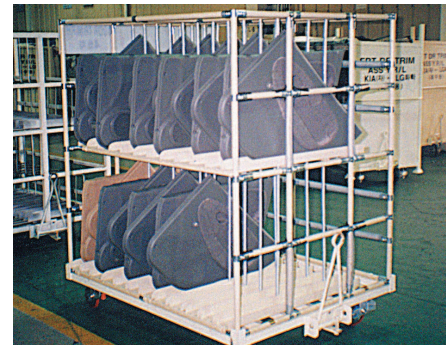
하네스작업대



BACK DOOR 도장물적치대



DOOR GLASS 서열대차



DOOR TRIM 서열대차



REAR LAMP 서열대차



1단 RACK

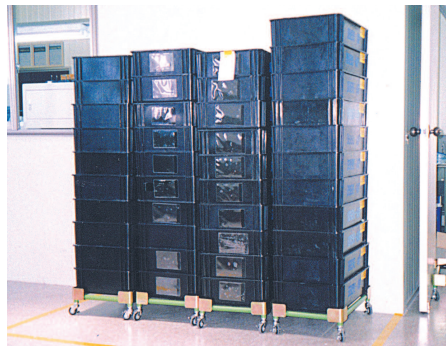


단면서열대차





1단 슬라이딩랙



다단적재대차



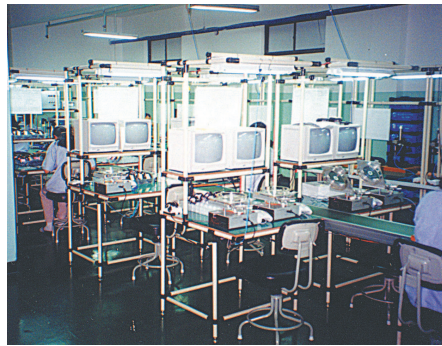
단말기검사원형작업대



단말기조립작업대



자재보관적치대



작업대



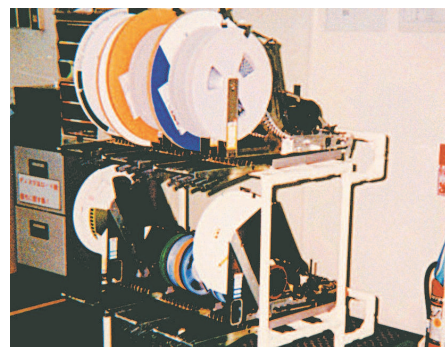
하네스작업대



수지가이드대차



DECK 운반대차



피더적재대차



운반대차



LCD 판넬대차



PCB 운반대차



M,P단말기작업대



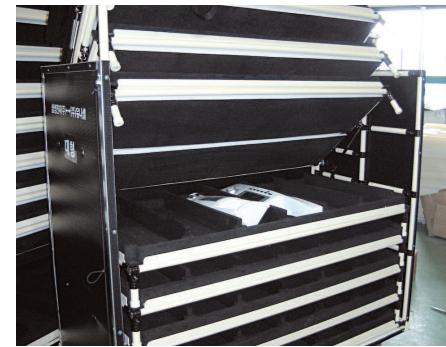
SMD자재보관대



PCB 적치대



서랍식대차



수직개폐대차



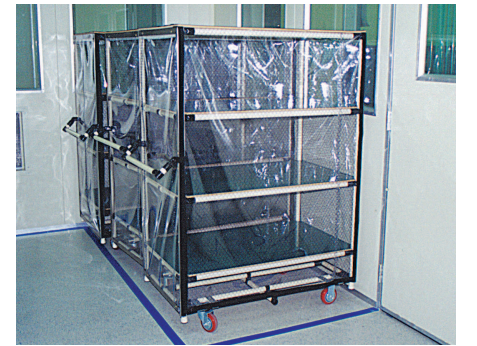
SMD 자재보관적치대



A-ZING대차



BASE 운반대차



이물질방지용대차



자재보관RACK



인식표시콘트롤



DVD COVER 운반대차





1단 슬라이딩랙



슬라이딩랙



슬라이딩랙



슬라이딩랙



대차



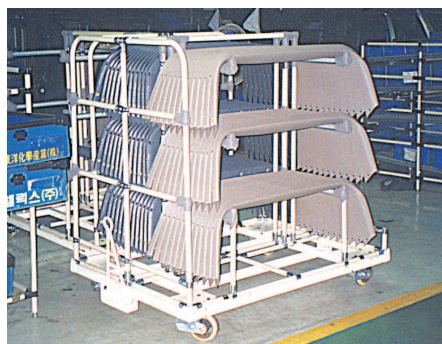
회전대차



다단대차



서열대차



서열대차



납품용 대차



슬라이딩랙



1단 슬라이딩랙



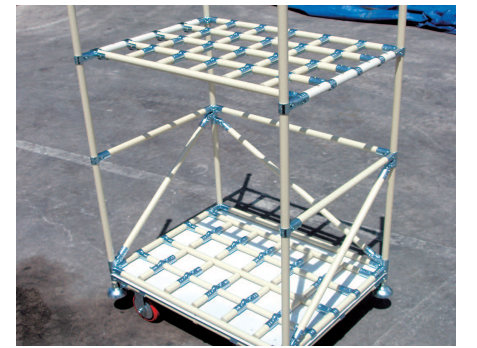
슬라이딩랙



슬라이딩랙



수직개폐대차



대차



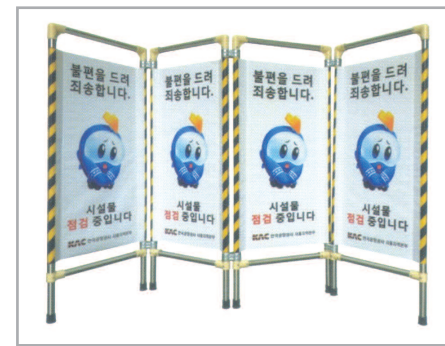
적재대



슬라이딩랙



슬라이딩랙



안전웬스



안전웬스



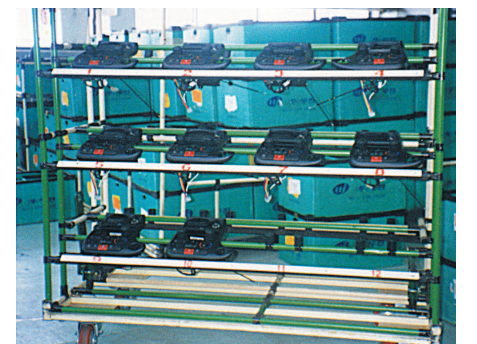
철제콘베이어



안전웬스



안전웬스



서열대차