Ideas Lean

www.ideaslean.com

NUESTRA HISTORIA

IDEAS LEAN es una compañía colombiana con cerca de 11 años de experiencia en el desarrollo de soluciones modulares, flexibles y livianas para la optimización de los procesos productivos en cualquier tipo de industria integrando las iniciativas del Lean Manufacturing.

Tenemos soluciones y aplicaciones de e-commerce, Kaizen, karakuri, sistemas de flujo continuo, células de ensamble, carros de picking, estaciones de trabajo, gestión visual, además de mobiliario diverso para adecuamiento de espacios abiertos y/o cerrados.

MISIÓN

Brindar las mejores y más creativas soluciones de productos y servicios para la fabricación y movimiento de materiales, cumpliendo y superando las expectativas del cliente. La empresa se guiará por la práctica de los valores éticos, el desarrollo de los empleados y el uso sostenible de los recursos.

VISIÓN

Estar siempre presentes. Apoyar y crecer junto con los clientes a través de la entrega de soluciones, productos y servicios innovadores, creando una relación duradera y responsable.

PRINCIPIOS

NUESTROS PRODUCTOS

" Ideas Lean agrega impulso a su plan de rentabilidad en el manejo de materiales"

1. Fácil accesibilidad, en pocos pasos podemos contruir estructuras personalizadas.

2. Apariencia limpia y vívida.

3.Modificación amigable: la implementación rápida de los cambios se puede lograr con el mínimo esfuerzo.

4.Confiable: Crea una estructura fácil de manejar. Es ligero y robusto.

5. Simplicidad: No requiere soldadura, ahora solo necesita conectar una pieza de tubería a otra.

6.Corriente Kaizen: Implementa tus ideas Kaizen en con el propósito de construir estructuras.

TUBERÍA

TUBERÍA EN ACERO RECUBIERTO CON ABS:

Tubo de acero con una superficie externa revestida con resina sintética.

- Es altamente resistente a altas temperatur(max. 100° C).
- Mejor resistencia química.
- Baja cantidad de sustancia nociva emitida por el uso de la resina sintetica.

Unidad de empaque::
LP-1100: 1 barra de 4

Sujetas a disponibilidad.

TUBERÍA

TUBERÍA EN ALUMINIO

Tubo en aluminio

- Es más liviana.
- Es facilmente personalizable en su color.

Unidad de empaque::
IL001WH: 1 barra de 4 metros.(Blanco)
IL001A: 1 barra de 4 metros.(Natural)

TUBERÍA EN ACERO INOXIDABLE

- Mayor resistencia a desgaste superficial.
- Mejor apariencia estéticas.
- Posibilidad de transportar mercancía de manera mas ligera.

Unidad de empaque::
ST-1110: 1 barra de 4

Sujetas a disponibilidad.

UNIÓN METÁLICA

H-1(MJ-2101BK)

240pcs/box, 73g/pc

H-1B(MJ-2201BK)

240pcs/box, 65g/pc

H-2(MJ-2102BK)

150pcs/box, 98g/pc

H-3(MJ-2103BK)

70pcs/box, 136g/pc

H-4(MJ-2104BK)

180pcs/box, 116g/pc

H-5(MJ-2105BK)

300pcs/box, 44g/pc

H-6(MJ-2106BK)

300pcs/box, 57g/pc

H-6B(MJ-2206BK)

300pcs/box, 39g/pc

H-7(MJ-2107BK)

180pcs/box, 52g/pc

H-7B(MJ-2207BK)

180pcs/box, 47g/pc

H-8(MJ-2108BK)

300pcs/box, 48g/pc

H-9(MJ-2109BK)

100pcs/box, 143g/pc

H-10(MJ-2110BK)

180pcs/box, 66g/pc

H-11(MJ-2111BK)

200pcs/box, 67g/pc

H-11B(MJ-2211BK)

200pcs/box, 67g/pc

H-12(MJ-2112BK)

200pcs/box, 63g/pc

H-13(MJ-2113BK)

140pcs/box, 97g/pc

H-14(MJ-2114BK)

150pcs/box, 81g/pc

UNIÓN METÁLICA

H-15A(MJ-2115BK)

300pcs/box, 43g/pc

H-15B(MJ-2215BK)

300pcs/box, 38g/pc

H-16(MJ-2116BK)

300pcs/box, 54g/pc

H-16B(MJ-2216BK)

300pcs/box, 54g/pc

H-17(MJ-2117BK)

180pcs/box, 71g/pc

H-18(MJ-2118BK)

240pcs/box, 69g/pc

H-19(MJ-2119BK)

250pcs/box, 64g/pc

H-20(MJ-2120BK)

150pcs/box, 97g/pc

H-21(MJ-2121BK)

150pcs/box, 104g/pc

H-22(MJ-2122BK)

NEW

180pcs/box, 74.6g/pc

H-23(MJ-2123BK)

NEW

180pcs/box, 75.7g/pc

H-25A(MJ-2125BK)

NEW

300pcs/box, 48g/pc

H-25B(MJ-2225BK)

NEW

220pcs/box, 41g/pc

H-45A(MJ-2145BK)

140pcs/box, 64g/pc

H-45B(MJ-2245BK)

140pcs/box, 64g/pc

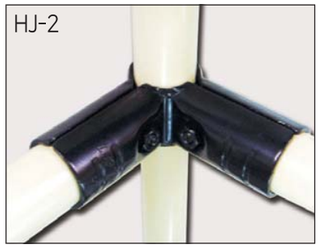
H-108(MJ-21108BK)

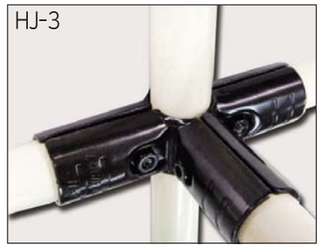
140pcs/box, 106g/pc

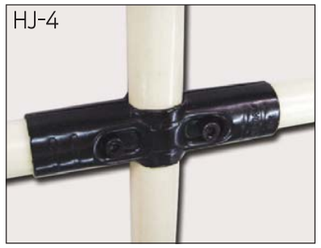
H-162(MJ-21162BK)

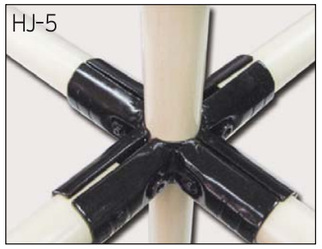
180pcs/box,108g/pc

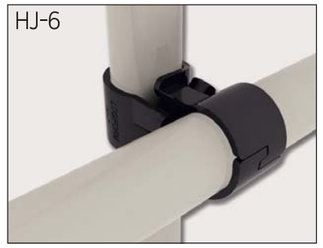
UNIÓN METÁLICA

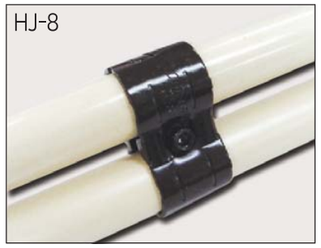


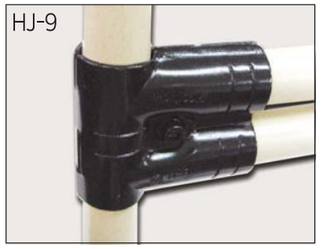


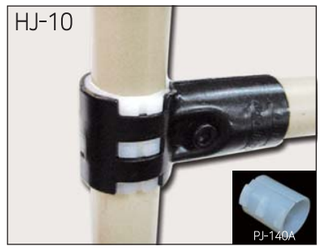


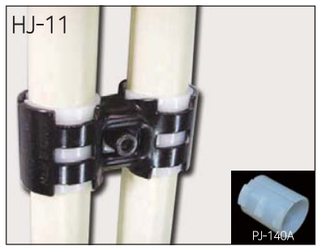


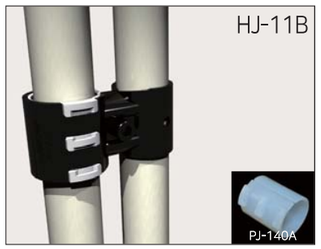




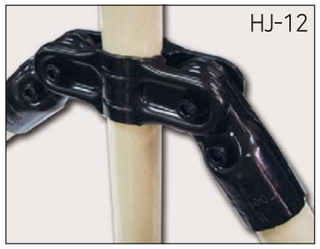


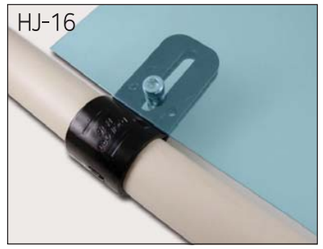


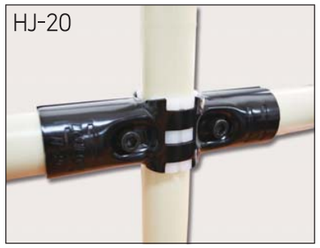




SET UNIONES



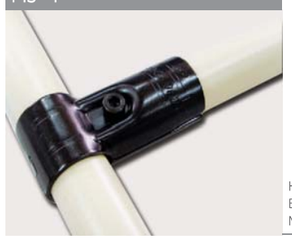


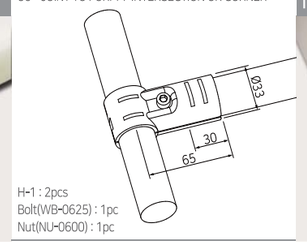


UNIÓN METÁLICA

HJ-1

90 ° JOINT TO FORM T-INTERSECTION OR CORNER

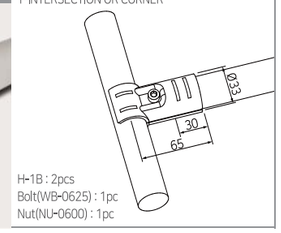




H-1 : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

HJ-1B

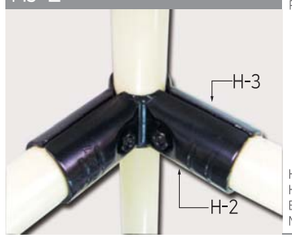
90 ° JOINT OPEN TO FORM
T-INTERSECTION OR CORNER

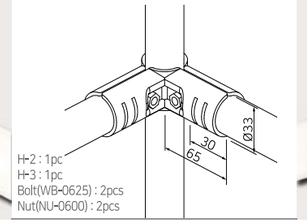


H-1B : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

HJ-2

INSIDE CORNER JOINT TO FORM 3 WAY
PIPE INTERSECTION

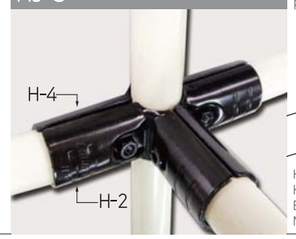


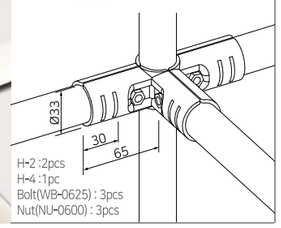


H-2 : 1pc
H-3 : 1pc
Bolt(WB-0625) : 2pcs
Nut(NU-0600) : 2pcs

HJ-3

OUTSIDE CORNER JOINT TO FORM 4 WAY
PIPE INTERSECTION

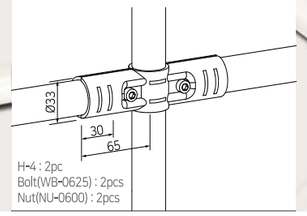




H-2 :2pcs
H-4 :1pc
Bolt(WB-0625) : 3pcs
Nut(NU-0600) : 3pcs

HJ-4

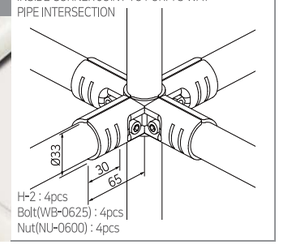
EXTENDER SUPPORT JOINT TO FORM
CROSS AND 3 WAY PIPE INTERSECTION



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

HJ-5

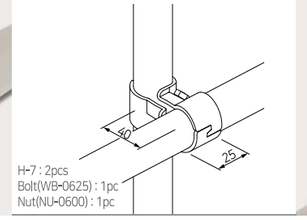
INSIDE CORNER JOINT TO FORM 5 WAY
PIPE INTERSECTION



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

HJ-6

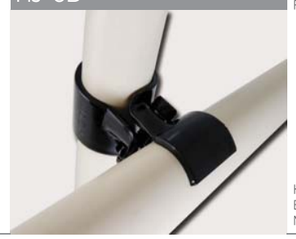
INTERSECT JOINT, DOUBLE LOCK TO
FORM CROSS AND 2 WAY PIPE INTERSECTION

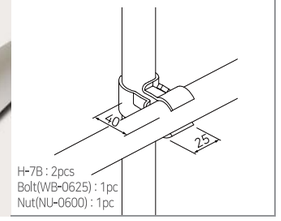


H-7 : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

HJ-6B

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



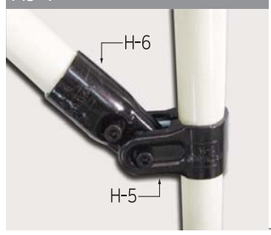


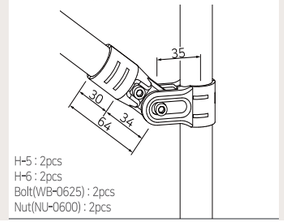
H-7B : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

SET UNIONES

HJ-7

MULTI ANGLE JOINT EXTENSION,
TO FORM AN ANGLE INTERSECTION

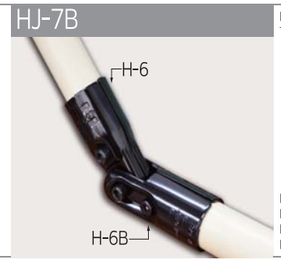


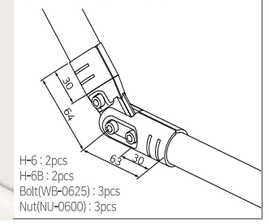


H-5 : 2pcs
H-6 : 2pcs
Bolt(WB-0625) : 2pcs
Nut(NU-0600) : 2pcs

HJ-7B

MULTI ANGLE JOINT INTERIOR,
TO FORM AN ANGLE INTERSECTION

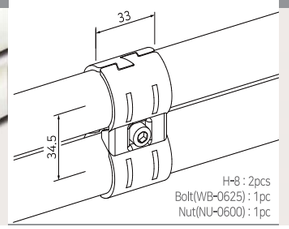




H-6 : 2pcs
H-6B : 2pcs
Bolt(WB-0625) : 3pcs
Nut(NU-0600) : 3pcs

HJ-8

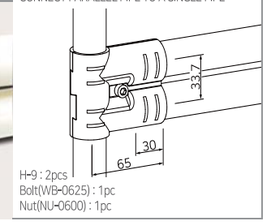
PARALLEL PIPE JOINT



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

HJ-9

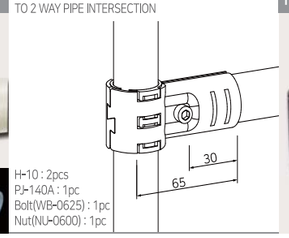
DOUBLE 90 ° PARALLEL PIPE JOINT TO
CONNECT PARALLEL PIPE TO A SINGLE PIPE



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

HJ-10

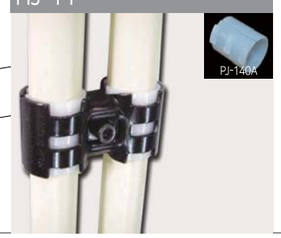
90 ° HINGE JOINT, SLIDING JOINT
TO 2 WAY PIPE INTERSECTION

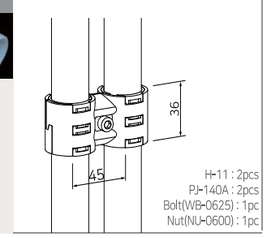


H-10 : 2pcs
PJ-140A : 1pc
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

HJ-11

DOUBLE HINGE JOINT TO CONNECT PARALLEL PIPE

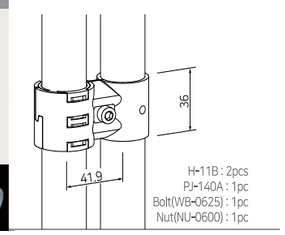




H-11 : 2pcs
PJ-140A : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

HJ-11B

SINGLE HINGE JOINT TO CONNECT PARALLEL PIPE

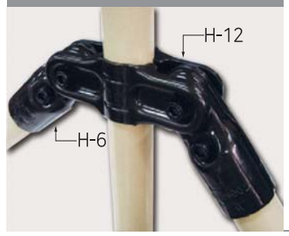


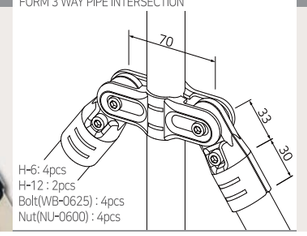
H-11B : 2pcs
PJ-140A : 1pc
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

SET UNIONES

HJ-12

TWO SIDED MULTI ANGLE JOINT TO FORM 3 WAY PIPE INTERSECTION

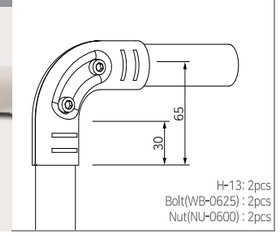




H-6: 4pcs
H-12 : 2pcs
Bolt(WB-0625) : 4pcs
Nut(NU-0600) : 4pcs

HJ-13

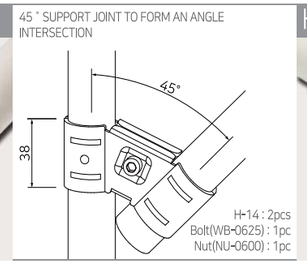
RADIUS JOINT TO FORM A BEND PIPE



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

HJ-14

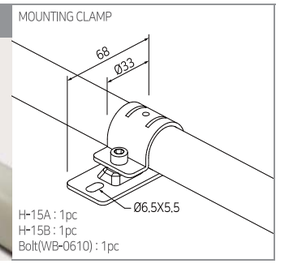
45 ˚ SUPPORT JOINT TO FORM AN ANGLE INTERSECTION



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

HJ-15

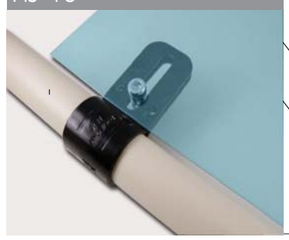
MOUNTING CLAMP

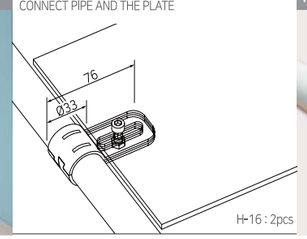


H-15A : 1pc
H-15B : 1pc
Bolt(WB-0610) : 1pc

HJ-16

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

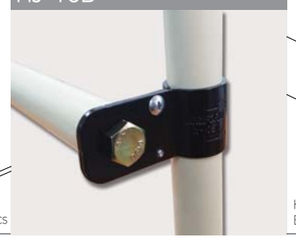


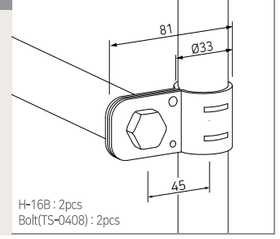


H-16 : 2pcs

HJ-16B

FLAT SHELF HINGE JOINT

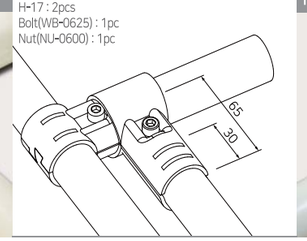




H-16B : 2pcs
Bolt(TS-0408) : 2pcs

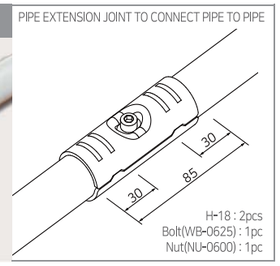
HJ-17

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



HJ-18

PIPE EXTENSION JOINT TO CONNECT PIPE TO PIPE

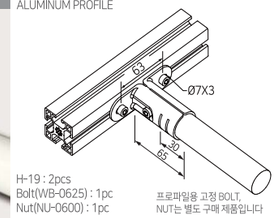


H-18 : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

SET UNIONES

HJ-19

90 ˚ JOINT WITH FLAT END TO CONNECT ALUMINUM PROFILE

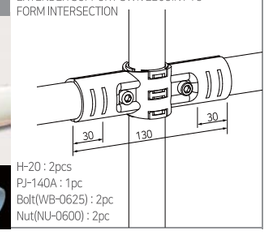


H-19 : 2pcs
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

프로파일용 고정 BOLT, NUT는 별도 구매 제품입니다

HJ-20

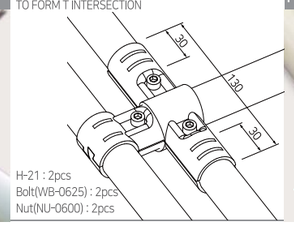
EXTENDER SUPPORT SWIVEL JOINT TO FORM INTERSECTION



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

HJ-21

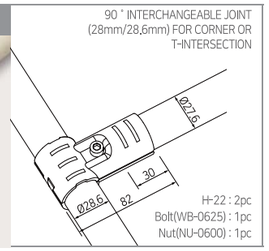
EXTENDER SUPPORT OVERSIZED JOINT TO FORM T INTERSECTION



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

HJ-22

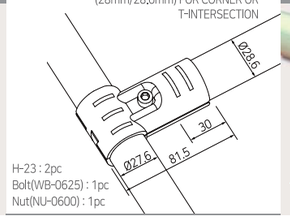
90 ˚ INTERCHANGEABLE JOINT (28mm/28,6mm) FOR CORNER OR T-INTERSECTION



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

HJ-23

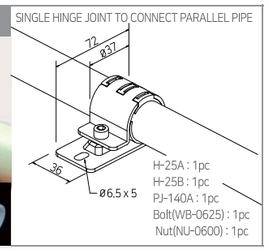
90 ˚ INTERCHANGEABLE JOINT (28mm/28,6mm) FOR CORNER OR T-INTERSECTION



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

HJ-25

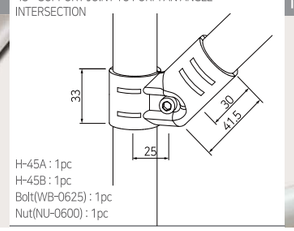
SINGLE HINGE JOINT TO CONNECT PARALLEL PIPE



H-25A : 1pc
H-25B : 1pc
PJ-140A : 1pc
Bolt(WB-0625) : 1pc
Nut(NU-0600) : 1pc

HJ-45

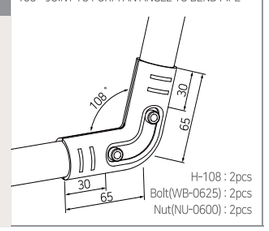
45 ˚ SUPPORT JOINT TO FORM AN ANGLE INTERSECTION



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

HJ-108

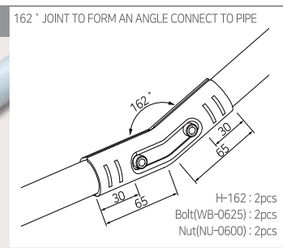
108 ˚ JOINT TO FORM AN ANGLE TO BEND PIPE



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

HJ-162

162 ˚ JOINT TO FORM AN ANGLE CONNECT TO PIPE

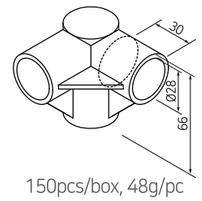


H-162 : 2pcs
Bolt(WB-0625) : 2pcs
Nut(NU-0600) : 2pcs

UNIÓN PLASTICA

PJ-104C (IV)

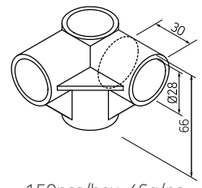
PLASTIC JOINT TOP FLAT TYPE



150pcs/box, 48g/pc

PJ-104D (IV)

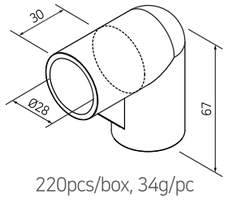
PLASTIC JOINT 3 WAY TYPE



150pcs/box, 46g/pc

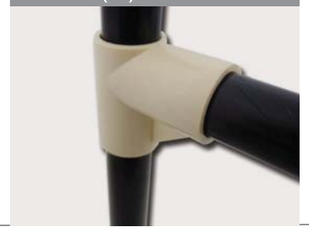
PJ-105 (IV)

PLASTIC JOINT L TYPE

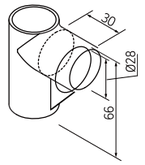


220pcs/box, 34g/pc

PJ-118 (IV)

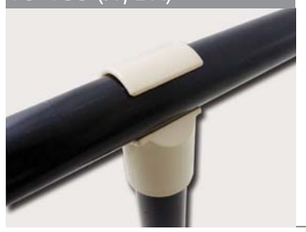


PLASTIC JOINT 2 WAY TYPE

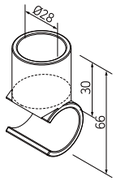


250pcs/box, 30g/pc

PJ-159 (IV, BK)



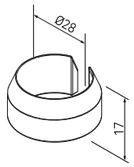
PLASTIC JOINT HOOK



250pcs/box, 18g/pc IV BK

PJ-138C (IV, GR, BK)

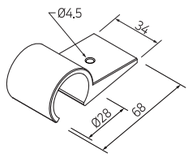
TAPERED EDGE



2,000pcs/box, 3.4g/pc IV GR BK

PJ-113 (IV, BK)

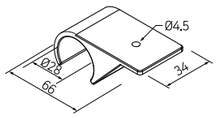
PLASTIC JOINT PIPE CLAMP



600pcs/box, 12g/pc IV BK

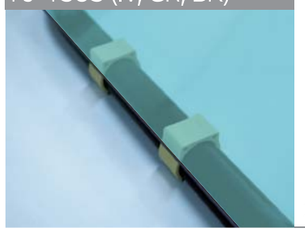
PJ-113B(IV, BK)

PLATE SUPPORT BRACKET

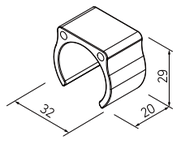


600pcs/box, 21g/pc IV BK

PJ-138S (IV, GR, BK)

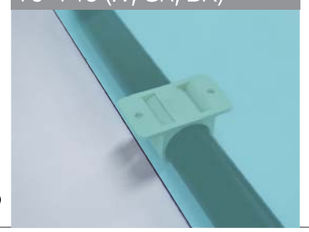


HORIZONTAL HOLDER

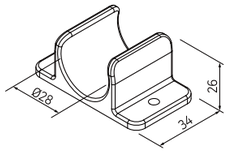


2,000pcs/box, 4.3g/pc IV GR BK

PJ-146 (IV, GR, BK)



PLASTIC HINGE



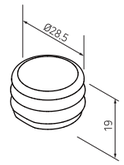
600pcs/box, 10.3g/pc IV GR BK

UNIÓN PLASTICA

PJ-110S (IV, BK, GR)

For Stainless Pipe

PIPE INNER CAP

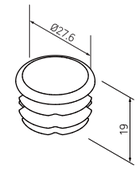


2,000pcs/box, 3.3g/pc IV BK GR

PJ-110C (IV, BK, GR)

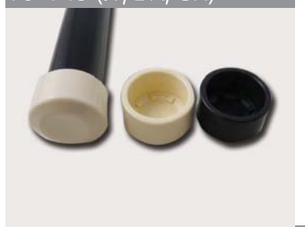
For Logiform Pipe

PIPE INNER CAP

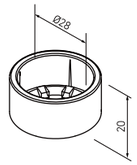


2,500pcs/box, 3.3g/pc

PJ-149 (IV, BK, GR)



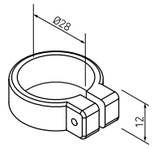
PIPE OUTER CAP



1,500pcs/box, 7.4g/pc IV BK GR

PJ-141 (IV, BK, GR)

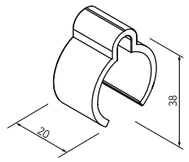
PLASTIC SLEEVE for HJ-10/11/



2,000pcs/box, 6.5g/pc IV BK

PJ-138B (IV, BK, GR)

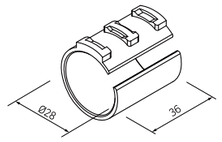
NAME PLATE HANGER



1,500pcs/box, 5.4g/pc IV BK GR

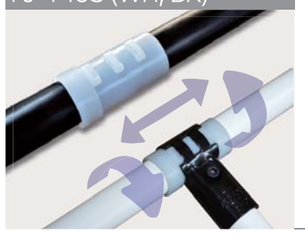
PJ-140A (WH, BK)

PLASTIC JOINT SLEEVE for HJ-10/11/20

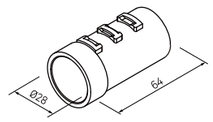


850pcs/box, 6g/pc WH BK

PJ-140S (WH, BK)



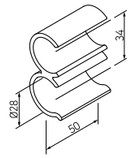
PLASTIC JOINT SLEEVE for HJ-10/11/20



400pcs/box, 10.6g/pc WH BK

PJ-109 (IV, BK)

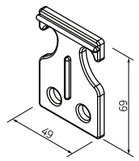
PLASTIC JOINT



300pcs/box, 22.5g/pc IV BK

PJ-180 (WH)

BAND-HOOK



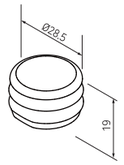
1,000pcs/box, 14g/pc WH

UNIÓN PLÁSTICA

PJ-110S (IV, BK, GR)

For Stainless Pipe

PIPE INNER CAP

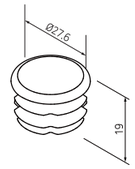


2,000pcs/box, 3.3g/pc IV BK GR

PJ-110C (IV, BK, GR)

For Logiform Pipe

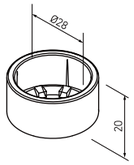
PIPE INNER CAP



2,500pcs/box, 3.3g/pc

PJ-149 (IV, BK, GR)

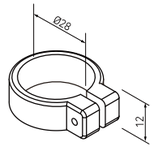
PIPE OUTER CAP



1,500pcs/box, 7.4g/pc IV BK GR

PJ-141 (IV, BK, GR)

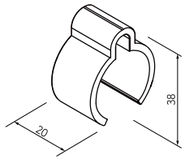
PLASTIC SLEEVE for HJ-10/11/20



2,000pcs/box, 6.5g/pc IV BK GR

PJ-138B (IV, BK, GR)

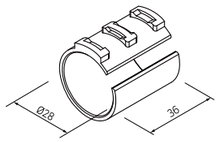
NAME PLATE HANGER



1,500pcs/box, 5.4g/pc IV BK GR

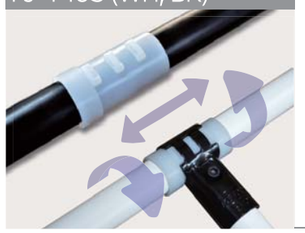
PJ-140A (WH, BK)

PLASTIC JOINT
SLEEVE for HJ-10/11/20

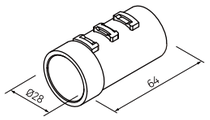


850pcs/box, 6g/pc WH BK

PJ-140S (WH, BK)



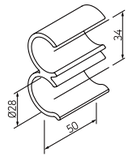
PLASTIC JOINT
SLEEVE for HJ-10/11/20



400pcs/box, 10.6g/pc WH BK

PJ-109 (IV, BK)

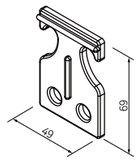
PLASTIC JOINT



300pcs/box, 22.5g/pc IV BK

PJ-180 (WH)

BAND-HOOK

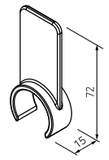


1,000pcs/box, 14g/pc WH

UNIÓN PLÁSTICA

PJ-199 (IV, GR)

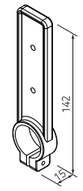
PLASTIC DIVIDER



1,000pcs/box, 10.6g/pc IV GR

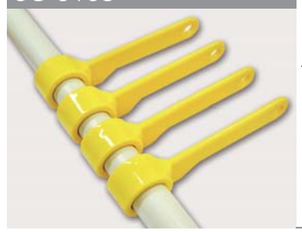
PJ-202 (IV, BK)

PLASTIC DIVIDER

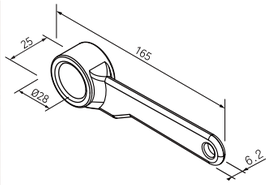


400pcs/box, 18.1g/pc IV BK

UG-0165

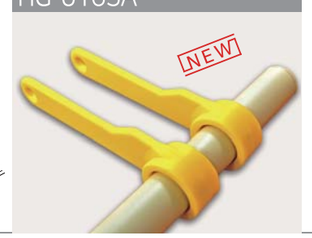


URETHANE HANDLE GUIDE

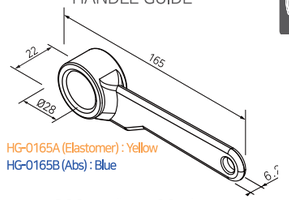


300pcs/box, 43g/pc

HG-0165A



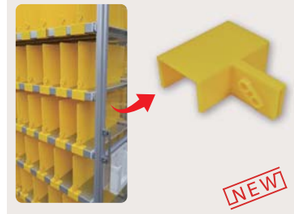
HANDLE GUIDE



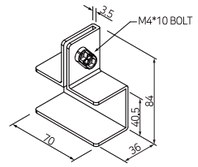
HG-0165A (Elastomer) : Yellow
HG-0165B (Abs) : Blue

300pcs/box, 28g/pc

PG-2870A



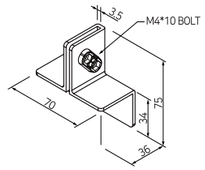
PANEL GUIDE (U TYPE)



180pcs/box, 28.3g/pc

PG-2870B

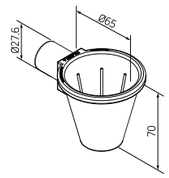
PANEL GUIDE (L TYPE)



300pcs/box, 20g/pc

PH-5001A

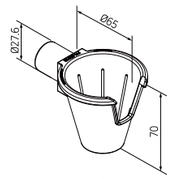
TOOL HOLDER - A 공구걸이캡



160pcs/box, 40g/pc

PH-5001B

TOOL HOLDER - B 공구걸이캡



160pcs/box, 38g/pc

RIEL (ROLLER TRACK)

RIEL (ROLLER TRACK)

ROLLER TRACKS(PLACONS) STANDARD LENGTH / 4M							
SERIES	PRODUCT CODE	FRAME TYPE	ROLLER SIZE	ROLLER PITCH	PIN	PIN LENGTH	PRODUCT WEIGHT
35 SERIES	PL - 351F_GM (OLD NO : PL - 3514GR)	STEEL	Ø28	33	Ø3	32.5mm	884g/m
	PL - 351G_GM (OLD NO : PL - 3544GR)		Ø40	33	Ø3	32.5mm	814g/m
	PL - 351M_GM (OLD NO : PL - 3554GR)		Ø27	16.5	Ø3	32.5mm	886g/m
40 SERIES	PL - 401F_WM (OLD NO : PL - 4014WH)	STEEL	Ø30	35.72	Ø4	36.5mm	1,125g/m
	PL - 401F_YM (OLD NO : PL - 4014YL)						1,248g/m
	PL - 401F_EM (OLD NO : PL - 4014ED)						1,180g/m
	PL - 401G_WM (OLD NO : PL - 4044WH)		Ø46	53.58			1,102g/m
	PL - 401R_WL (OLD NO : PL - 4034WH)		Ø33	35.72			1,416g/m
	PL - 402F_WM (OLD NO : PL - 4024WH)	ALUMINIUM	Ø27.5	35.72	Ø3	33.8mm	656g/m
	PL - 402F_YM (OLD NO : PL - 4024YL)						656g/m
	PL - 402F_EM (OLD NO : PL - 4024ED)						656g/m
60 SERIES	PL - 601F_WM (OLD NO : PL - 6014WH)	STEEL	Ø30	37.0	Ø3.8	58mm	1,250g/m
	PL - 601F_EM (OLD NO : PL - 6014ED)						1,298g/m
	PL - 601F_WS (OLD NO : PL - 6014WS)	STEEL-SMALL	Ø16	18.5			1,293g/m
	PL - 601F_ES (OLD NO : PL - 6014ES)						1,353g/m
73 SERIES	PL - 731F_WL (OLD NO : PL - 7314WH)	STEEL	Ø34	40.0	Ø4.95	69mm	1,943g/m
	PL - 731F_EL (OLD NO : PL - 7314ED)						1,910g/m
	PL - 731F_TL (OLD NO : PL - 7314TP)						2,110g/m
	PL - 731F_WS (OLD NO : PL - 7314WS)	STEEL-SMALL	Ø18	20.0			1,910g/m
	PL - 731F_TS (OLD NO : PL - 7314TS)						2,150g/m
	PL - 732F_EL (OLD NO : PL - 7324ED)	ALUMINIUM	Ø34	40.0		67mm	1,445g/m
	PL - 732F_WL (OLD NO : PL - 7324WH)						1,445g/m
	PL - 732F_TL (OLD NO : PL - 7324TP)						1,647g/m
	PL - 732F_TS (OLD NO : PL - 7324TS)	ALUMINIUM SMALL	Ø18	20.0			1,757g/m
	PL - 732F_WS (OLD NO : PL - 7324WS)		Ø18	20.0			1,757g/m
80 SERIES	NEW PL - 801F_WL	STEEL	Ø35	37	Ø4.95	76mm	2,186g/m
	NEW PL - 801F_WX		Ø40	43			2,316g/m
	NEW PL - 801M_WL		Ø33	43			2,370g/m
100 SERIES	PL - 1003F_TS (OLD NO : PL - G100TS)	ALUMINIUM SMALL	Ø18	20.0	Ø4	96mm	2,810g/m
	PL - 1002F_TS (OLD NO : PL - P100TS)						2,370g/m

CLASIFICACIÓN RIEL

No	ITEM	DESCRIPTION	RESISTANCE
①	WH	WHITE	
②	YL	YELLOW	
③	BK	BLACK	
④	ED	⚡ESD	$10^3\Omega$~$10^6\Omega$
⑤	GR	GUIDE ROLLER	

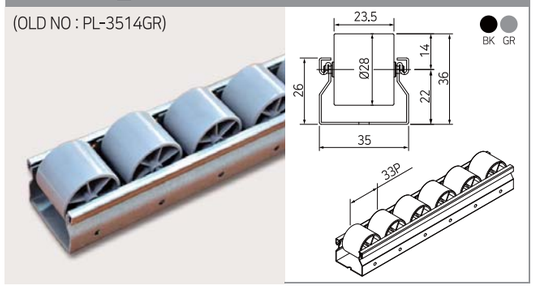
No	ITEM	DESCRIPTION	RESISTANCE
⑧	TP	⚡TPU(ESD)	$10^8\Omega$~$10^{11}\Omega$
⑨	WS	WHITE SMALL	BLACK
⑩	ES	⚡ESD SMALL	$10^3\Omega$~$10^6\Omega$
⑪	TS	⚡TPU(ESD) SMALL	$10^8\Omega$~$10^{11}\Omega$
⑫	WR	WHITE ROUND	

RIEL (ROLLER TRACK)

ACERO (SERIE 35)

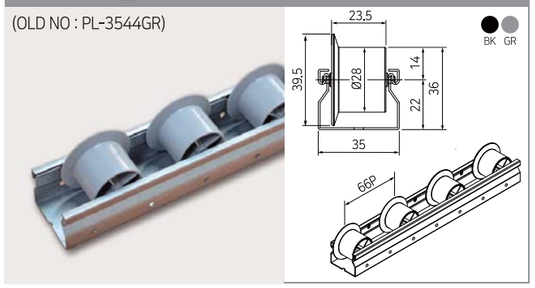
PL-351F_GM

(OLD NO : PL-3514GR)



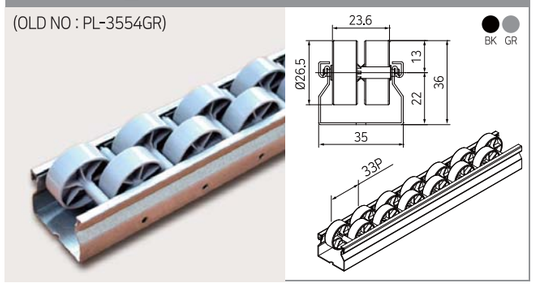
PL-351G_GM

(OLD NO : PL-3544GR)



PL-351M_GM

(OLD NO : PL-3554GR)



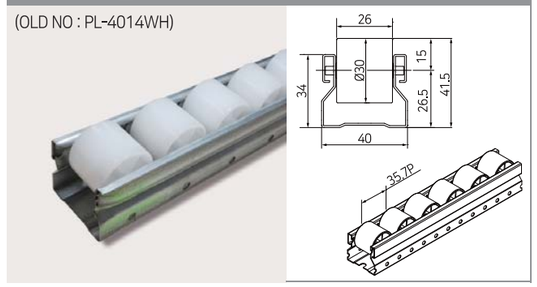
RIEL (ROLLER TRACK)

ACERO (SERIE 40)

PL-401F_WM

WHITE

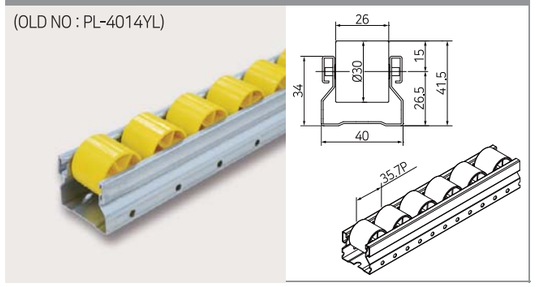
(OLD NO : PL-4014WH)



PL-401F_YM

YELLOW

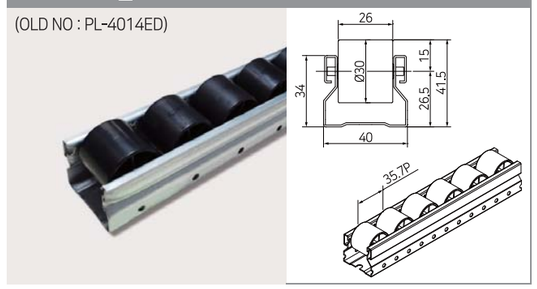
(OLD NO : PL-4014YL)



PL-401F_EM

ESD

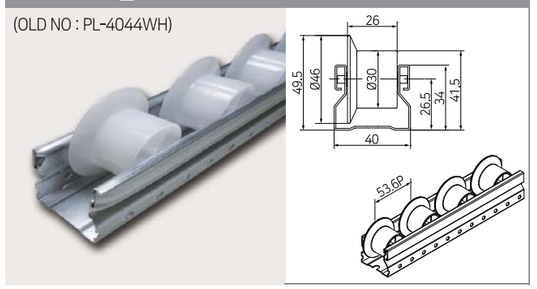
(OLD NO : PL-4014ED)



PL-401G_WM

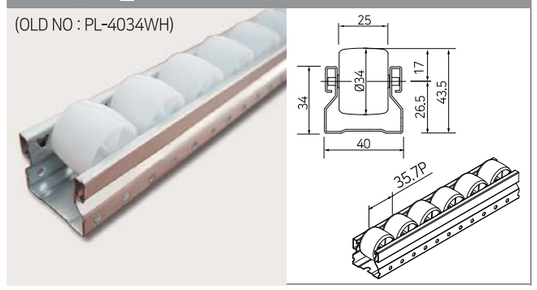
GUIDE ROLLER

(OLD NO : PL-4044WH)



PL-401R_WL

(OLD NO : PL-4034WH)



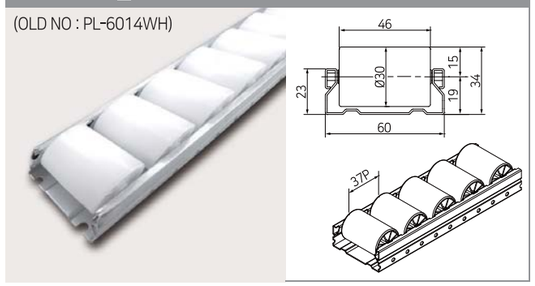
ROLLER TRACKS

RIEL (ROLLER TRACK)

ACERO (SERIE 60)

PL-601F_WM

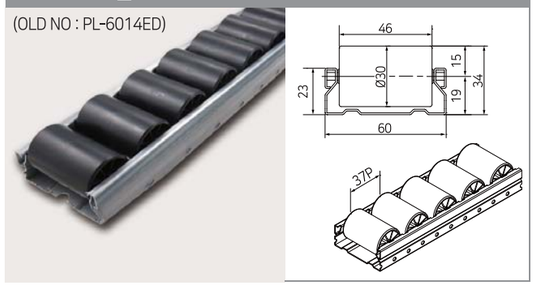
(OLD NO : PL-6014WH)



PL-601F_EM

ESD

(OLD NO : PL-6014ED)

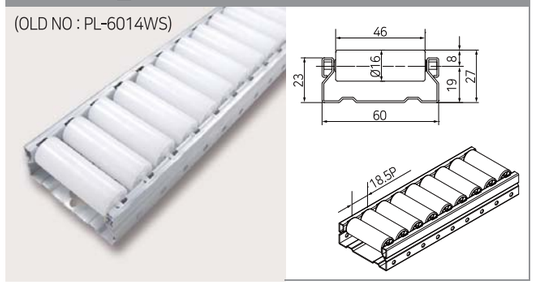


ACERO-RIEL PEQUEÑO (SERIE 60)

PL-601F_WS

WHITE-SMALL

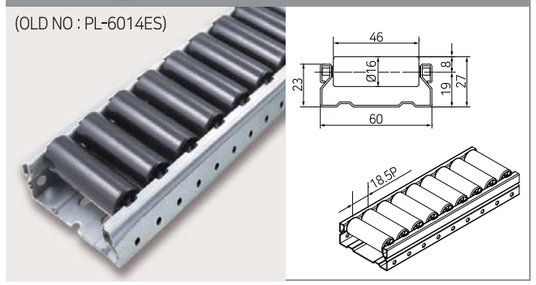
(OLD NO : PL-6014WS)



PL-601F_ES

ESD-SMALL

(OLD NO : PL-6014ES)

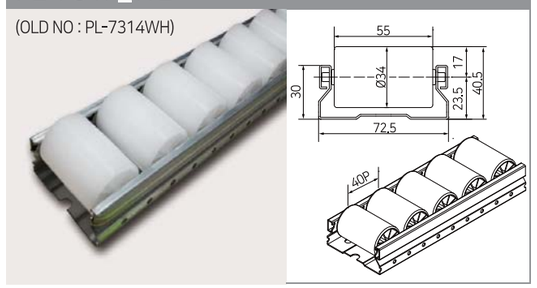


ACERO (SERIE 73)

PL-731F_WL

WHITE

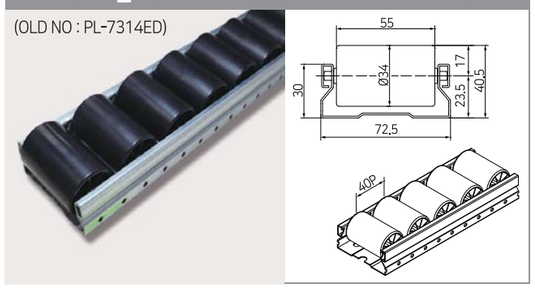
(OLD NO : PL-7314WH)



PL-731F_EL

ESD

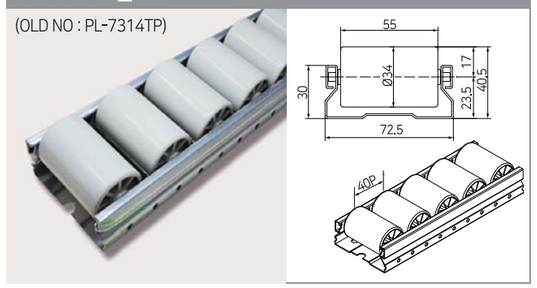
(OLD NO : PL-7314ED)



PL-731F_TL

TPU-ESD

(OLD NO : PL-7314TP)



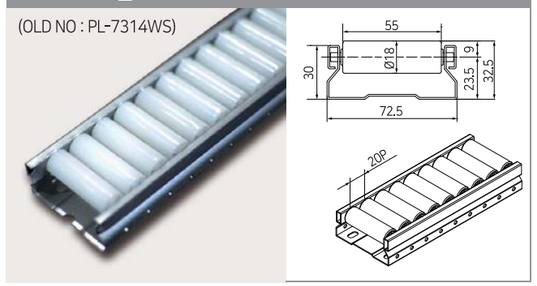
RIEL (ROLLER TRACK)

ACERO-RIEL PEQUEÑO(SERIE 73)

PL-731F_WS

WHITE-SMALL

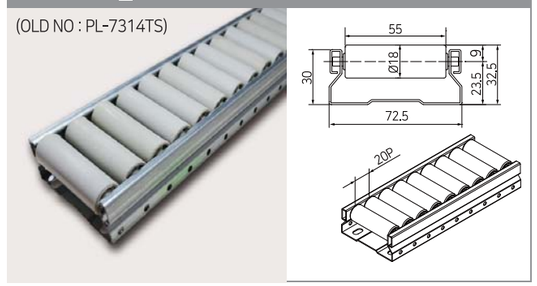
(OLD NO : PL-7314WS)



PL-731F_TS

TPU-ESD-SMALL

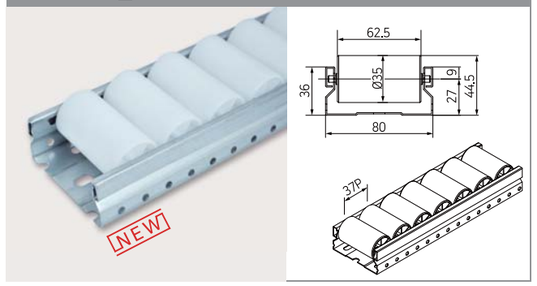
(OLD NO : PL-7314TS)



ACERO (SERIE 80)

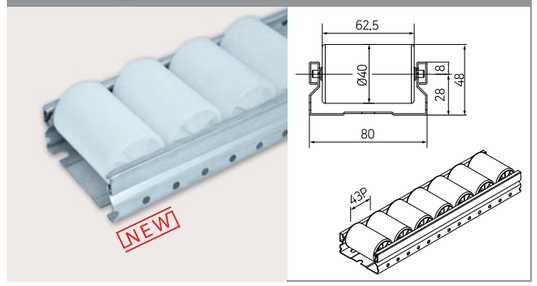
PL-801F_WL

WHITE-35Ø



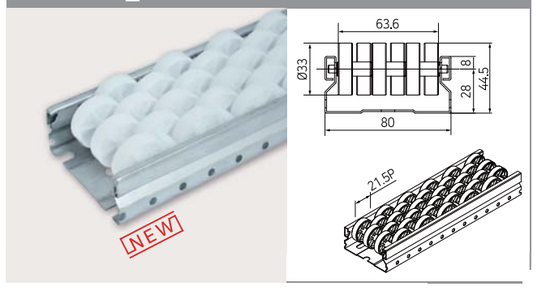
PL-801F_WX

WHITE-40Ø



PL-801M_WL

WHITE-MULTI

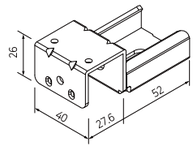


ROLLER TRACKS

CONECTOR RIEL

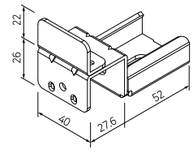
CONECTOR RIEL (SERIE 35)

PM-3510A — PLACON MOUNT-A



80pcs/box 114.3g/pc

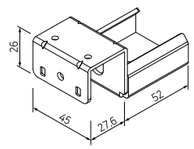
PM-3510B — PLACON MOUNT-B



60pcs/box 137.6g/pc

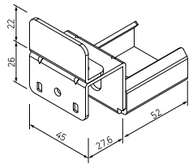
CONECTOR RIEL (SERIE 40)

PM-4010A — PLACON MOUNT-A



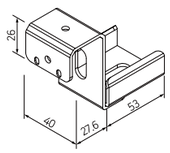
80pcs/box 140g/pc

PM-4010B — PLACON MOUNT-B



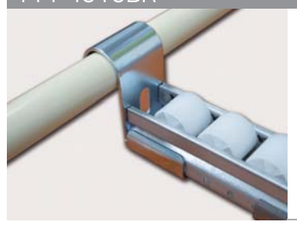
60pcs/box 167g/pc

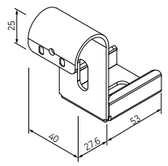
PM-4010BW — PLACON MOUNT-BW



70pcs/box 157g/pc

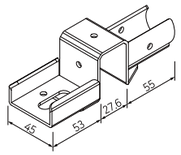
PM-4010BR — PLACON MOUNT-BR





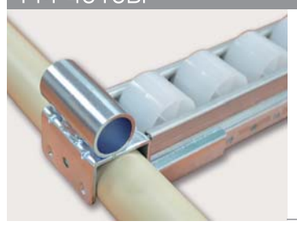
70pcs/box 160g/pc

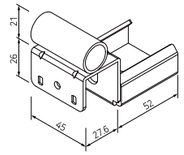
PM-4010BS — PLACON MOUNT-BS



30pcs/box 243g/pc

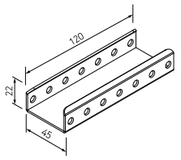
PM-4010BP — PLACON MOUNT-BP





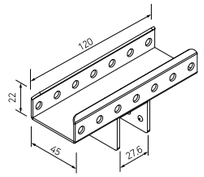
50pcs/box 184g/pc

PM-4010C — PLACON MOUNT-C



100pcs/box 125g/pc

PM-4010D — PLACON MOUNT-D

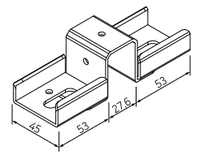


40pcs/box 190g/pc

CONECTOR RIEL

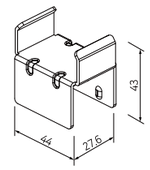
CONECTOR RIEL (SERIE 40)

PM-4010DA — PLACON MOUNT-DA



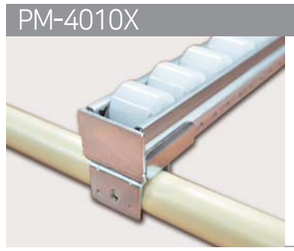
30pcs/box 243g/pc

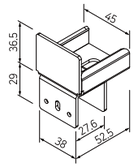
PM-4010E — PLACON MOUNT-E



180pcs/box 49g/pc

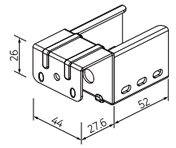
PM-4010X — PLACON MOUNT-X





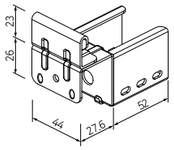
80pcs/box 150g/pc

PM-4011A — PLACON MOUNT-A



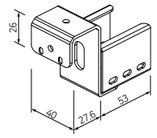
70pcs/box 130g/pc

PM-4011B — PLACON MOUNT-B



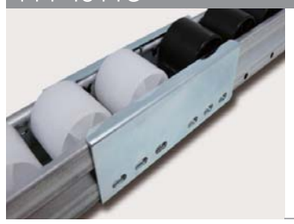
50pcs/box 160g/pc

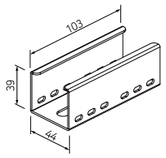
PM-4011BW — PLACON MOUNT-BW



60pcs/box 170g/pc

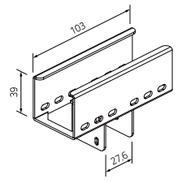
PM-4011C — PLACON MOUNT-C





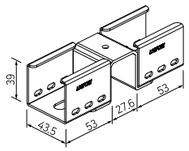
70pcs/box 154g/pc

PM-4011D — PLACON MOUNT-D



40pcs/box 163g/pc

PM-4011DA — PLACON MOUNT-DA



30pcs/box 267g/pc

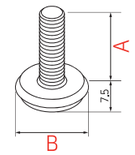
ACCESORIOS

- **NIVELADORES**
- **CONTERAS**
- **ACCESORIOS PARA PERFIL**
- **ACCESORIOS Y HERRAMIENTAS**
- **GUÍA RIEL**

ACCESORIOS

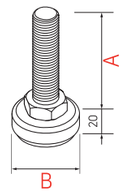
ADJUSTER

ADJUSTER



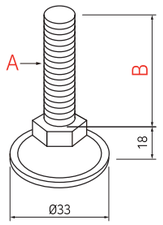
PRODUCT CODE	THREAD SIZE (Inch,mm)	BASE DIAMETER B	LENGTH A	Q'TY / UNIT WEIGHT
AD-3010MPS (OLD NO : AM-3030PS)	M10	Φ30	30	400pcs/box, 32g/pc
AD-3010MPM (OLD NO : AM-3050PL)	M10	Φ30	50	400pcs/box, 31g/pc

ADJUSTER(RUBBER TYPE)



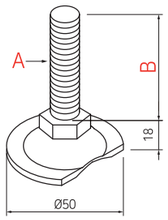
PRODUCT CODE	THREAD SIZE (Inch,mm)	BASE DIAMETER B	LENGTH A	Q'TY / UNIT WEIGHT
AD-3012IRM (OLD NO : AR-3212SS)	½"	Φ32	50	150pcs/box, 84g/pc
AD-5012IRM (OLD NO : AR-5012LS)	½"	Φ50	50	120pcs/box, 108g/pc
⚡AD-3012IRM (OLD NO : AR-3212SS)	½"	Φ32	50	150pcs/box, 84g/pc
⚡AD-5012IRM (OLD NO : AR-5012LS)	½"	Φ50	50	120pcs/box, 108g/pc
NEW AD-3010MRM (OLD NO : AR-3210SS)	M10	Φ32	50	150pcs/box, 70g/pc
NEW AD-5010MRM (OLD NO : AR-5010LS)	M10	Φ50	50	120pcs/box, 94g/pc

ADJUSTER



PRODUCT CODE	THREAD SIZE (Inch,mm) A	BASE DIAMETER	LENGTH B	Q'TY / UNIT WEIGHT
AD-3012 ISM (OLD NO : AD-3012SS)	½"	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

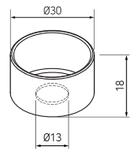


PRODUCT CODE	THREAD SIZE (Inch,mm) A	BASE DIAMETER	LENGTH B	Q'TY / UNIT WEIGHT
AD-5012 ISM (OLD NO : AD-5012LS)	½"	Φ50	50	150pcs/box , 95g/pc
AD-5012 ISL (OLD NO : AD-5012LL)			100	80pcs/box, 138g/pc
AD-5012 ISX (OLD NO : AD-5012LX)			150	50pcs/box, 180g/pc
NEW AD-5010 MSM	M10		50	150pcs/box , 81g/pc
NEW AD-5012 MSM	M12		50	150pcs/box , 90g/pc
NEW AD-5012 MSL	M12		100	80pcs/box, 133g/pc

ACCESORIOS

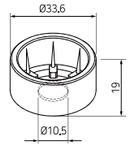
ACCESORIOS

CN-3010MS — STEEL CAP NUT M10



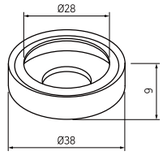
400pcs/box 24g/pc

CN-3010MP — PLASTIC CAP NUT M10



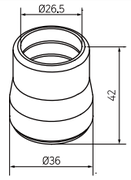
300pcs/box 14g/pc

AC-3828RB — ADJUSTER RUBBER CAP



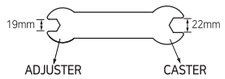
400pcs/box 8g/pc

AC-3829RB — RUBBER FOOT CAP



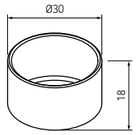
500pcs/box 26g/pc

TL-4000 — SPANNER



50pcs/box 130g/pc

SC-3028SV — STEEL CAP

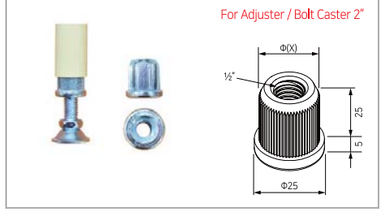


400pcs/box 22g/pc

ACCESORIOS

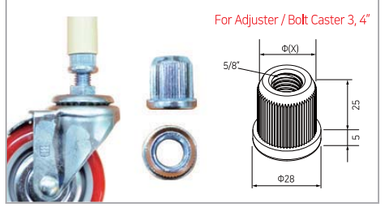
TUERCAS-ACERO

INSERT NUT (1/2")



PRODUCT CODE	THICKNESS (PIPE두께)	PIPES	MODEL	Q'ty / BOX	UNIT WEIGHT	Φ(X)
IN-1210L	t1.0	FOR LOGIFORM PIPE	LP-1100	300	20g	23.6
IN-1220L	t2.0		LP-1200		16g	21.6
IN-1207S	t0.7	FOR STAINLESS PIPE	ST-1070		20g	26.4
IN-1211S	t1.1		ST-1110		20g	25.6

INSERT NUT (5/8")



PRODUCT CODE	THICKNESS (PIPE두께)	PIPES	MODEL	Q'ty / BOX	UNIT WEIGHT	Φ(X)
IN-5810L	t1.0	FOR LOGIFORM PIPE	LP-1100	300	62g	23.6
IN-5820L	t2.0		LP-1200		77g	21.6
IN-5807S	t0.7	FOR STAINLESS PIPE	ST-1070		72g	26.4
IN-5811S	t1.1		ST-1110		72g	25.6

INSERT NUT (10mm)

PRODUCT CODE	THICKNESS (PIPE두께)	PIPES	MODEL	Q'ty / BOX	UNIT WEIGHT	Φ(X)
IN-1010LM	t1.0	FOR LOGIFORM PIPE	LP-1100	300	72g	23.6
IN-1020LM	t2.0		LP-1200		62g	21.6
IN-1007SM	t0.7	FOR STAINLESS PIPE	ST-1070		86g	26.4
IN-1011SM	t1.1		ST-1110		76g	25.6

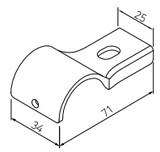
INSERT NUT (12mm)

PRODUCT CODE	THICKNESS (PIPE두께)	PIPES	MODEL	Q'ty / BOX	UNIT WEIGHT	Φ(X)
IN-1210LM	t1.0	FOR LOGIFORM PIPE	LP-1100	300	72g	23.6
IN-1220LM	t2.0		LP-1200		62g	21.6
IN-1207SM	t0.7	FOR STAINLESS PIPE	ST-1070		86g	26.4
IN-1211SM	t1.1		ST-1110		76g	25.6

Ideas Lean

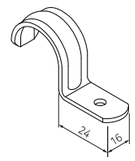
ACCESORIOS

MT-5110 PIPE CLAMP-A, 안장금구-A



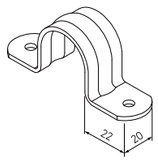
300pcs/box 66g/pc

MT-5111 PIPE CLAMP-B, 안장금구-B



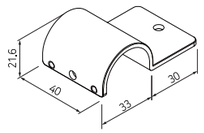
400pcs/box 20g/pc

MT-5112 PIPE CLAMP-C, 안장금구-C



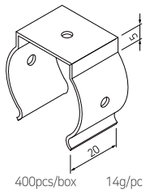
200pcs/box 26g/pc

MT-5113 BOARD FIXING-A, 판지고정금구-A



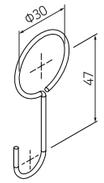
150pcs/box 62g/pc

MT-5114 BOARD FIXING-B, 판지고정금구-B



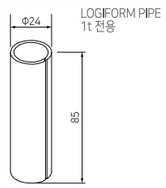
400pcs/box 14g/pc

MT-5120 PIPE HANGER 파이프걸이



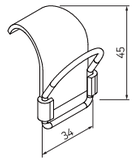
1,000pcs/box 8g/pc

MT-5123 PIPE CONNECTOR 파이프연결금구



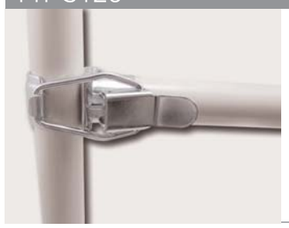
150pcs/box 74g/pc

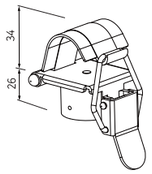
MT-5125 BAND HANGER 밴드걸이



150pcs/box 48g/pc

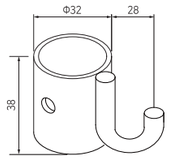
MT-5126 LOCK MOUNT 로크금구





200pcs/box 48g/pc

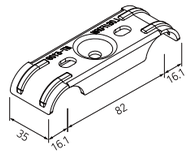
MT-5127 HANGER U-TYPE, U행거



100pcs/box 70g/pc

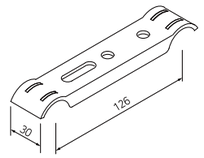
ACCESORIOS

MT-5109 CASTER STRAP 캐스터지지금구



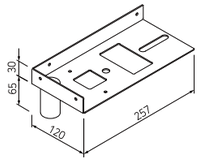
150pcs/box 95.5g/pc

MT-5109W CASTER STRAP-W, 캐스터지지금구-W



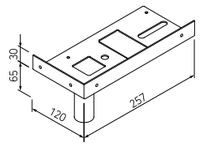
120pcs/box 121g/pc

MT-5138L CORNER PLATE-L, 손잡이보강금구-좌



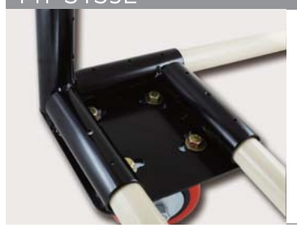
20pcs/box 988g/pc

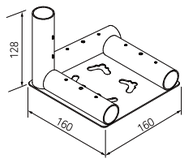
MT-5138R CORNER PLATE-R, 손잡이보강금구-우



20pcs/box 988g/pc

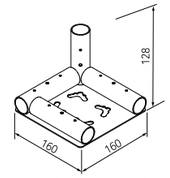
MT-5139L CORNER PLATE-L, 캐스터 코너 금구-좌





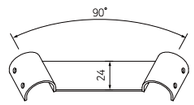
12pcs/box 1,268g/pc

MT-5139R CORNER PLATE-R, 캐스터 코너 금구-우



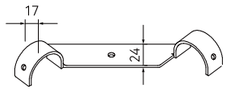
12pcs/box 1,268g/pc

MT-5116 BOARD BRACKET-A ,판지고정코너금구-A



50pcs/box 110g/pc

MT-5117 BOARD BRACKET-B, 판지고정코너금구-B



50pcs/box 72g/pc

ACCESORIOS

ACCESORIOS Y HERRAMIENTAS

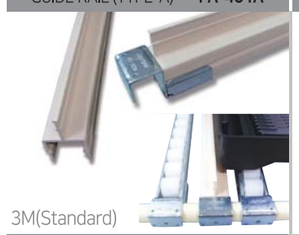
BOLTS				
ITEM	WRENCH BOLT(BK/SV/NI)	BOLT	BOLT	BOLT
SPECIFICATION	M6 * 10 / 20 / 25	M8 * 35 / 40 / 45	M8 * 50 / 60 / 70	M10 * 20 / 25
PRODUCT CODE	WB-0610 / 0620 / 0625	BT-0835 / 0840 / 0845	BT-0850 / 0860 / 0870	BT-1020 / 1025

BOLTS NUTS				
ITEM	BOLT	BOLT	T NUT(BK/SV/NI)	NYLON NUT
SPECIFICATION	M12 * 20 / 25	1 / 2 * 50	M6	M8 / M10 / M12
PRODUCT CODE	BT-1220 / 1225	BT-1250	NU-0600	NN-0800 / 1000 / 1200

ACCESORIOS

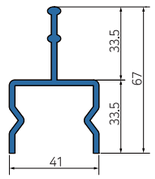
GUÍA DE RIEL

GUIDE RAIL (TYPE-A) **PA-401A**



3M(Standard)

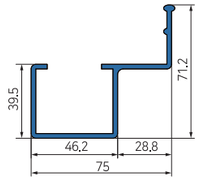
SIZE



619g/m

GUIDE RAIL (TYPE-B) **PA-402B**

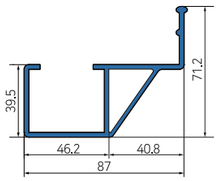
3M(Standard)



740g/m

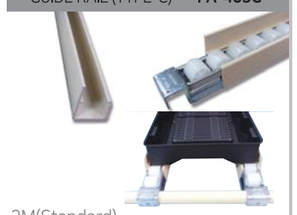
GUIDE RAIL (TYPE-G) **PA-412B**

3M(Standard)

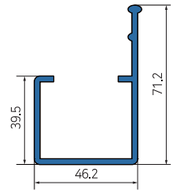


906g/m

GUIDE RAIL (TYPE-C) **PA-403C**



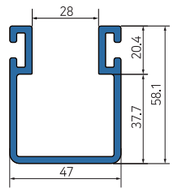
3M(Standard)



640g/m

GUIDE RAIL (TYPE-D) **PA-404D**

3M(Standard)

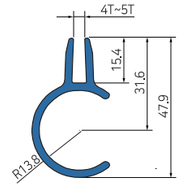


824g/m

SHEET GUIDE COVER-A **SC-0528A**

3M(Standard)

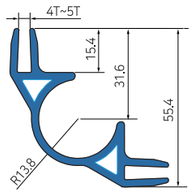
SIZE



364g/m

SHEET GUIDE COVER-B **SC-0528B**

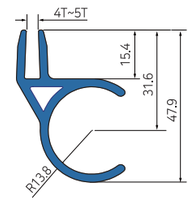
3M(Standard)



683g/m

SHEET GUIDE COVER-C **SC-0528C**

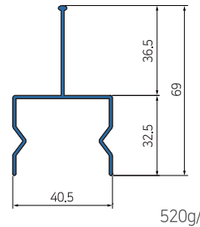
3M(Standard)



473g/m

ALUMINUM GUIDE RAIL (TYPE-A) **PA-405A**

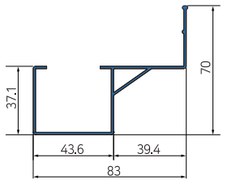
3M(Standard)



520g/m

ALUMINUM GUIDE RAIL (TYPE-B) **PA-415B**

3M(Standard)



793g/m

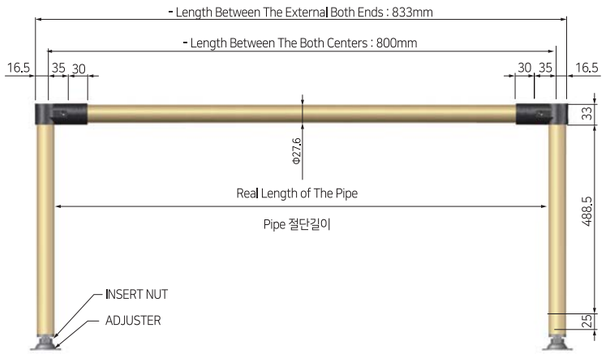
ESPECIFICACIONES TÉCNICAS

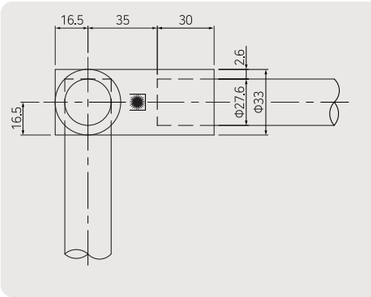
FLUJO DE TRABAJO

En el caso de fabricar trolleys, workstations low racksutilizando tubería y uniones, se requiere se requieren los siguientes procedimientos y comprobaciones para fabricar según la finalidad y diseño.

CALCULAR LONGITUD DEL TUBO

El método de cálculo de la longitud de la tubería de la estructura se calcula de acuerdo con la figura y la fórmula a continuación, teniendo en cuenta el espacio de

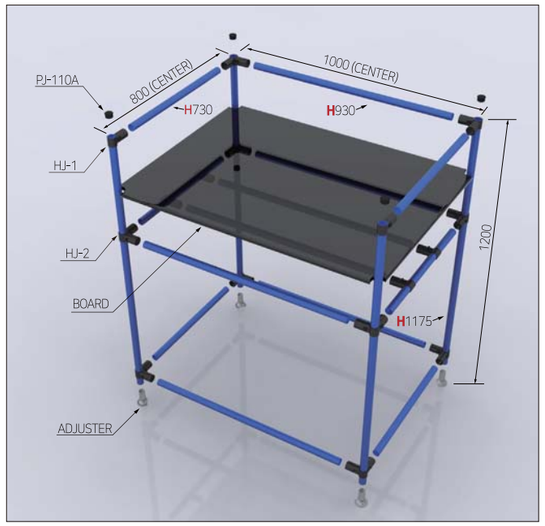




Calculation	800	- Length between the both centers	- 중심에서 중심까지의 길이
Method for	-70	- Total length between each end of the	- 파이프 끝에서 조인트 중심까지의 길이
Horizontal		- Pipe and each center of joint(35mm×2)	
Pipes	730	- The practical length of the pipe to be cutter	- 파이프 절단 길이

Calculation	530	- Length between the both centers	- 바닥에서 상측 중심까지 길이
Method for	-25	- Length between the end of pipe and the end of adjust	- 아제스터 높이 (부싱포함)
Vertical	16.5	- Length between the center and the surface of joint	- 파이프 중심에서 조인트 상부
Pipes	522	- The practical length of the pipe to be cutted	- 파이프 절단 길이

DESGLOSE DE ESTRUCTURA



- La figura es una vista despiezada que muestra las longitudes de las tuberías y los componentes de las juntas.

- Dimensiones de la estructura (dimensión central): 800 (ancho) X 1000 (largo) X 1200 (alto)
  (H es la longitud real de la tubería)

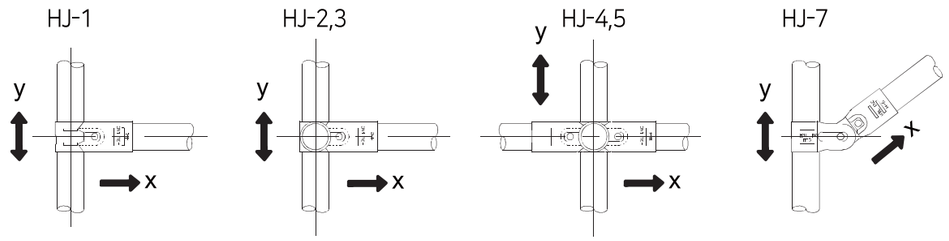
FUERZA

TUBOS Y UNIONES

La resistencia de las tuberías y las uniones varía según el método de conexión de las tuberías y las uniones, como otros materiales (acero, inoxidable, aluminio).
Al fabricar una estructura con tuberías y juntas, es necesario diseñar y considerar la estabilidad para obtener la resistencia adecuada para el propósito de uso de la estructura.

Resistencia máxima de resistencia de las uniones

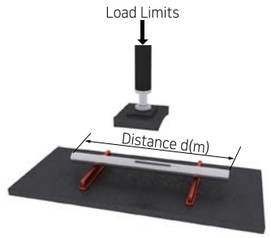
Cuando se aplica una carga de tracción vertical y horizontalmente conectando una junta metálica a una tubería.



Direction	COATED PIPES	STAINLESS PIPES
X	75kg	75kg
Y	85kg	85kg

·Test Condition (시험조건)
·Test Speed (인장속도) : 5mm/min
·Temperature (온도) : 23℃

MAX. CAPACIDAD DE CARGA DE LA TUBERÍA POR ESPESOR DE ACERO



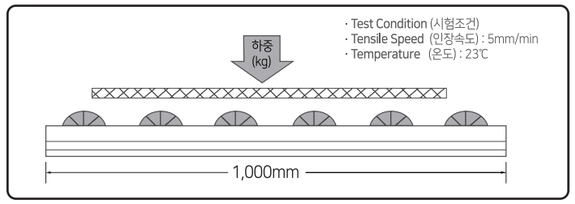
· Tensile Speed(인장속도) : 5mm/min
· Load Range(하중범위) : 0~2,000kgf
· Temperature(온도) : 23℃
· PIPE별 450/1000/1500/1800mm측정

TYPE	LENGTH			
	450mm	1,000mm	1,500mm	1,800mm
LP-1100 IV (LOGIFORM 1.0T)	337.5	154.4	105.3	74.9
LP-1140 IV (LOGIFORM 1.4T)	558.8	223.2	150.2	117.4
LP-1200 IV (LOGIFORM 2.0T)	557.9	227.0	147.0	112.8
ST-1070 (SUS201 0.7T)	175.8	86.9	60.6	50
ST-1110 (SUS201 1.1T)	405	172.9	129.6	101.8
ST-1070 (SUS439 0.7T)	162.2	78.7	49.9	38.8
ST-1110 (SUS439 1.1T)	294.7	125.5	84	71.1
SL-1100 IV (SLIPE PIPE 1.0T)	377.1	162.9	109.2	83.2
AL-1150 (ALUMINIUM 1.5T)	231.2	99.6	67.5	53.8

• Los datos descritos anteriormente son valores de referencia obtenidos dentro de un entorno de prueba limitado y no pretenden ser una referencia absoluta.
• Los datos anteriores se extrajeron en un entorno restrictivo. Puede verse afectado por cualquier tipo de factores ambientales

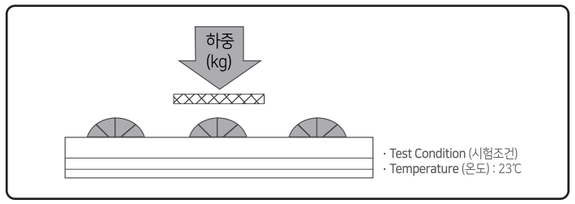
CARGA MÁXIMA DE PLACAS

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



Test of Roller Compression Loading(롤러 압축 하중 테스트)

TYPE	Φ	LOAD
40TYPE	30Φ	100 kgf
60TYPE	30Φ	115 kgf
60TYPE	16Φ	105 kgf
73TYPE	34Φ	215 kgf
73TYPE	18Φ	225 kgf



La temperatura real de la resina ABS utilizada para tuberías y juntas es de -10 ~ 80°C, así que evite usarla fuera del rango o cerca del fuego.

APLICACIONES

Sector automotriz, eléctrico, E -Commerce y otros.

• Aplicable a cualquier forma de organización a un costo asequible.

• Fácil de ensamblar y fácil de modificar si es necesario.

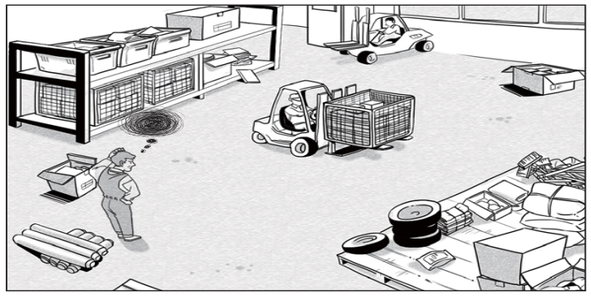
• Elimina el desperdicio y evita problemas de seguridad debido al diseño.

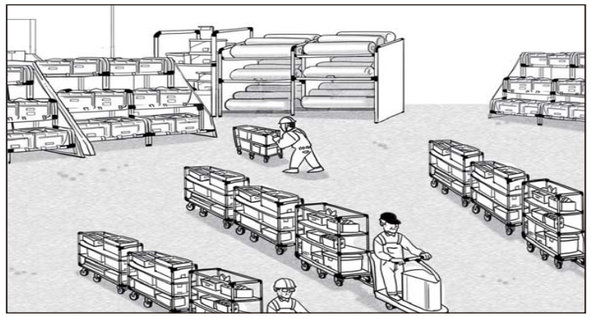
• Aplicable a FFO (primero en entrar, primero en salir) permitiendo el control total del inventario.

• Control del inventario mejorado gracias a la gestión visual del materia.

• Se requiere un espacio de almacenamiento reducido gracias a la gestión mejorada del material y la optimización del espacio de almacenamiento.

¿Cómo minimizar el desperdicio de producción?





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APLICACIONES

APLICACIONES

01.

02.

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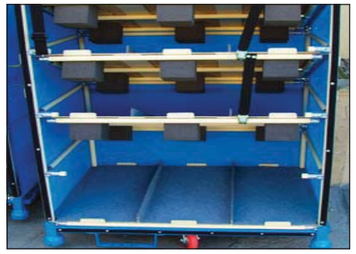
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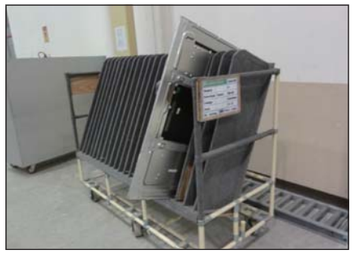
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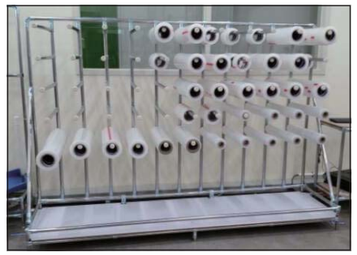
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Ideas Lean