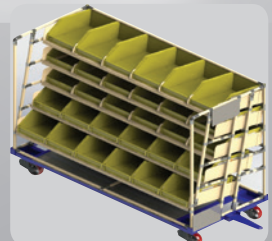
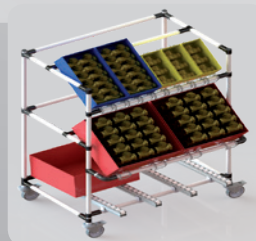
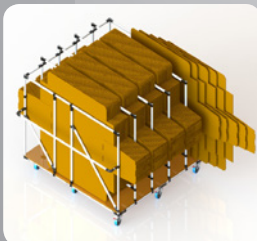


PIPE RACKING & SHELVING SYSTEM



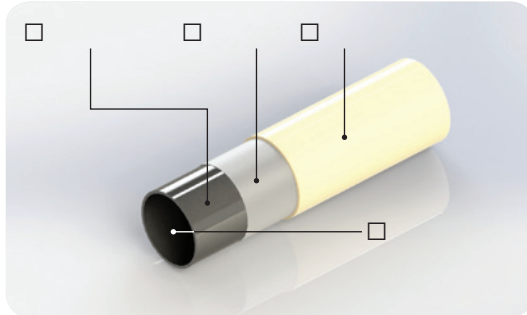
PIPES | METAL JOINTS | PLASTIC JOINTS | PLASTIC WHEEL CONVEYOR | PWC MOUNT BRACKETS
SLIDE PIPE MOUNT BRACKETS | ACCESSORIES | TECHNICAL SPECIFICATIONS | APPLICATIONS

PIPES

PIPE RACKING & SHELVING SYSTEM

Coated & Double Coated Pipe

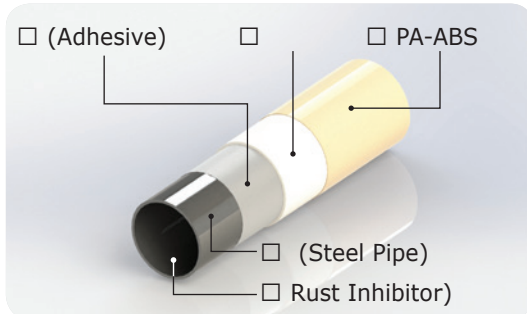
Coated Pipe



☐ Features

- Light and durable resin coated structural steel pipe.
- Clean surface with rust-proof spraying inside.
- Various color selections applied to the working environment and preference.
- More economic and lighter systems than generally used racking & shelving system.

Double Coated Pipe



Chemical Tests

No	(Test Conditions)	(Test Method)	☐ ☐ (Result)		Remark
			Coated pipe	Double coated pipe	
1	(UV)		X	O	
2	(cutting oil)		X	O	
3	(inhibited oil)		☐	O	
4	(methanol)		X	X	
5	(toluene)		X	X	
6	(machine oil)		X	O	
7	(bleaching agents for industry)		O	O	
8	(household bleach)		O	O	
9	(methyl alcohol)		X	X	
10	(cooking oil)		☐	O	
11	(saline solution)		X	O	
12	(hydrochloric acid)		X	X	
13	(Carbonated Water)		O	O	

1.

2.: O - (unchanged) ☐ - (potential for change) X - (change surface)

PIPE RACKING & SHELVING SYSTEM

PIPES

METAL JOINTS

PLASTIC JOINTS

PLASTIC WHEEL CONVEYOR

PWC MOUNT BRACKETS

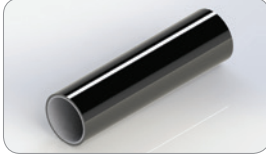
SLIDE PIPE MOUNT BRACKETS

ACCESSORIES

TECHNICAL SPECIFICATIONS

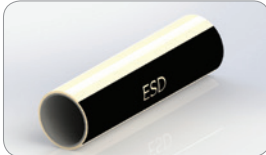
APPLICATIONS

ESD Pipe



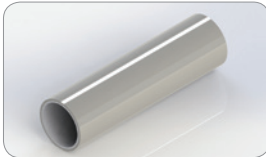
ESD Black

-
-
- Coated with Carbon black to increase the surface resistance. ($10^4 \sim 10^5$)



ESD Stripe

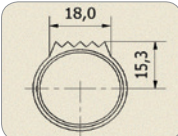
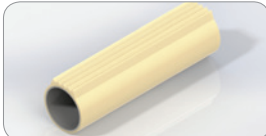
- : $10^4 \sim 10^5$
- Coated with Carbon black on the ABS to increase the durability



ESD Grey

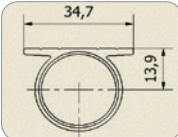
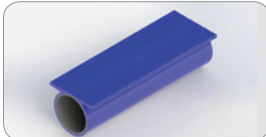
- : $10^9 \sim 10^{10}$
- Coated with the PE - ESD composition
- The surface resistance is higher than Carbon black's

Variable Pipe ()



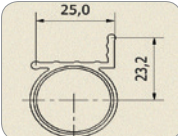
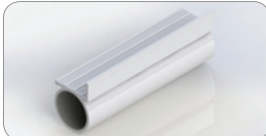
Slide Pipe

- The thread shaped pipe for flow rack



Flat Pipe

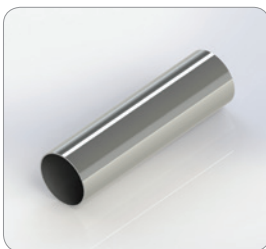
- Flat shaped pipe for hanging tool box and rack shelf support etc.



Slide Guide Pipe

- L - shaped pipe acts as a side guide

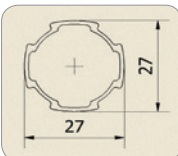
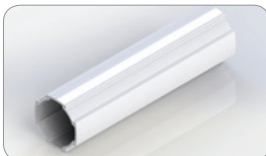
Stainless Steel Pipe ()



STS Pipe

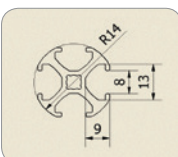
- -
 -
 -
 -
 -
 -
- * Features
- Recyclable environment friendly product.
 - Light weight and high strength.
 - No toxic smells during cutting.
 - Minimal containment by oil and shemical spill.
 - Conductive and antistatic property.
 - Assembled in various types.
 - Proper in clean room.

Aluminium Pipe ()



Standard Pipe

- Substitute for ABS Coated Pipe for rack structures



Solid Pipe

- Light weight , high strength and suitable for an heavy rack structures.
Available with Rubber Guide

PIPES

Specification ()

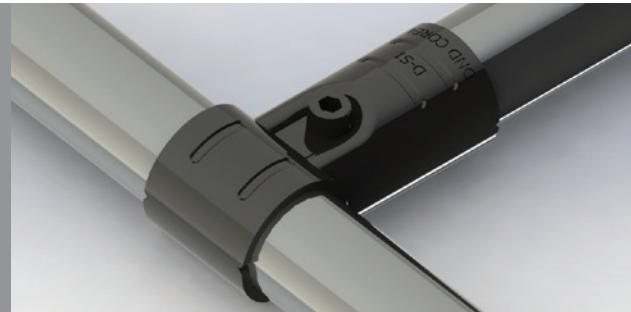
Type	Part No	Spec	Diameter(mm)	Thickness	Standard Length` (mm)
Coated Pipe	CP2807		□28	t0.7	4,000
	CP2810		□28	t1.0	
	CP2820		□28	t2.0	
Double Coated Pipe	CP2807		□28	t0.7	
	CP2810		□28	t1.0	
	CP2820		□28	t2.0	
ESD Stripe Pipe	ESP2807		□28	t0.7	
	ESP2810		□28	t1.0	
ESD Black Pipe	EBP2807		□28	t0.7	
	EBP2810		□28	t1.0	
ESD Grey Pipe	ECP2807		□28	t0.7	
	ECP2810		□28	t1.0	
Slide Pipe	SP2807		□28	t0.7	
	SP2810		□28	t1.0	
Slide Guide Pipe	SG2807		□28	t0.7	
	SG2810		□28	t1.0	
Flat Pipe	FL2807		□28	t0.7	
	FL2810		□28	t1.0	
STS Pipe	ST2807		□28	t0.7	
	ST2809		□28	t0.9	
	ST2812		□28	t1.2	
Aluminium Pipe	AL2810		□28	t1.0	
	AL2820		□28	t2.0	

Pipe Color ()

Type	Color	Pipe Specification			Remark
		Coated	Double Coated	ESD	
Single & Double Coated	Ivory	☐	☐	-	
	Light Blue	☐	☐	-	
	Dark Blue	☐	☐	-	
	Light Green	☐	☐	-	
	Green	☐	☐	-	
	Orange	☐	☐	-	
	Brown	☐	☐	-	
	Red	☐	☐	-	
	Yellow	☐	☐	-	
	Pink	☐	☐	-	
	Purple	☐	☐	-	
	White	☐	☐	-	
	Black	☐	☐	-	
	Light Grey	☐	☐	-	
	Dark Grey	☐	☐	-	
ESD 	Grey	-	-	☐	
	Black	-	-	☐	
	Ivory/Black	-	-	☐	

PIPE RACKING & SHELVING SYSTEM

METAL JOINTS

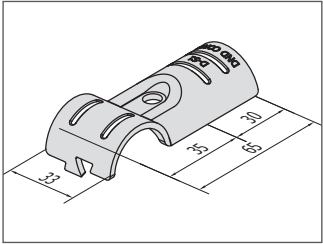
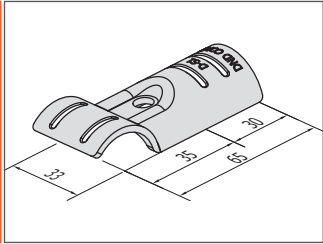
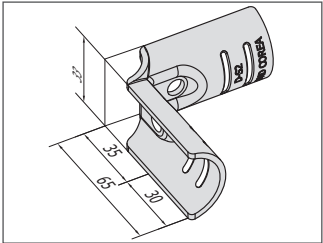
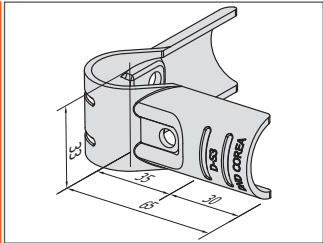
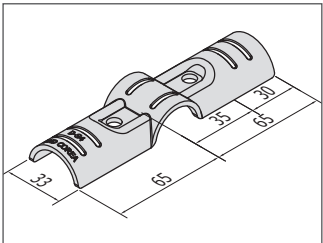
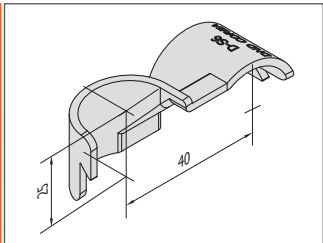
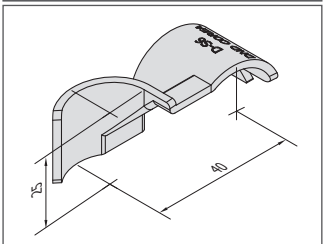
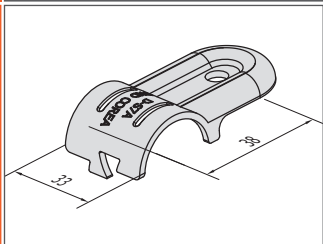
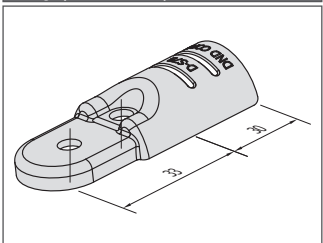
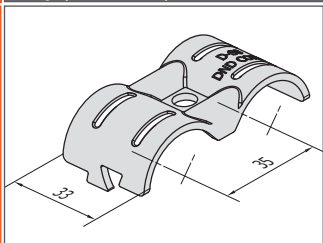


(Part code system)

D	—	S1	X
Joint Type		Part No	Color
* D - Metal Joint(Single)		*S1	*Z - Zinc
*DJ - Metal Joint(sets)		*S2	*B - Black
		*S3	*N - Nickel
			*C - Chromium

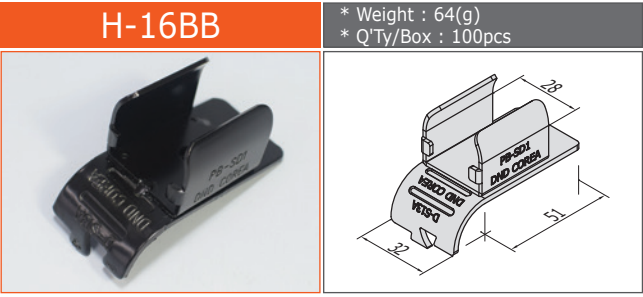
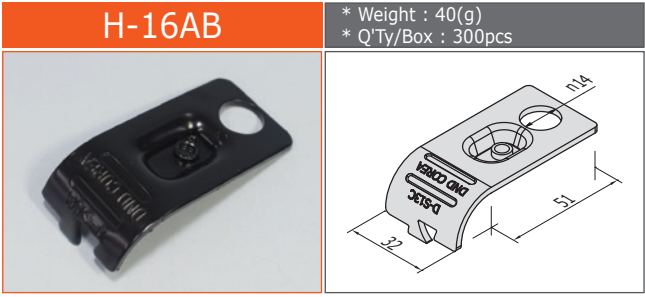
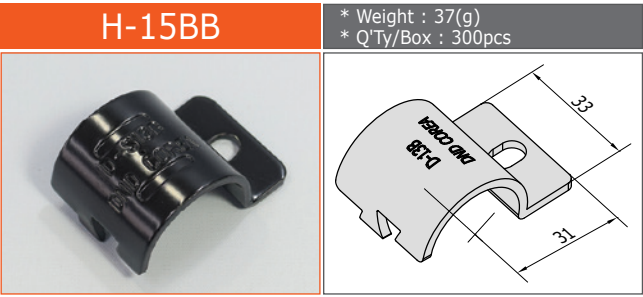
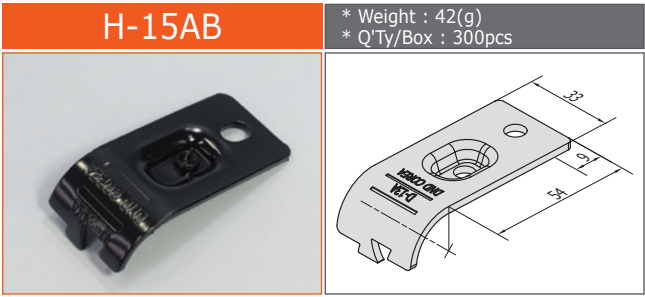
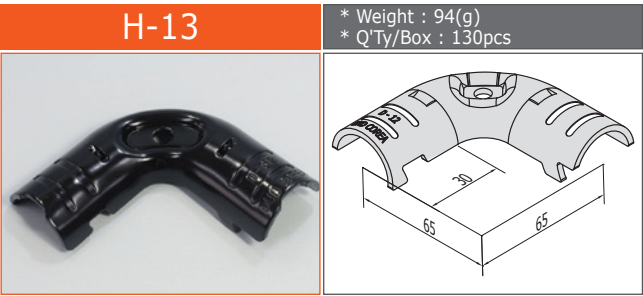
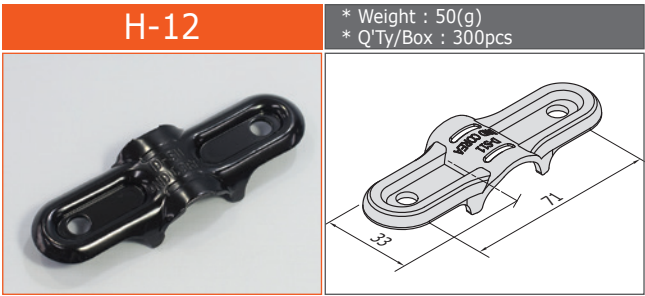
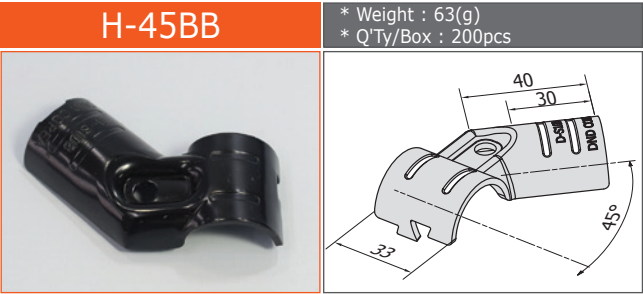
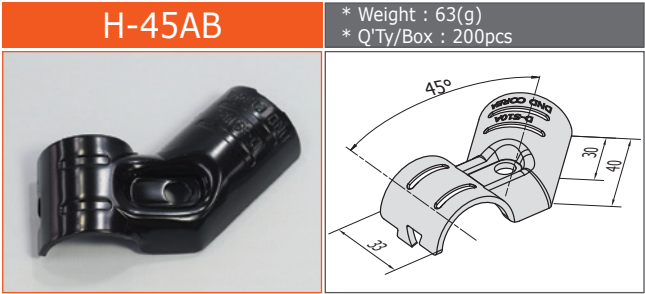
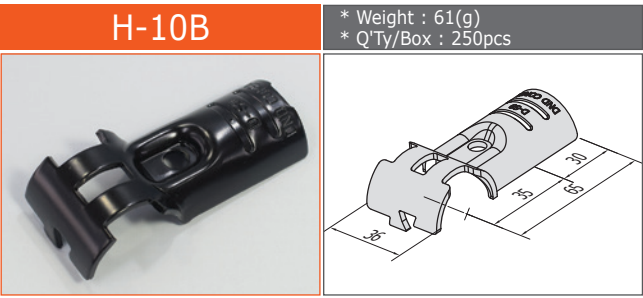
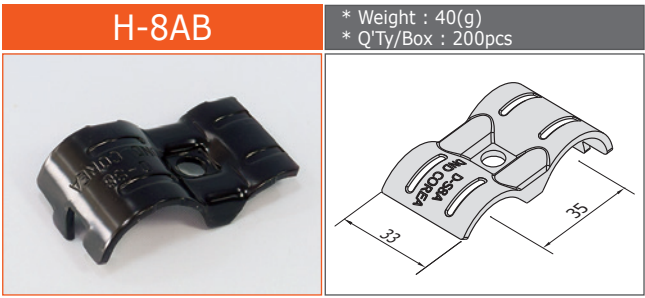
METAL JOINTS

METAL JOINTS (Single)

H-1B 	* Weight : 67(g) * Q'Ty/Box : 250pcs 	H-1BB 	* Weight : 59(g) * Q'Ty/Box : 300pcs 
H-2B 	* Weight : 88(g) * Q'Ty/Box : 200pcs 	H-3B 	* Weight : 116(g) * Q'Ty/Box : 80pcs 
H-4B 	* Weight : 104(g) * Q'Ty/Box : 200pcs 	H-7B 	* Weight : 47(g) * Q'Ty/Box : 200pcs 
H-7BB 	* Weight : 42(g) * Q'Ty/Box : 300pcs 	H-5B 	* Weight : 43(g) * Q'Ty/Box : 250pcs 
H-6B 	* Weight : 54(g) * Q'Ty/Box : 250pcs 	H-8B 	* Weight : 47(g) * Q'Ty/Box : 200pcs 

PIPE RACKING & SHELVING SYSTEM

*Usage : $\Phi 28$
*Unit : mm
*Color : Zinc/Black/Nickel/Chromium



PIPES

METAL JOINTS

PLASTIC JOINTS

CONVEYOR

WHEEL

PLASTIC

BRACKETS

PVC

PIPE

BRACKETS

SLIDE

PIPE

BRACKETS

ACCESSORIES

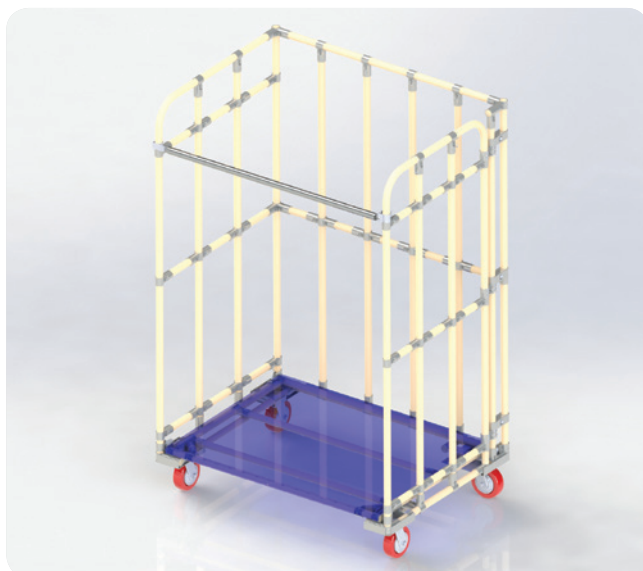
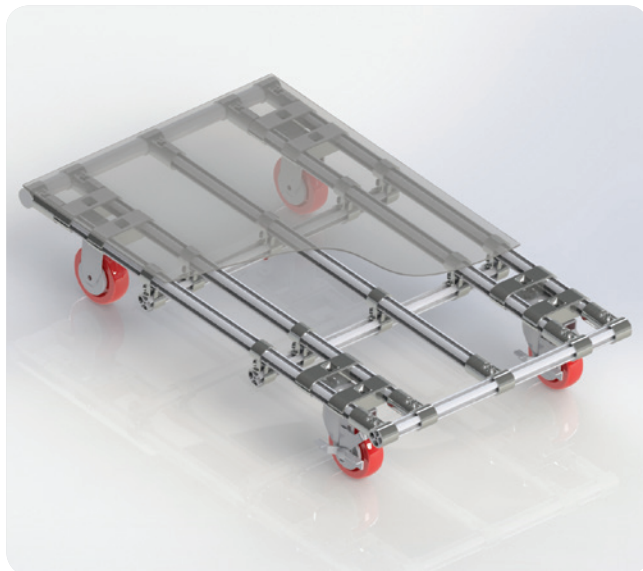
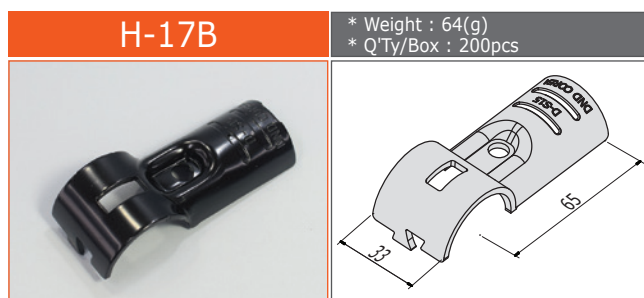
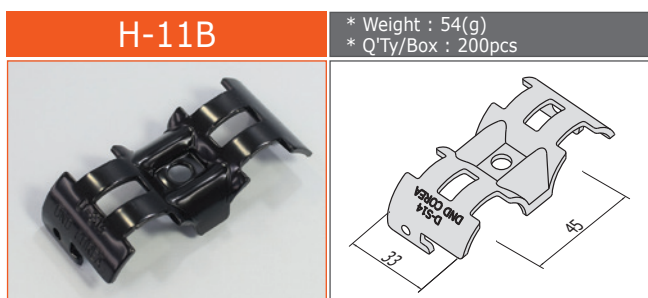
TECHNICAL SPECIFICATIONS

APPLICATIONS

METAL JOINTS

METAL JOINTS (Single)

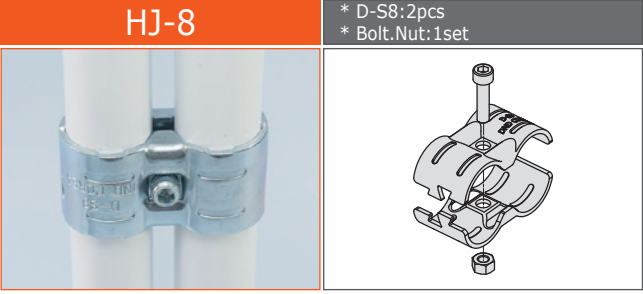
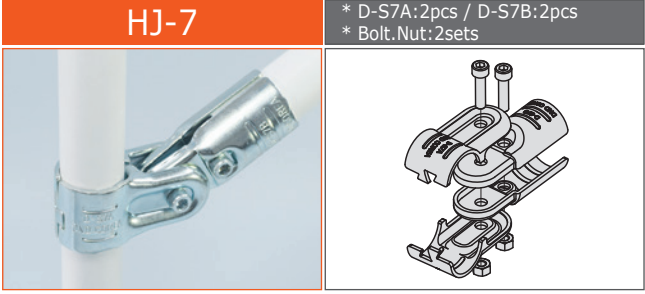
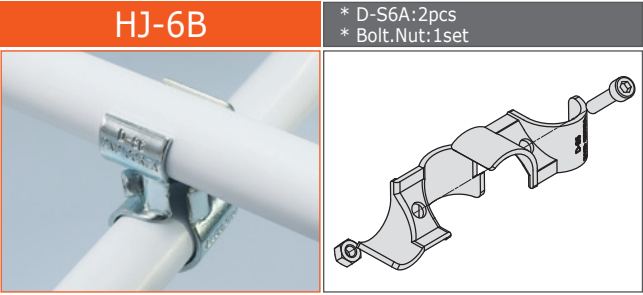
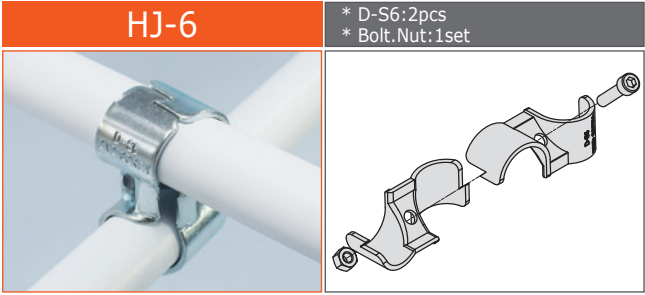
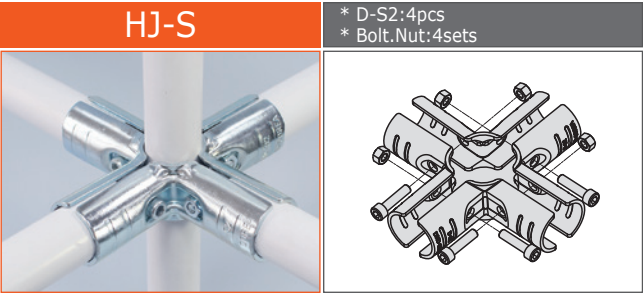
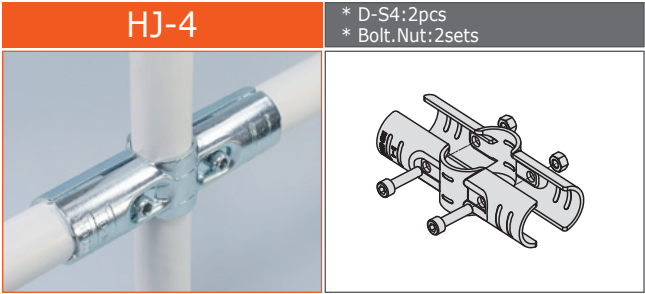
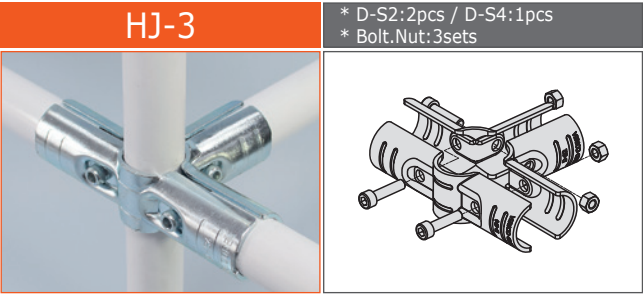
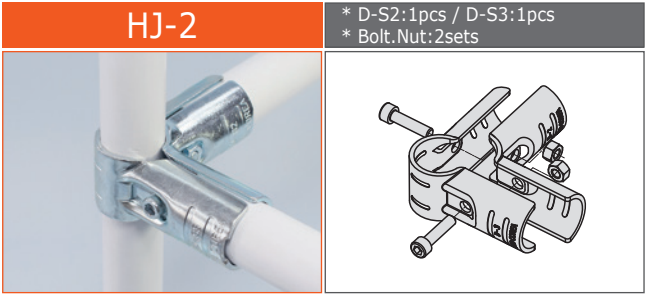
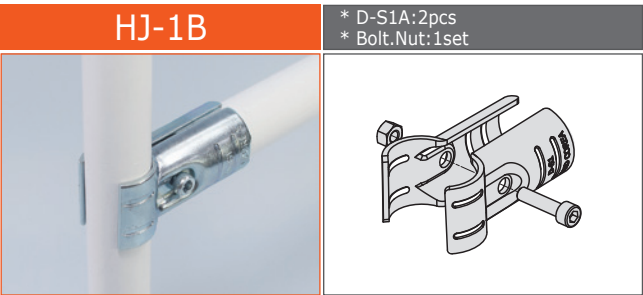
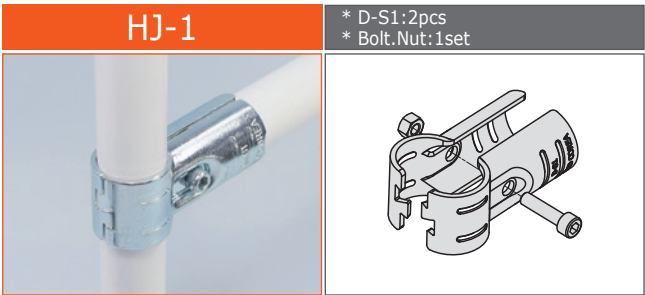
*Usage : $\Phi 28$
 *Unit : mm
 *Color : Zinc/Black/Nickel/Chromium



PIPE RACKING & SHELVING SYSTEM

METAL JOINT SETS

*Usage : $\Phi 28$
*Unit : mm
*Color : Zinc/Black/Nickel/Chromium



PIPES

METAL JOINTS

PLASTIC JOINTS

PLASTIC WHEEL CONVEYOR

PWC MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS

ACCESSORIES

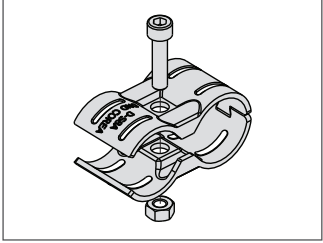
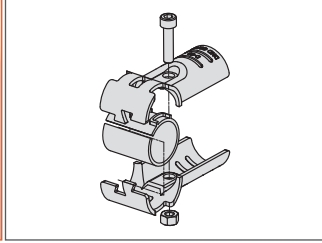
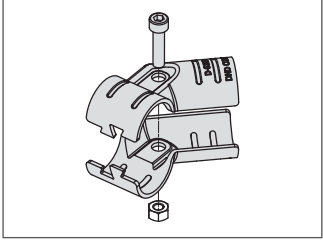
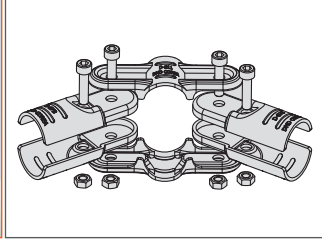
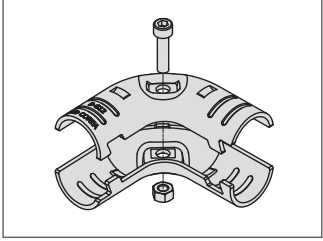
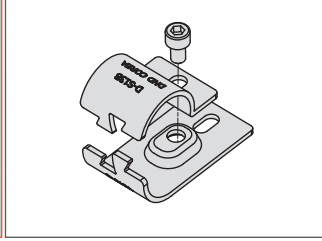
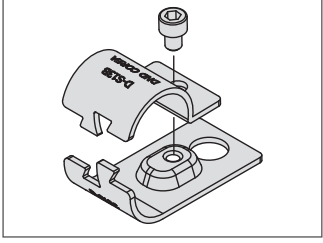
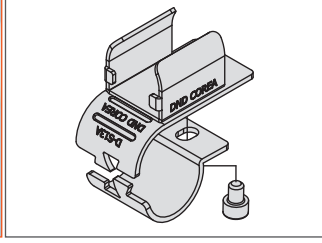
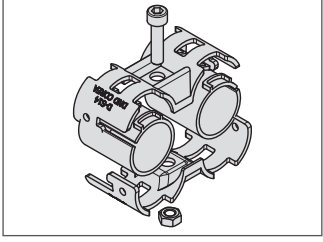
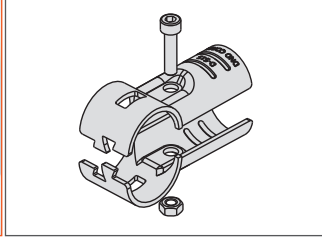
TECHNICAL SPECIFICATIONS

APPLICATIONS

METAL JOINTS

METAL JOINT SETS

*Usage : $\Phi 28$
 *Unit : mm
 *Color : Zinc/Black/Nickel/Chromium

HJ-8A 	* D-S8A:2pcs * Bolt.Nut:1set 	HJ-10 	* D-S9:2pcs / DJP-9C:1pcs * Bolt.Nut:1set 
HJ-45 	* D-S10A:1pcs / D-S10B:1pcs * Bolt.Nut:1set 	HJ-12 	* D-S11:2pcs / D-S7B:4pcs * Bolt.Nut:4sets 
HJ-13 	* D-S12:2pcs * Bolt.Nut:1set 	HJ-15 	* D-S13A:1pcs/D-S13B:1pcs * Bolt:1pcs 
HJ-16A 	* D-S14:2pcs / DJP-9C:2pcs * Bolt:1pcs 	HJ-16AB 	* D-S15:2pcs * Bolt:1pcs 
HJ-11 	* D-S14:2pcs / DJP-9C:2pcs * Bolt.Nut:1set 	HJ-17 	* D-S15:2pcs * Bolt.Nut:1set 

PIPE RACKING & SHELVING SYSTEM

PLASTIC JOINTS

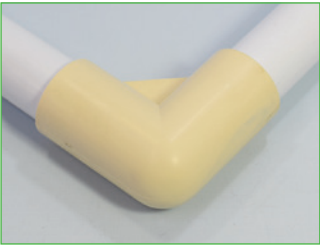
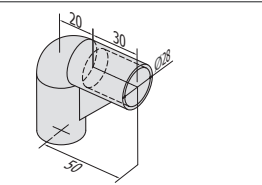
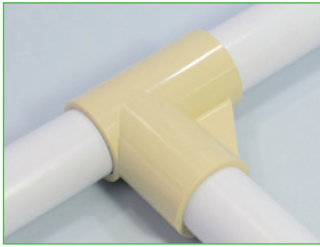
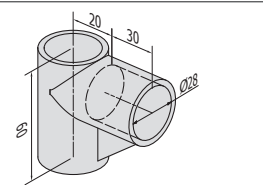
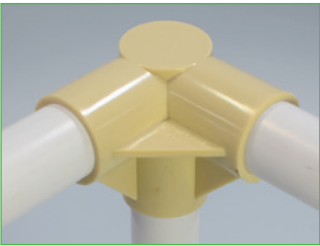
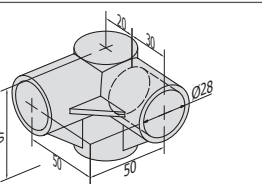
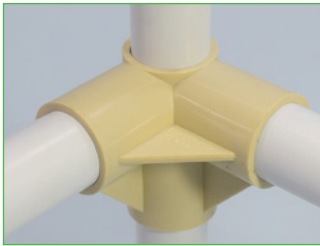
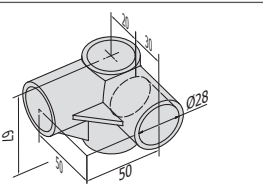
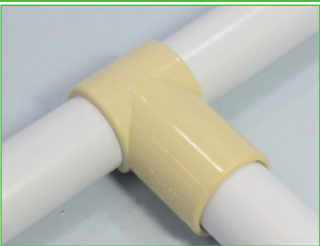
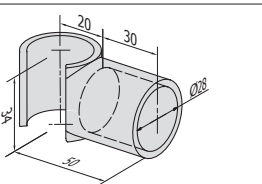
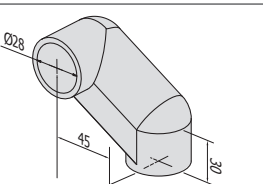
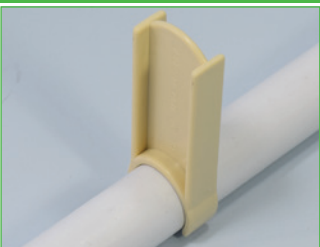
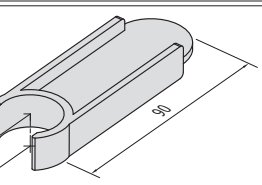
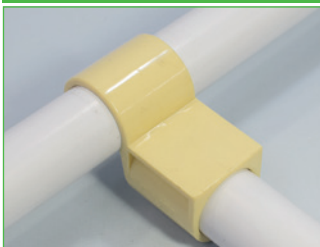
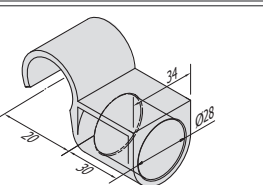
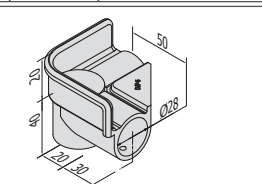
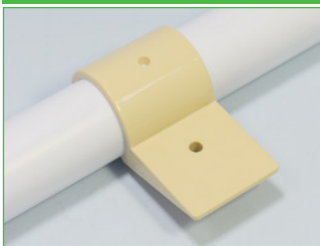
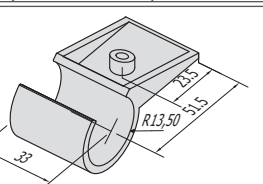


(Part code system)

DJP	107D	X
Joint Type	Part No	Color
*DJP - Plastic Joint	*107D	*IV - IVORY *BK - BLACK *BL - BLUE *NO - Normal

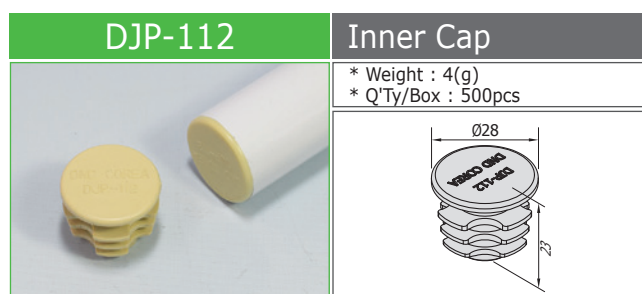
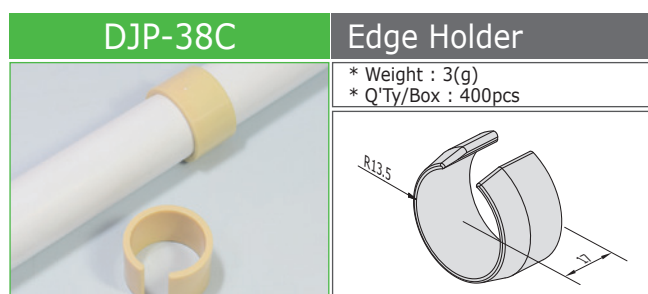
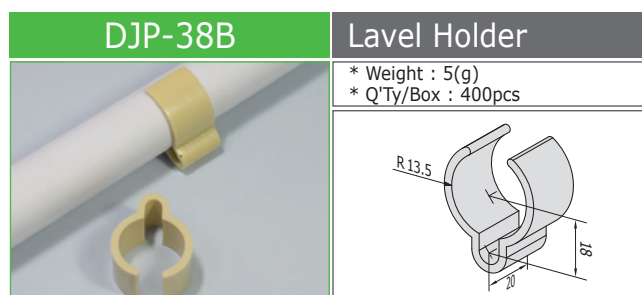
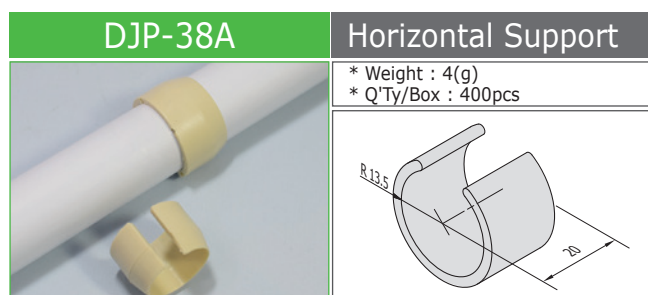
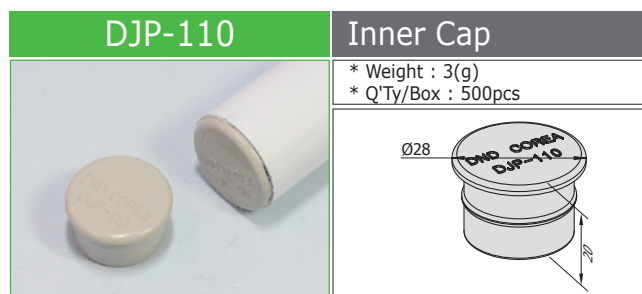
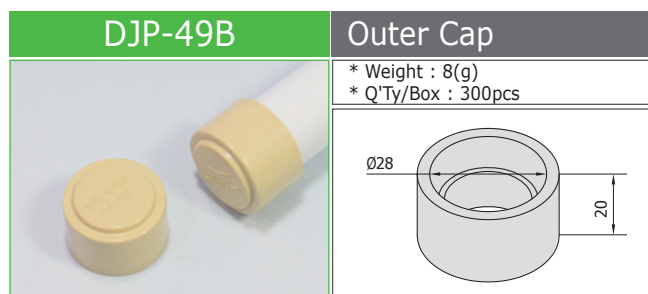
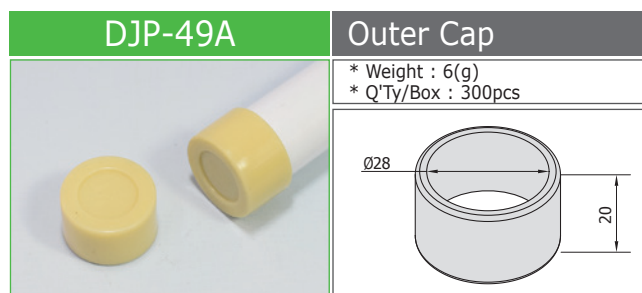
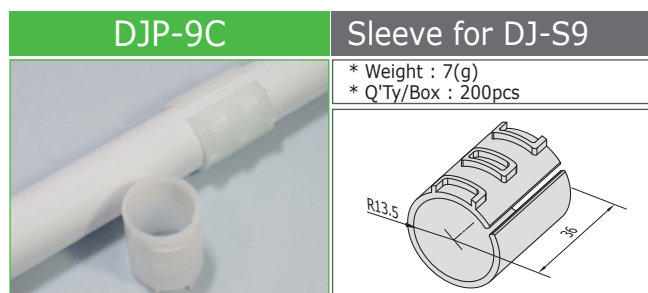
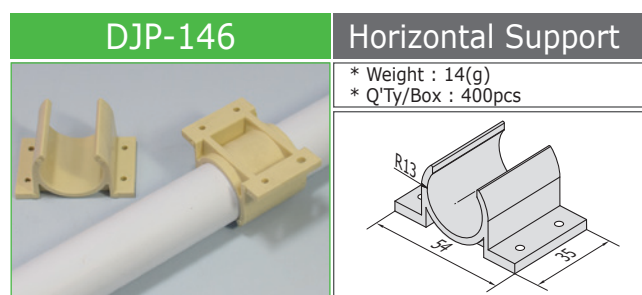
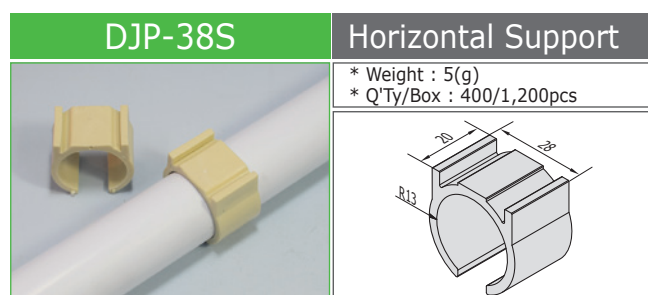
P PLASTIC JOIN

PLASTIC JOINTS

DJP-105 	Plastic Joint * Weight : 36(g) * Q'Ty/Box : 150pcs 	DJP-107D 	Plastic Joint * Weight : 31(g) * Q'Ty/Box : 150pcs 
DJP-104C 	Plastic Joint * Weight : 49(g) * Q'Ty/Box : 100pcs 	DJP-104D 	Plastic Joint * Weight : 47(g) * Q'Ty/Box : 100pcs 
DJP-159 	Plastic Joint * Weight : 18(g) * Q'Ty/Box : 250pcs 	DJP-117R/117L 	Self Cart Handles * Weight : 84(g)/2pcs * Q'Ty/Box : 130pcs 
DJP-201 	Plastic Divider * Weight : 16(g) * Q'Ty/Box : 250/400pcs 	DJP-123 	Slide Joint * Weight : 21(g) * Q'Ty/Box : 250pcs 
DJP-5 	Corner Base * Weight : 60(g) * Q'Ty/Box : 60pcs 	DJP-202 	Plate Holder * Weight : 12(g) * Q'Ty/Box : 250/500pcs 

PIPE RACKING & SHELVING SYSTEM

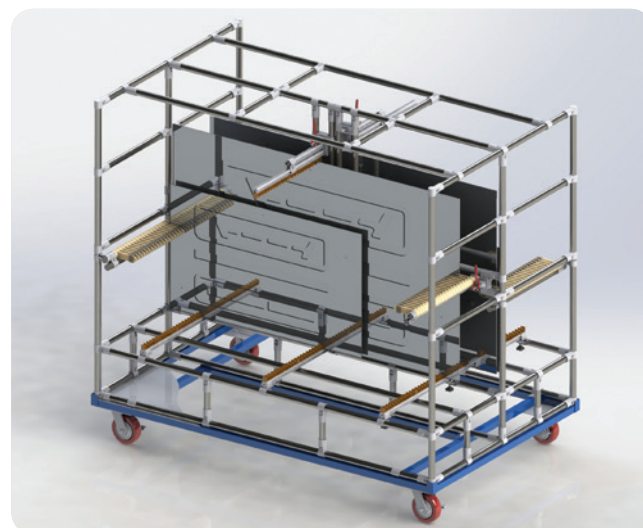
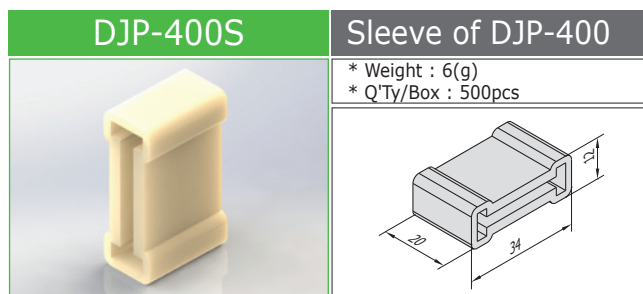
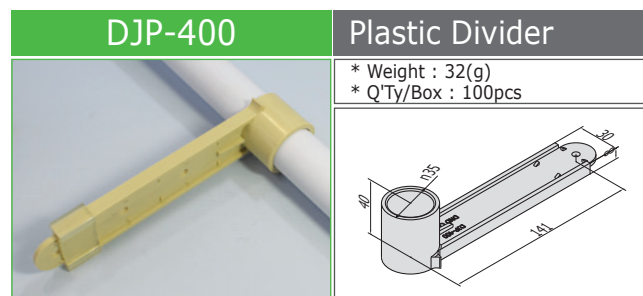
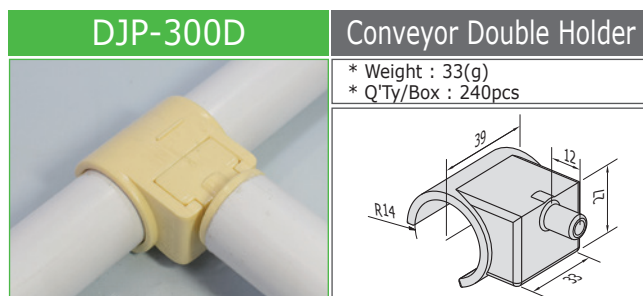
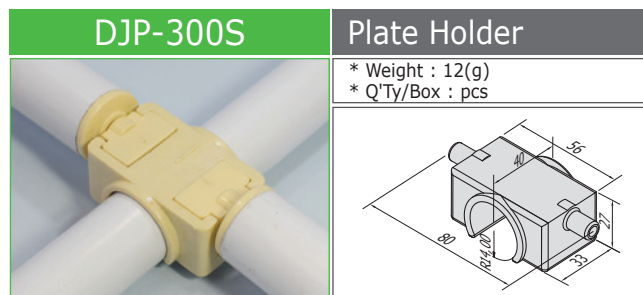
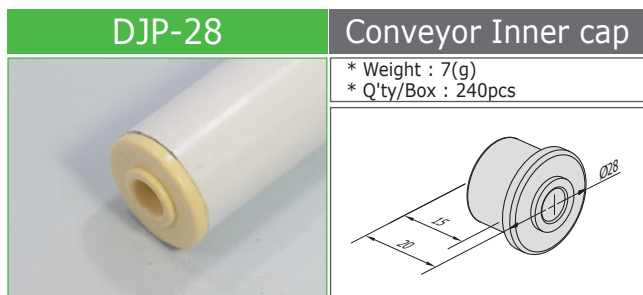
*Usage : $\Phi 28$
 *Unit : mm
 *Color : Ivory/Black/Grey/White/Blue



P PLASTIC JOIN

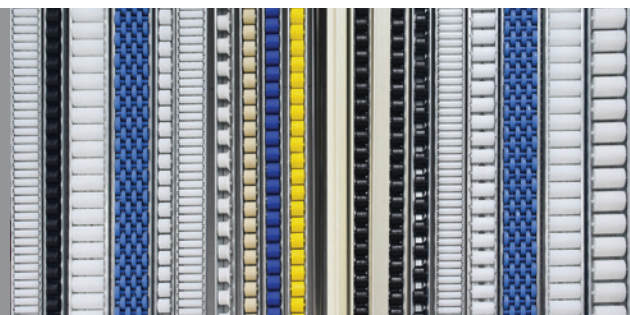
PLASTIC JOINTS

*Usage : $\Phi 28$
 *Unit : mm
 *Color : Ivory/Black/Grey/White/Blue



PIPE RACKING & SHELVING SYSTEM

PLASTIC WHEEL CONVEYOR



PWC Specification												
Series	Type	Part No	Load Capacity	Roller Diameter (mm)	Roller Pitch (mm)	Frame Material	ESD	Roller Color				Standard Length(M)
								WHITE	BLACK	IVORY	GREY	
40	Standard	PWC-4035S	150	32	35	SPCC		●				4
	ESD Black	PWC-4035E	150	32	35	SPCC	●		●			
	Flange	PWC-4050F	150	32	50	SPCC		●				
	ESD Flange	PWC-4050EF	150	32	50	SPCC	●		●			
	Rubber	PWC-4035R	150	32	35	SPCC				●	●	
60	Standard	PWC-6018S	120	16	18	SPCC		●				
		PWC-6018B	120	16	18	SPCC	●		●			
	Rubber	PWC-6018R	120	16	18	SPCC	●		●			
	ESD Black	PWC-6018E	120	16	18	SPCC	●		●			
	Standard	PWC-6037S	170	30	37	SPCC		●				
		PWC-6037B	170	30	37	SPCC			●			
	ESD Black	PWC-6037E	170	30	37	SPCC	●					
	Rubber	PWC-6037R	170	30	37	SPCC				●	●	
	AL Standard	PWC-6033S	200	30	33	Aluminium		●				
	AL Rubber	PWC-6033E	200	30	33	Aluminium				●	●	
	AL ESD Rubber	PWC-6033R	200	30	33	Aluminium	●			●		
80	Standard	PWC-8037S	360	35	37	SPCC		●				
		PWC-8037B	360	35	37	SPCC			●			
	Multi Roller	PWC-8023SM	360	33	23	SPCC		●				
	Standard	PWC-8050S	350	40	50	SPCC		●				
	ESD Black	PWC-8050E	350	40	50	SPCC	●		●			
	Rubber	PWC-8050R	350	40	50	SPCC				●	●	

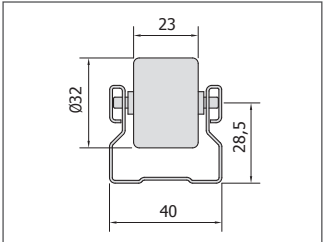
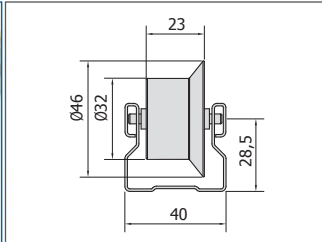
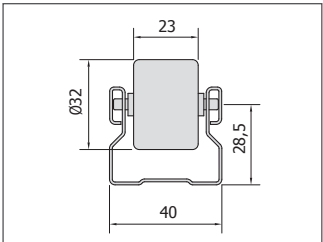
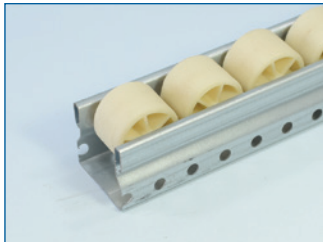
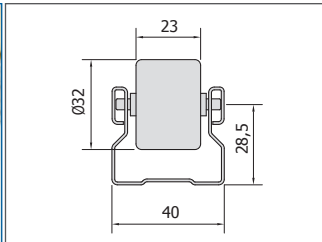
(Part code system)

PWC	—	40	35	S	X
		Series No	Pitch(mm)	Roller Type	Color
		*30 SERIES	*Pitch 35mm	*S - STANDARD	*WH - WHITER
		*40 SERIES		*M - MULTI	*BK - BLACK
		*60 SERIES		*E - ESD	*IV - IVORY
		*80 SERIES		*F - FLANGE	*GR - GREY
				*E F - E S D FLANGE	*OR - ORANGE
				*R - RUBBER	*BL - BLUE
				*E R - E S D RUBBER	

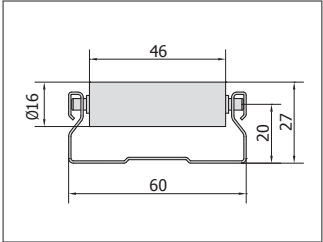
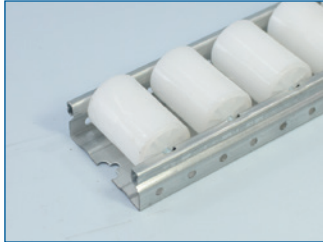
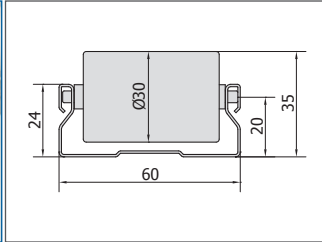
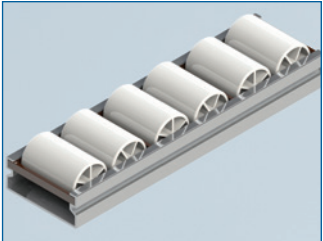
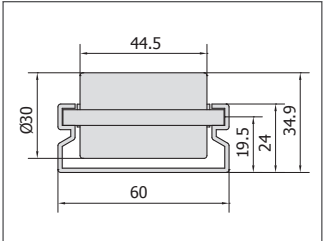
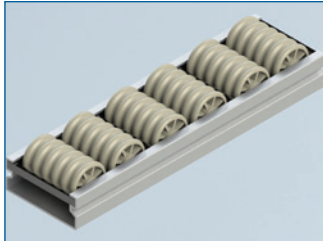
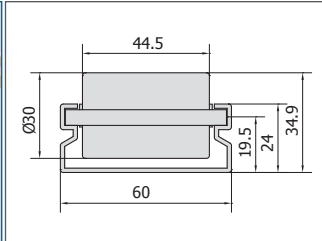
P PLASTIC WHEEL CONVEYOR

PLASTIC WHEEL CONVEYOR

PWC 40 - Series

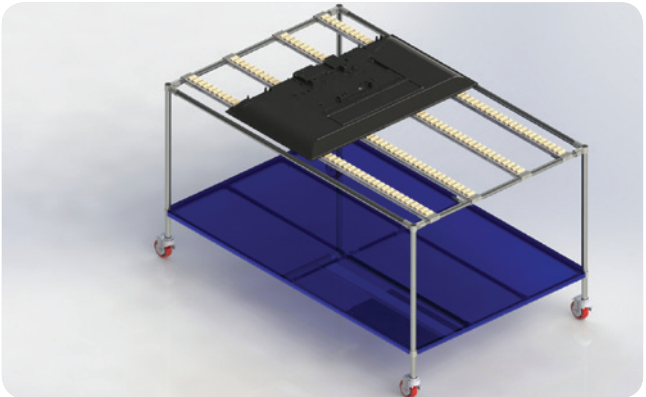
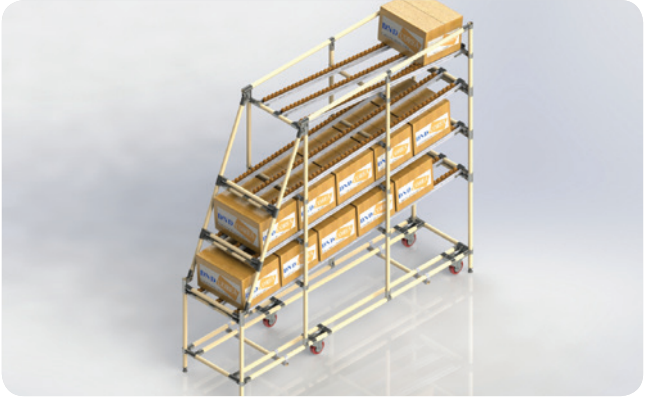
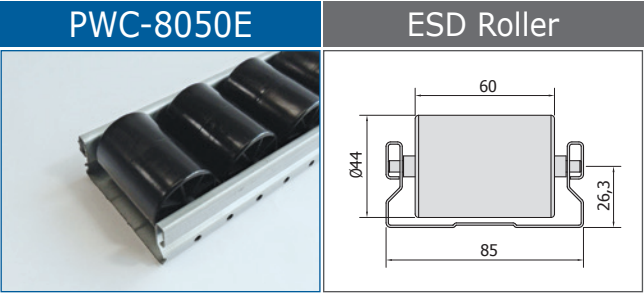
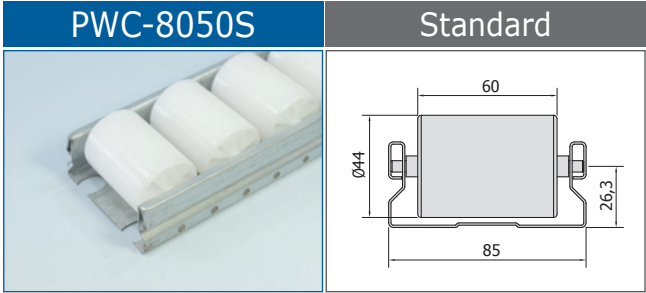
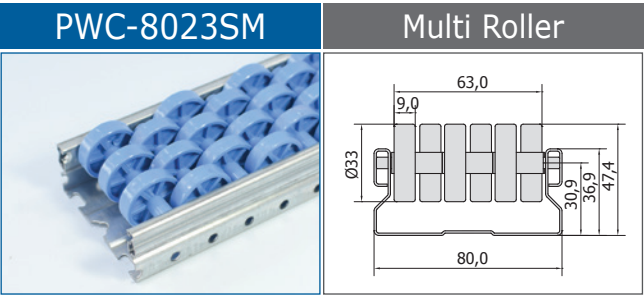
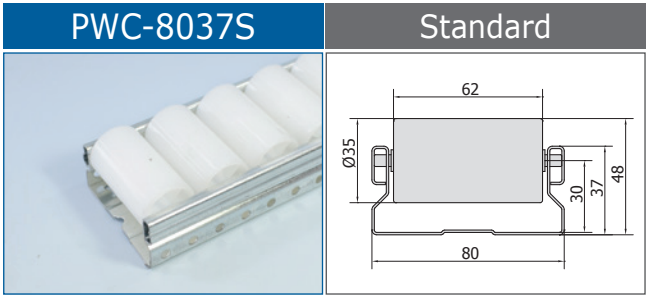
PWC-4035S	Standard	PWC-4050F	Flange Roller
			
PWC-4035E	ESD Black	PWC-4035R	Rubber Roller
			

PWC 60 - Series

PWC-6018S	Standard	PWC-6037S	Standard
			
PWC-6033S	Aluminium * PE	PWC-6033R	Aluminium * Rubber
			

PIPE RACKING & SHELVING SYSTEM

| PWC 80 - Series



PIPES

METAL JOINTS

PLASTIC JOINTS

PLASTIC WHEEL CONVEYOR

PWC MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS

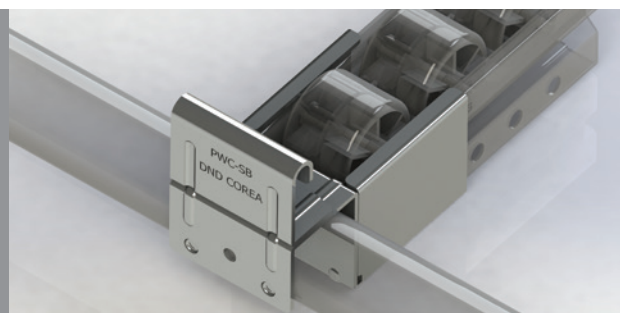
ACCESSORIES

TECHNICAL SPECIFICATIONS

APPLICATIONS

PWC MOUNT BRACKRTS

PWC MOUNT BRACKETS



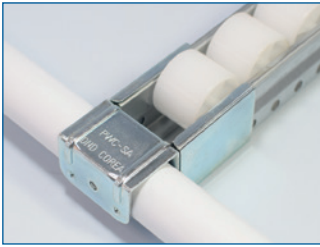
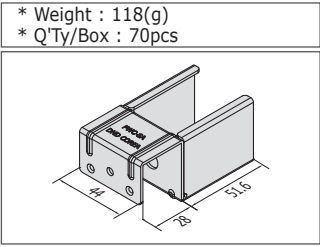
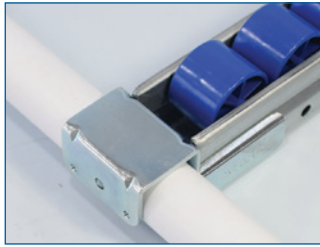
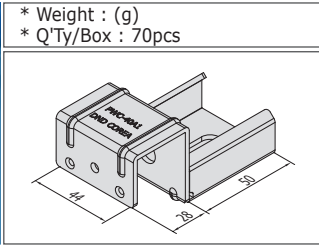
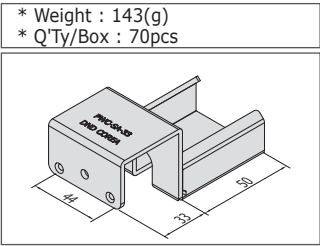
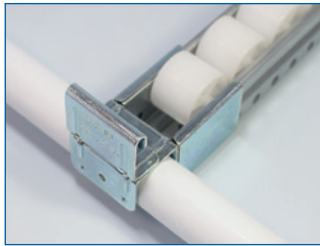
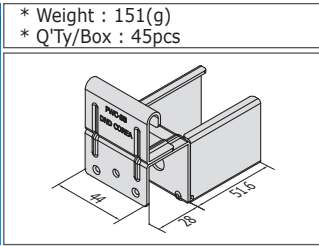
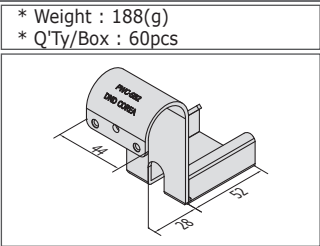
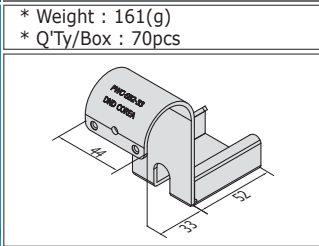
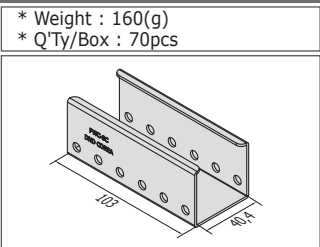
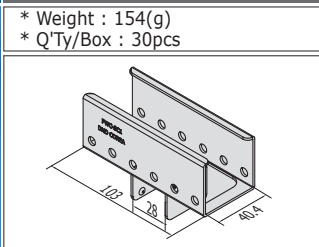
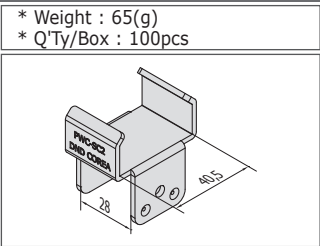
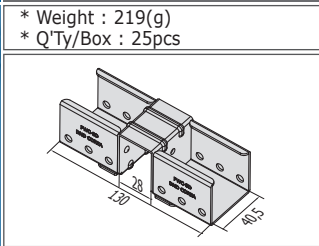
(Part code system)

PWC	—	60	A	X
		Type	Part No	Color
		*30 SERIES	*A	*Z - Zinc
		*40 SERIES	*B	*B - Black
		*60 SERIES	*B3	*N - Nickel
		*80 SERIES	*B233	*C - Chromium

PIPE RACKING & SHELVING SYSTEM

PWC MOUNT BRACKETS

PWC 40 - Series

PWC-40A 	Mount Bracket * Weight : 118(g) * Q'Ty/Box : 70pcs 	PWC-40A1 	Mount Bracket * Weight : (g) * Q'Ty/Box : 70pcs 
PWC-40A33 	33-Mount Bracket * Weight : 143(g) * Q'Ty/Box : 70pcs 	PWC-40B 	Mount Bracket/Tap Stop * Weight : 151(g) * Q'Ty/Box : 45pcs 
PWC-40B2 	Mount Bracket/Tap Stop * Weight : 188(g) * Q'Ty/Box : 60pcs 	PWC-40B233 	33-Mount Bracket * Weight : 161(g) * Q'Ty/Box : 70pcs 
PWC-40C 	Center Support * Weight : 160(g) * Q'Ty/Box : 70pcs 	PWC-40C1 	Center Support * Weight : 154(g) * Q'Ty/Box : 30pcs 
PWC-40C2 	Center Support * Weight : 65(g) * Q'Ty/Box : 100pcs 	PWC-40D 	Center Support * Weight : 219(g) * Q'Ty/Box : 25pcs 

PIPES

METAL JOINTS

PLASTIC JOINTS

PLASTIC WHEEL CONVEYOR

PWC MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS

ACCESSORIES

TECHNICAL SPECIFICATIONS

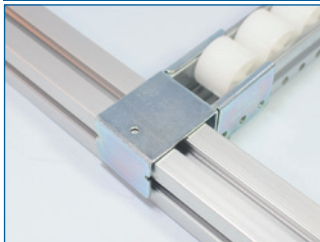
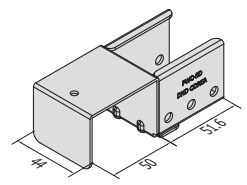
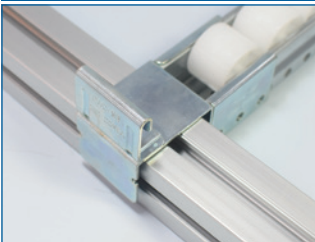
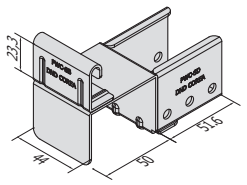
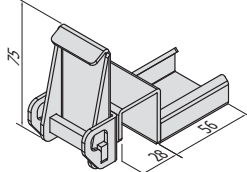
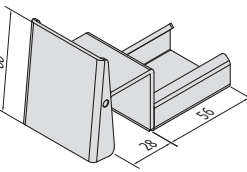
APPLICATIONS

PWC MOUNT BRACKRTS

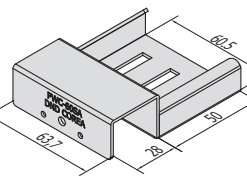
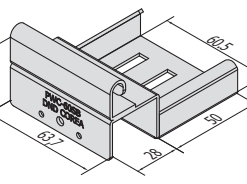
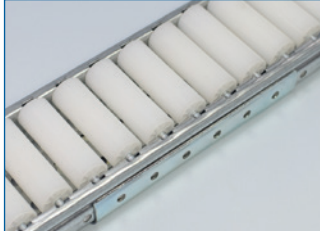
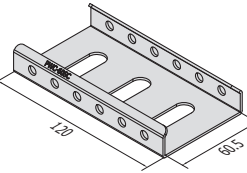
PWC MOUNT BRACKETS

PWC 40 - Series

*Usage : $\Phi 28$
 *Unit : mm
 *Color : Zinc/Black/Nickel/Chromium

PWC-P50A 	50-Mount Bracket * Weight : 156(g) * Q'Ty/Box : 60pcs 	PWC-P50B 	50-Mount Bracket * Weight : 190(g) * Q'Ty/Box : 48pcs 
PWC-40SL1 	Slide Mount Bracket * Weight : 305(g) * Q'Ty/Box : 24pcs 	PWC-40SL2 	Slide Mount Bracket * Weight : 205(g) * Q'Ty/Box : 30pcs 

PWC 60 - Series

PWC-60A 	33-Mount Bracket * Weight : 167(g) * Q'Ty/Box : 60pcs 	PWC-60B 	Mount Bracket/Tap Stop * Weight : 260(g) * Q'Ty/Box : 30pcs 
PWC-60C 	Center Support * Weight : 170(g) * Q'Ty/Box : 60pcs 		

PIPE RACKING & SHELVING SYSTEM

PWC MOUNT BRACKETS

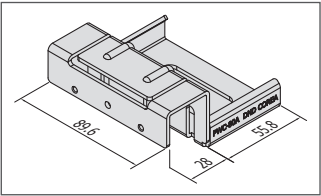
PWC 80 - Series

*Usage : Φ28
*Unit : mm
*Color : Zinc/Black/Nickel/Chromium

PWC-80A

Mount Bracket

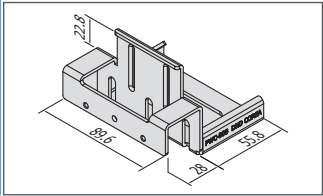
* Weight : 215(g)
* Q'Ty/Box : 30pcs



PWC-80B

Mount Bracket/Tap Stop

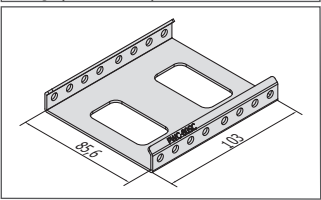
* Weight : 215(g)
* Q'Ty/Box : 30pcs



PWC-80C

Center Support

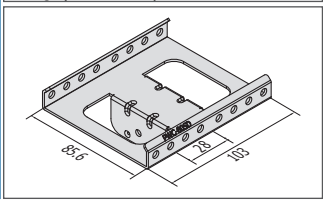
* Weight : 124(g)
* Q'Ty/Box : 70pcs



PWC-80D

Center Support

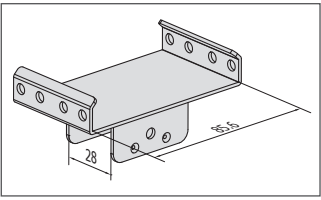
* Weight : 141(g)
* Q'Ty/Box : 30pcs



PWC-80D1

Center Support

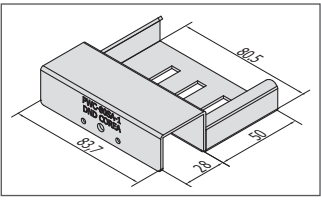
* Weight : 114(g)
* Q'Ty/Box : 40pcs



PWC-80A1

Mount Bracket

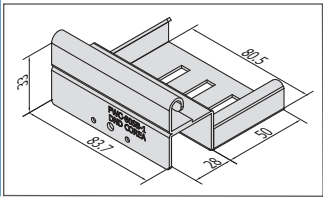
* Weight : 199(g)
* Q'Ty/Box : 30pcs



PWC-80B1

Mount Bracket/Tap Stop

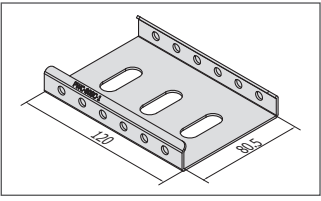
* Weight : 294(g)
* Q'Ty/Box : 30pcs



PWC-80C1

Center Support

* Weight : 130(g)
* Q'Ty/Box : 70pcs



PIPES

METAL JOINTS

PLASTIC JOINTS

CONVEYOR

WHEEL

PWC MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS

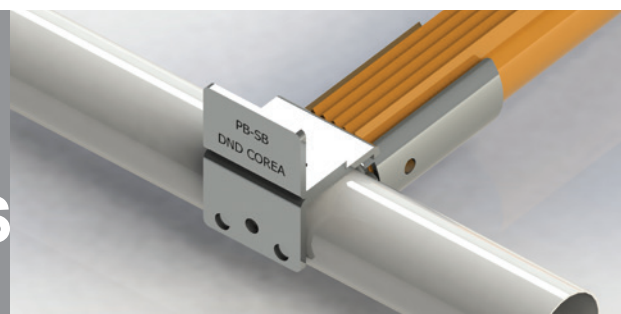
ACCESSORIES

TECHNICAL SPECIFICATIONS

APPLICATIONS

SLIDE PIPE MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS



(Part code system)

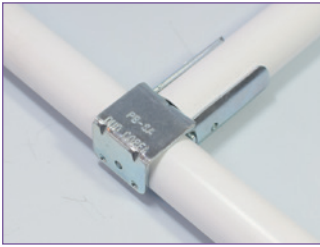
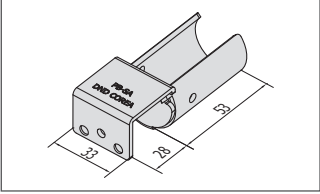
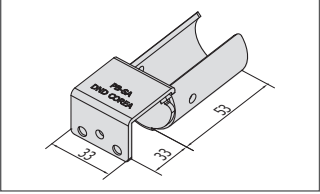
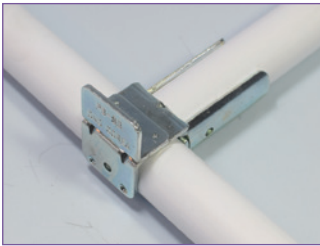
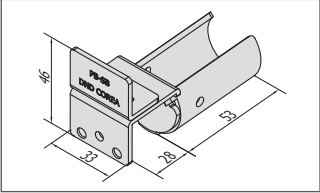
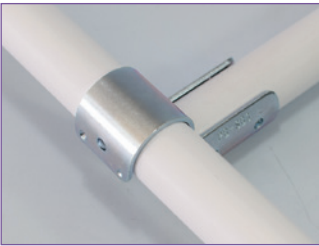
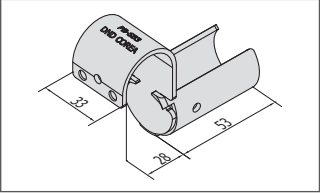
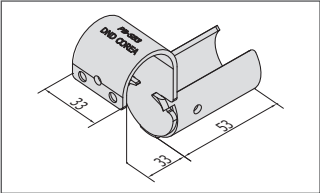
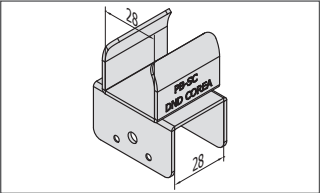
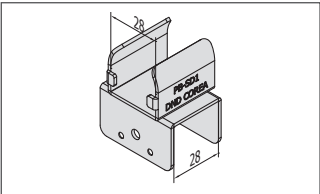
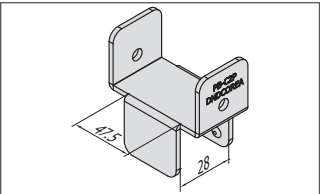
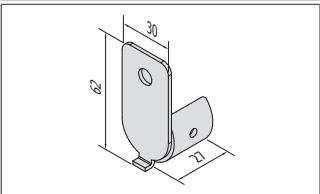
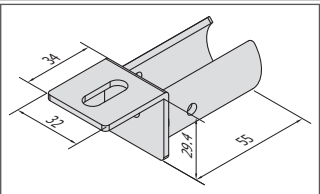
PB	—	SA	X
Type		Part No	Color
* P B - P i p e Bracket		*SA *SB *SB3 *SB333	*Z - Zinc *B - Black *N - Nickel * C - Chromium

PRODUCTS CATALOGUE

PIPE RACKING & SHELVING SYSTEM

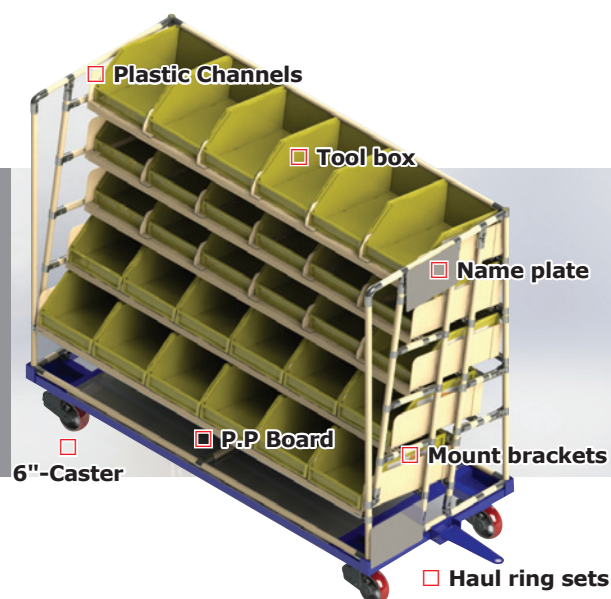
SLIDE PIPE MOUNT

*Usage : $\Phi 28$
 *Unit : mm
 *Color : Zinc/Black/Nickel/Chromium

PB-SA 	Slide Pipe Mount * Weight : 105(g) * Q'Ty/Box : 100pcs 	PB-SA33 	33-Slide Pipe Mount * Weight : 114(g) * Q'Ty/Box : 100pcs 
PB-SB 	Slide Pipe Mount * Weight : 128(g) * Q'Ty/Box : 90pcs 	PB-SB3 	Slide Pipe Mount * Weight : 135(g) * Q'Ty/Box : 90pcs 
PB-SB333 	33-Slide Pipe Mount * Weight : 123(g) * Q'Ty/Box : 90pcs 	PB-SC 	Center Support * Weight : 67(g) * Q'Ty/Box : 100pcs 
PB-SD1 	ALL Pipe Mount * Weight : 107(g) * Q'Ty/Box : 100pcs 	PB-C2P 	50-AL Mount * Weight : 77(g) * Q'Ty/Box : 100pcs 
PB-I 	Profile Mount * Weight : 59(g) * Q'Ty/Box : 200pcs 	PB-H 	Profile Mount * Weight : 107(g) * Q'Ty/Box : 100pcs 

A CCESSORIES

ACCESSORIES



(Part code system)

CBO9H		X	
Part No		Color	Plating
*CB09H		*IV - IVORY	*Z - Zinc
*A30		*BK - BLACK	*B - Black
*HC-28A		*BL - BLUE	*N - Nickel
		*GE - GREEN	*C - Chromium
		*RD - RED	

CONTENTS

- ☐ (Mount Brackets)
- ☐ (Haul Ring Sets)
- ☐ (Bushing & Leveling Foot)
- ☐ Plastic Channels)
- ☐ (Name Plates)
- ☐ (Wire Rack)
- ☐ (Accessories of Aluminium Pipe)
- ☐ (Board & Sheets)
- ☐ Fasteners)
- ☐ (Casters)

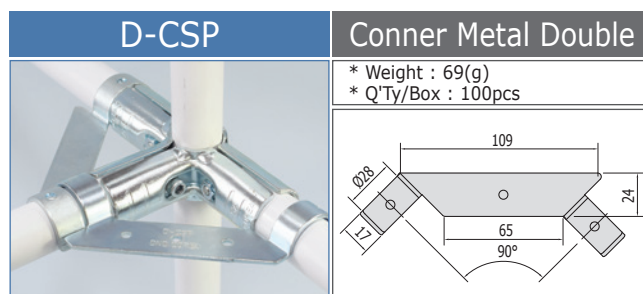
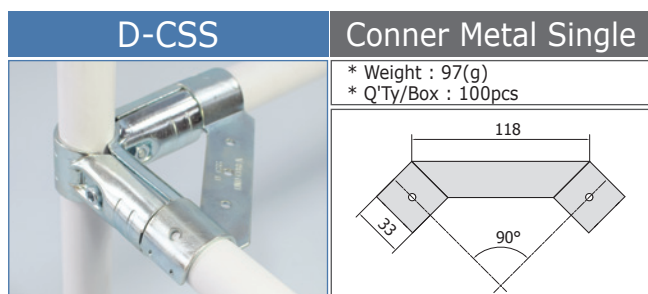
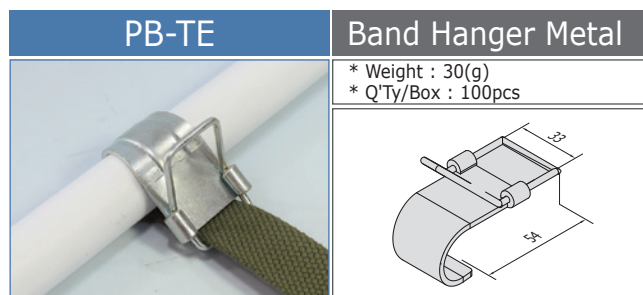
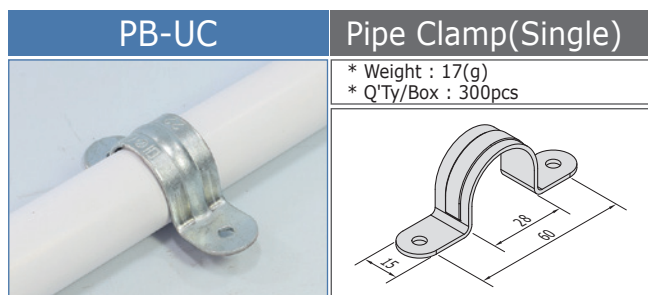
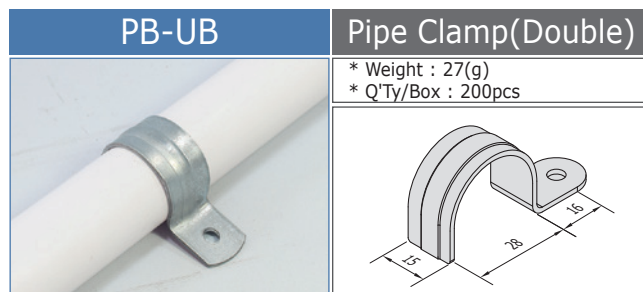
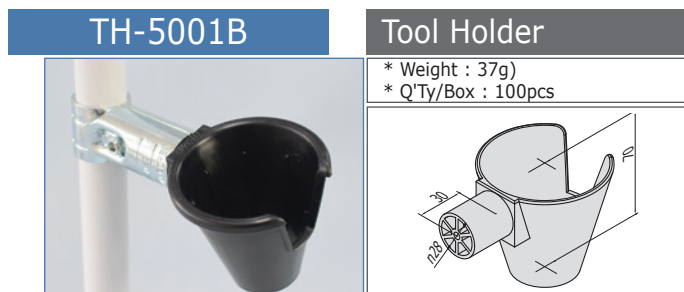
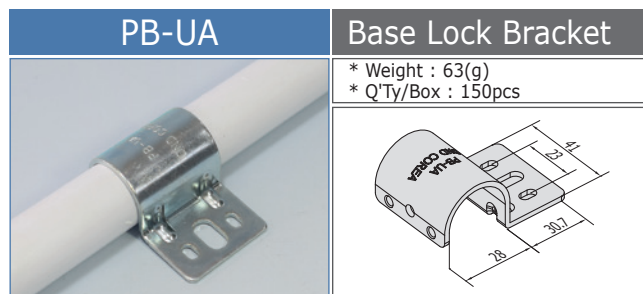
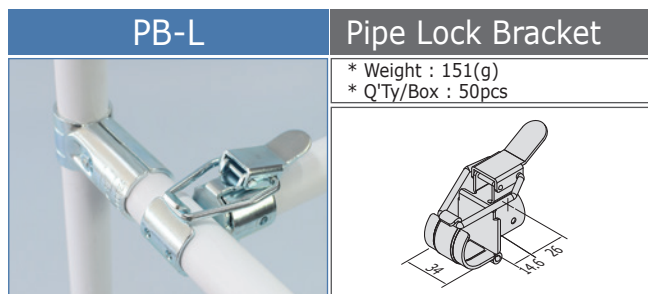
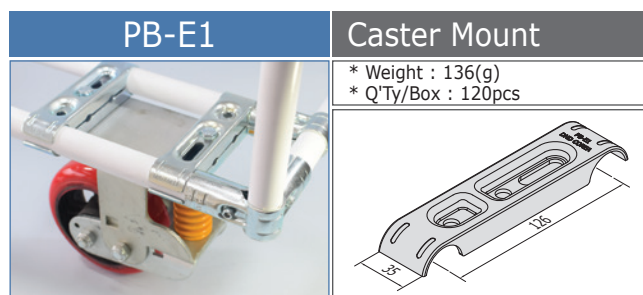
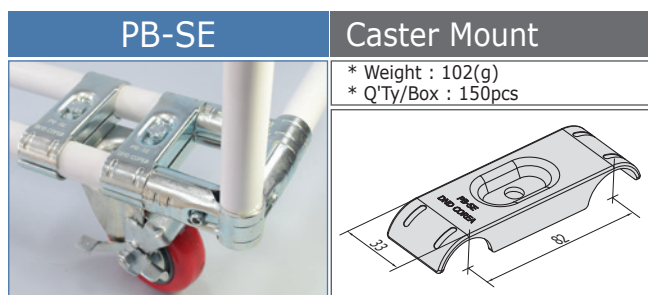
PIPE RACKING & SHELVING SYSTEM

Mount Brackets

*Usage : $\Phi 28$

*Unit : mm

*Color : Zinc/Black/Nickel/Chromium



PIPES

METAL JOINTS

PLASTIC JOINTS

PLASTIC WHEEL CONVEYOR

PWC MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS

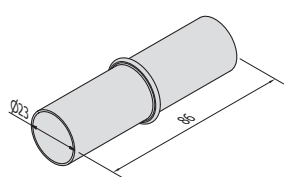
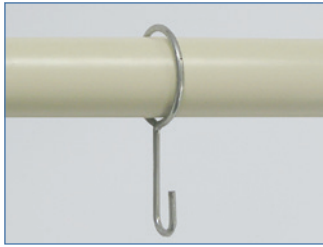
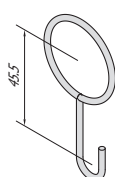
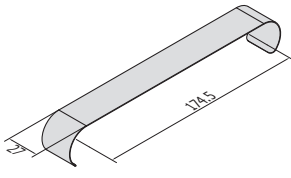
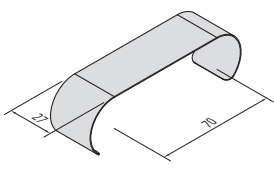
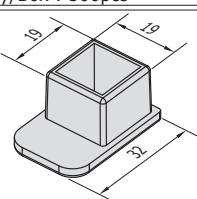
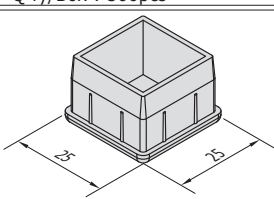
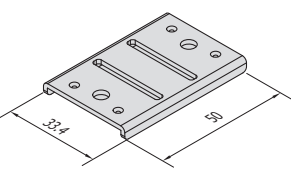
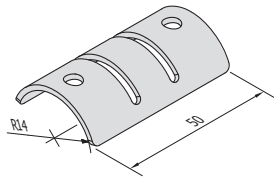
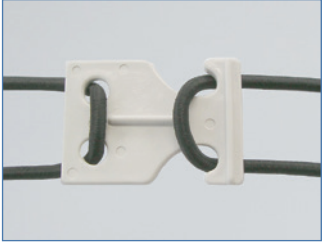
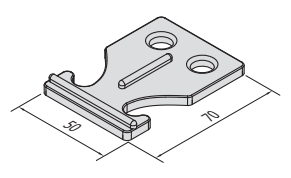
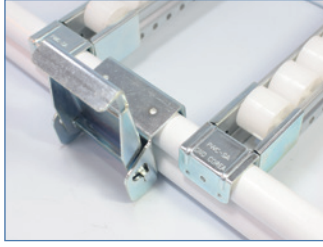
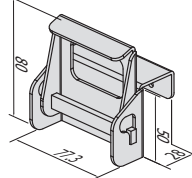
ACCESSORIES

TECHNICAL SPECIFICATIONS

APPLICATIONS

A CCESSORIES

Mount Brackets

PB-CA 	Pipe Connector * Weight : 72(g) * Q'Ty/Box : 100pcs 	HR 	Hanger Ring * Weight : 10(g) * Q'Ty/Box : 500pcs 
BS-A 	Work Stopper A * Weight : 28(g) * Q'Ty/Box : 240pcs 	BS-A1 	Work Stopper A1 * Weight : 15(g) * Q'Ty/Box : 240pcs 
DJP-114 	2020 Inner Cap * Weight : 3(g) * Q'Ty/Box : 500pcs 	DJP-115 	2525 Inner Cap * Weight : 3(g) * Q'Ty/Box : 500pcs 
FH-A 	Flat Handle-A * Weight : 20(g) * Q'Ty/Box : 500pcs 	RH-R 	Round Handle-R * Weight : 20(g) * Q'Ty/Box : 500pcs 
BH 	Band Holder * Weight : 13(g) * Q'Ty/Box : 500pcs 	PB-SL3 	Slide Stopper * Weight : 260(g) * Q'Ty/Box : 20pcs 

PIPE RACKING & SHELVING SYSTEM

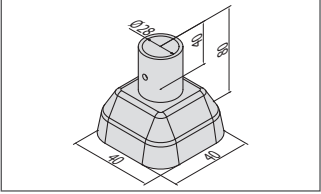
*Usage : $\Phi 28$
*Unit : mm
*Color : Zinc/Black/Nickel/Chromium

HC-28A

Hole Cup



* Weight : 344(g)
* Q'ty/Box : 20pcs

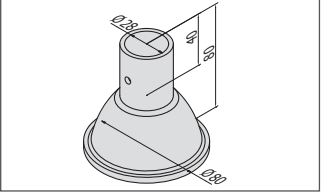


HC-28B

Hole Cup



* Weight : 382(g)
* Q'ty/Box : 20pcs



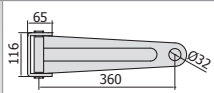
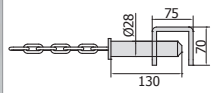
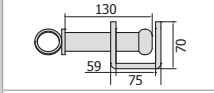
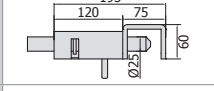
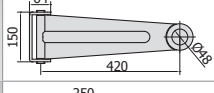
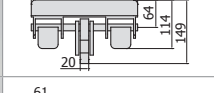
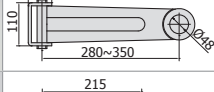
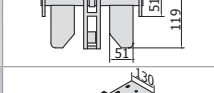
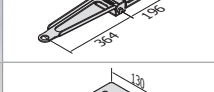
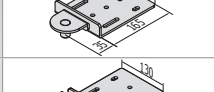
PIPES
METAL JOINTS
PLASTIC JOINTS
PLASTIC WHEEL CONVEYOR
SLIDE PIPE MOUNT BRACKETS
PWC MOUNT BRACKETS
ACCESSORIES
TECHNICAL SPECIFICATIONS
APPLICATIONS

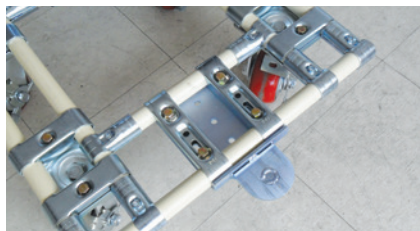
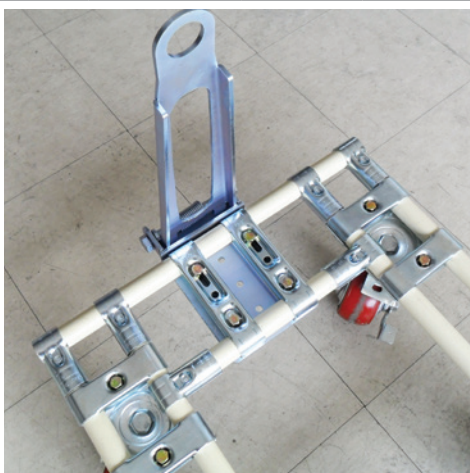
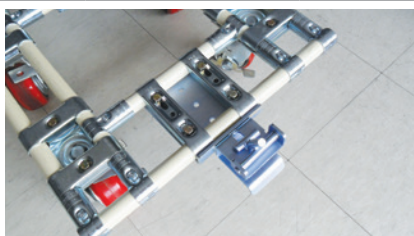
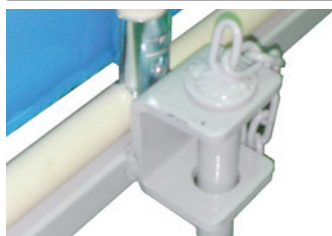
29

A CCESSORIES

Haul Ring Sets

*Color : Zinc/Black/Nickel/Chromium

Composition	Item	Part No	Material	Dimension(mm)		Weight(kg)	Color	Usage
Manual Lock	Front	FHR-H	SPHC			2.8	ZINC	□□
	Rear	RHR-H1	SPHC			1.1	ZINC	
		RHR-H2	SPHC			1.1	ZINC	
		RHR-H3	SPHC				ZINC	
Auto Lock	Front	FHR-K	SPHC				ZINC	□□
	Rear	RHR-K1	SPHC				ZINC	
Auto Lock	Front	FHR-L	SPHC				ZINC	□□
	Rear	RHR-L1	SPHC				ZINC	
Auto Lock	Front	FHR-A	SPHC			2.1	ZINC	Pipe Assembly
	Rear	RHR-B	SPHC			1.0	ZINC	
		RHR-C	SPHC			1.3	ZINC	



PIPE RACKING & SHELVING SYSTEM

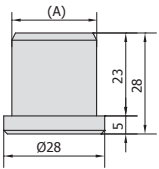
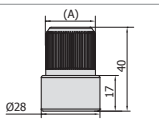
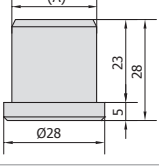
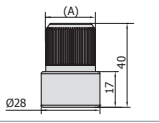
Bushing & Leveling Foot

Threated Metal Inserts

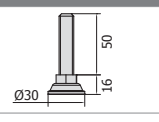
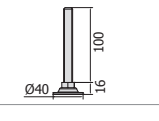
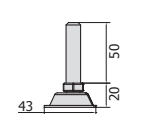
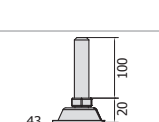
*Usage : Φ28

*Unit : mm

*Color : Zinc/Black/Nickel/Chromium

Type	Part No	Item	Dimension(mm)	Diameter(A)	Threaded Spec	Q'ty/Box	Material	Color
Coated Pipe	CB07H			Φ24.1	1/2" - 12N	300	Steel	ZINC
	CB07HZ			Φ23.5	1/2" - 12N	300	ZINC	
	CB10H			Φ23.5	1/2" - 12N	300	Steel	ZINC
	CB10HZ						ZINC	
	CB20H			Φ21.9	1/2" - 12N	300	Steel	ZINC
	CB20HZ						ZINC	
	CBP10H			Φ23.5	1/2" - 12N	300	Plastic	IVORY
STS Pipe	SB07H			Φ26.8	1/2" - 12N	300	Steel	ZINC
	SB07HZ			Φ26.1	1/2" - 13N	301	ZINC	
	SB09H			Φ26.1	1/2" - 13N	301	Steel	ZINC
	SB09HZ						ZINC	
	SB11H			Φ25.5	1/2" - 14N	302	Steel	ZINC
	SB11HZ						ZINC	
	SB07H			Φ26.1	1/2" - 12N	300	Plastic	IVORY

Leveling Foot

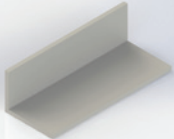
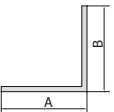
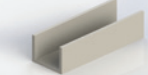
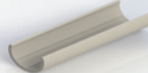
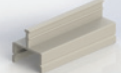
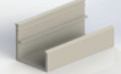
Type	Part No	Item	Dimension(mm)	Threaded Spec	Q'ty/Box	Material	Color
Coated, STS Pipe	A30			1/2" - 12N	250	Steel	ZINC
	A30100H			1/2" - 12N	50	Steel	ZINC
	A50HR			1/2" - 12N	100	Steel/Rubber	ZINC/GREY
	A50H			1/2" - 12N	100	Steel	ZINC
	A50HE			1/2" - 12N (ESD)	100	Steel/Rubber	ZINC/BLACK
	A50100H			1/2" - 12N	50	Steel	ZINC



A CCESSORIES

Plastic Channels

*Color : Ivory/Grey

Type	Part No	Configuration		Dimension (mm)		Thickness (mm)	Length (M)	Material	Color
				A	B				
A	PC1			30	50	3.7	3	PVC	IVORY
	PC2			28	30	3.5	3	PVC	IVORY
	PC3			30	120	4	3	PVC	IVORY
	PC4			50	50	4	3	PVC	IVORY
	PC5			50	70	4	3	PVC	IVORY
	PC6			50	100	4	3	PVC	IVORY
	PC7			50	150	4	3	PVC	IVORY
	PC8			100	60	5	3	PVC	IVORY
	B			PC9			100	50	3
PC9A		36	33	3			3	PVC	IVORY
C	PC10			28	-	2.5	3	PVC	IVORY
D	PC11			40	59	3	3	PVC	IVORY
E	PC12			47	70	3	3	PVC	IVORY
F	PC13			66	75	3	3	PVC	IVORY
G	PC14			66	75	3	3	PVC	IVORY

Wire Rack

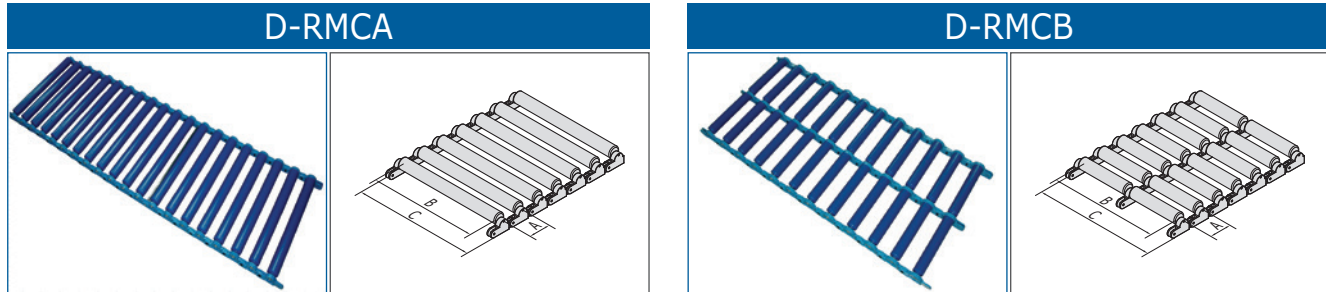
Part No	Configuration	Pipe	Dimension (mm)	Weight (Kg)	Color
			A		
WR-A			240	0.193	ZINC
WR-B			340	0.238	ZINC
WR-C			440	0.282	ZINC

Sealing Strip of Al Pipe

Part No	Configuration	Pipe Type	Length(M)	Material	Color
AL-SP01		AL2820	1M	Silicone	White
AL-SP02			1M	Silicone	Grey
AL-SP03			1M	Silicone	Red
AL-SP04			1M	PE	White

PIPE RACKING & SHELVING SYSTEM

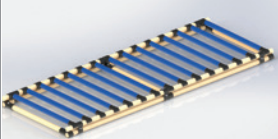
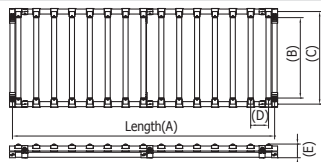
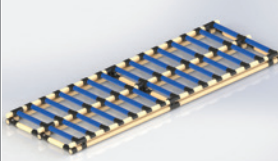
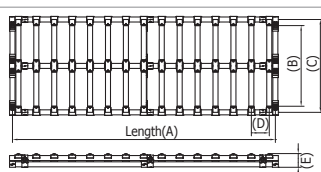
Roller Mat Conveyor



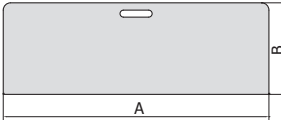
R.M.C Specification

Part No	Dimension(mm)			Height(H)	Load Capacity (Kg/M)	APROX. Weight (Kg/M)	Material
	A	B	C				
D-RMCA	80	455	497	75	200	5.4	ABS
D-RMCB	105	455	497	75	400	6.8	ABS

Pipe roller conveyor

Part No	Configuration	Dimension(mm)					Usage
		A	B	C	D	E	
PRC-S28	 	1500	450	518	100	100	
PRC-D28	 	1500	450	518	100	100	

Name Plate

Part No	Configuration		Dimension(mm)		Material	Usage
			A	B		
NP1			150	60	PVC	Coated&STS pipe
NP2			180	60	PVC	
NP3			300	120	PVC	
NP4			300	210	PVC	
NP5			420	300	PVC	
NPV1			80	60	VINYL	Plastic Board & Sheet
NPV2			100	80	VINYL	
NPV3			110	110	VINYL	
NPV4			120	120	VINYL	
NPV5			140	120	VINYL	
NPV6			150	150	VINYL	
NPV7			297	210	VINYL	

A CCESSORIES

Board & Sheets

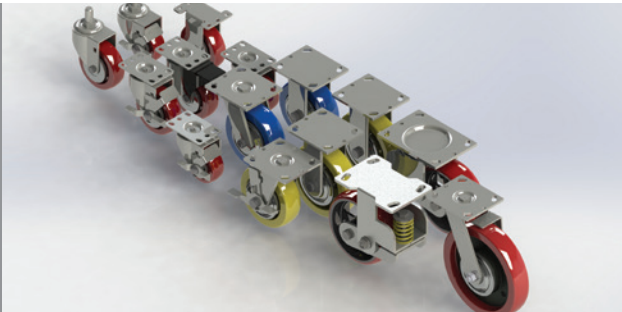
Type	Material	Classification	Dimension (mm)	Thickness(mm)	Color
Plastic Board	PP/PE		1,000mm*2,000mm 1,200mm*2,400mm	T3, T5, T8, T10, T15	GREY/WHITE
	BAKELITE		1,000mm*1,000mm 1,000mm*1,200mm 1,000mm*2,000mm	T4, T5, T6, T8, T10, T12, T15	BASIC/IVORY
	PE SHEET		1,500mm*5,000mm	T4, T8, T10	GENERAL
	PVC		1,000mm*2,000mm 1,200mm*2,400mm	T3, T4, T6, T8, T10, T12	GREY/BLACK/ IVORY
Wood	PB BOARD		1,200mm*2,400mm	T15	BRAWON
	MDF		1,000mm*2,000mm 1,200mm*2,400mm	T6, T9, T12, T15	BASIC
	PLY WOOD		1,000mm*2,000mm 1,200mm*2,400mm	T8, T12	BASIC
Rubber MAT	ESD MAT		900mm/1,200mm	T3	GREEN
	GENERAL MAT		900mm/1,200mm	T3	GREEN
Tube	SILICONE/PVC		2,000mm	Φ30*Φ38	RED/GENERAL
Sponge	EVA		1,000mm*2,000mm 1,200mm*2,400mm	T5 ~ T100	GENERAL

Fasteners

Type	Part No	Item	Specifcation	Q'ty/Box	Usage	Color
Bolt	BM625Z		M6 x 25mm	5000	Metal Joint	ZINC
	BM625B					BLACK
	BM627Z		M6 x 27mm	5000		ZINC
	BM627B					BLACK
	BM810Z		M8 x 10mm	400	Base Lock	ZINC
	BM835Z		M8 x 35mm		Caster	
	BM840Z		M8 x 40mm			
	BM12Z		1/2-12U x 50mm	400	Bushing	ZINC
Knob Bolt	4NB6M		M6 * 35mm	300	Bracket	BLACK
	4NB8M		M8 * 35mm	300	Bracket	BLACK
	SNB6M		M6 x 30mm	300	Bracket	BLACK
	SNB8M		M8 x 30mm	300	Bracket	BLACK
	Nut	TNM6Z		M6	1000	Metal Joint
TNM6B		BLACK				
NM6Z			M6	1000	Metal Joint	ZINC
NM6B						BLACK
TNM8Z			M8	1000	Caster	ZINC
NNM6			M6 (Nylon Nut)	1000	Metal Joint	ZINC
NNM8			M8 (Nylon Nut)	1000	Caster	ZINC
NM12Z			1/2-12U x 30mm	1000	Bushing	ZINC
Washer	WH		M6	2000	Bracket	ZINC

PIPE RACKING & SHELVING SYSTEM

CASTERS



3	T	S	B	N	1
Wheel Size	Type	Type	Brake	Usage	Wheel Material
*2 - 2"	*T - Thread	*S - Swivel	*N - Normal	*N - Normal	*1 - Soft
*25 - 2.5"	*P - Top Plate	*R - Rigid	*B - Brake	*H - Heavy	Rubber
*3 - 3"	*F - Fastening		*DB - Double	*HS - Heavy	*2 -
*4 - 4"	Rubber		Brake	(Spring)	Polyurethane
*5 - 5"					*3 - ESD
*6 - 6"					

C ASTERS

PIPE RACKING & SHELVING SYSTEM

TECHNICAL SPECIFICATIONS



Examples of application

1. (Rubber Guide)
2. (Plastic Joint)

Technical specifications

1. (Tightening Torque of Bolt & Nut in Pipe & Metal Joint)
2. (The Surface Resistance of ESD Pipe)
3. (How to Caculate the Horizontal Pipe Length)
4. (Bending Strength for Pipe)
5. (Bending Strength for PWC)
6. (Others)

Application

- 1.(Slide Rack)
- 2.(Mobile Rack)
- 3.(Work Table)
- 4.(LCD for Mobile Rack)
- 5.(Others)

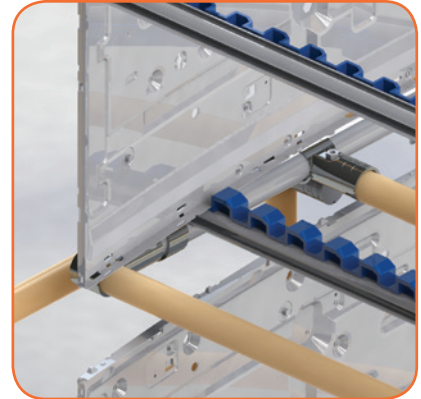
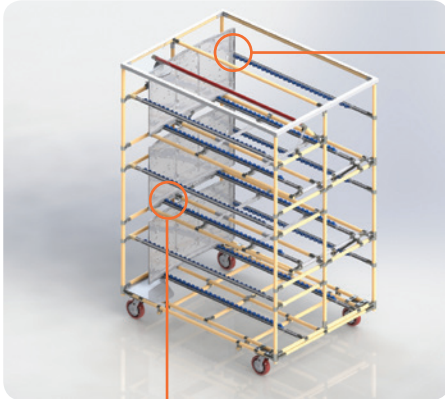
T ECHNICAL SPECIFICATIONS

Rubber Guide

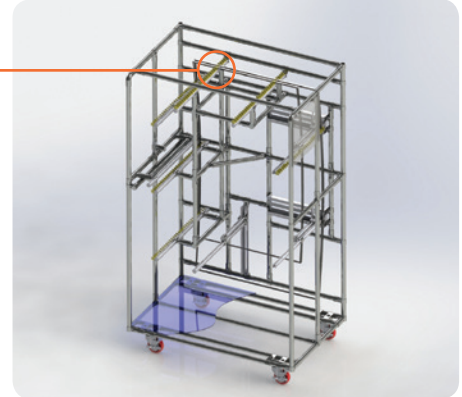
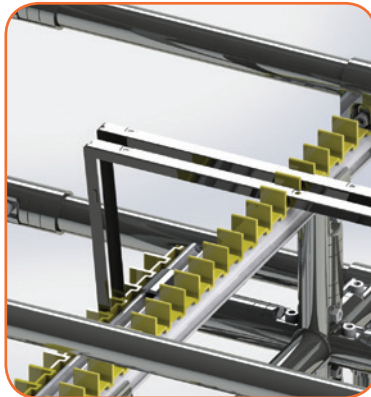
Part No	Configuration	Dimension(mm)	Material	Weight(g)	Color
RSG-A			Polyurethane	30	IVORY YELLOW BLUE GREY BLACK
RSG-B				67	
RSG-C				30	
RSG-D				32	
RSG-E				80	
RSG-FT				44	
RSG-FS				37	
RSG-FT-1				40	
RSG-FS-1				34	
RSG-G				85	
RSG-FSA-1				43	
RSG-S01				42	
RSG-S02				44	
RSG-FSB				67	
RSG-FSB-1				70	
RSG-FSC				49	
RSG-FSC-1				50	
RSG-FSC-2				46	
RSG-FSC-3					

PIPE RACKING & SHELVING SYSTEM

Examples of applicaiton



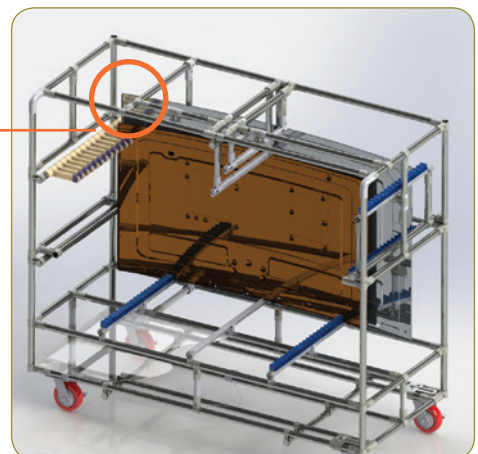
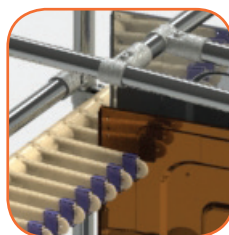
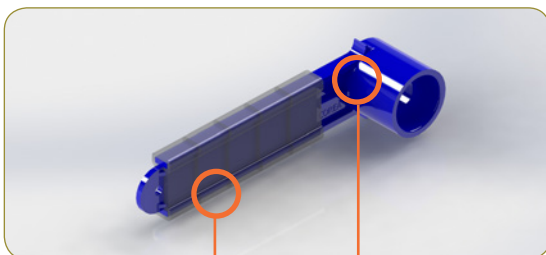
Item name : Cover bottom
Parts : Coated Pipe, AL2820,
Rubber guide(FSC-2)
Load Q'ty : 75EA



Item name : Case top chassis
Parts : STS Pipe, AL2820,
Rubber guide(FSB-2)
Load Q'ty : 23EA

Plastic Joint

□ DJP-400 / DJP-400S



Item name : Cover bottom
Parts : STS-Pipe, Rubber guide(G-type), DJP-400/400S
Load Q'ty : 20EA

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS



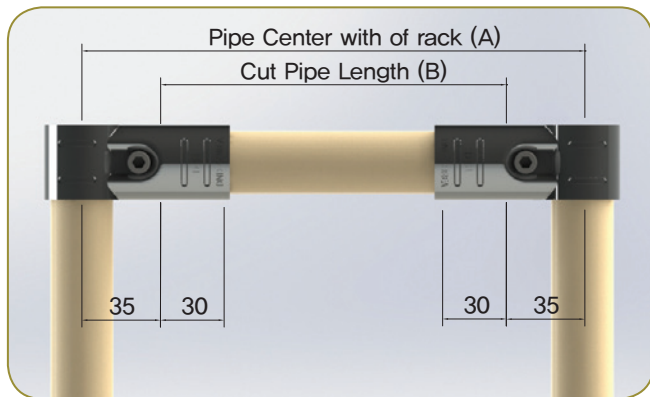
M6 :
'Min100Kgf.cm ~ Max150kgf.cm



- : $10^4 \sim 10^5$
- : $10^9 \sim 10^{10}$



Pipe Cutting



$$\square B = A - (70) = B(\text{mm})$$

A =
(Pipe center to center)

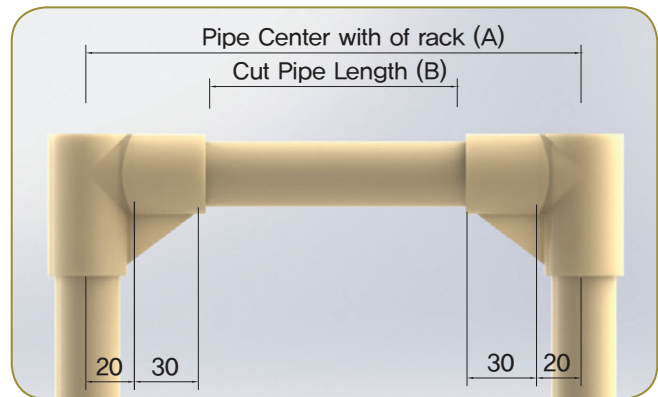
B =
(Pipe cutting length)

$$70 = (35\text{mm} \times 2)$$

(From horizontal pipe end to vertical Pipe center 35mm x 2)

example) 1000mm

$$\square 1000\text{mm} - 70\text{mm} = 930\text{mm}$$



$$\square B = A - (40) = B(\text{mm})$$

A =
(Pipe center to center)

B =
(Pipe cutting length)

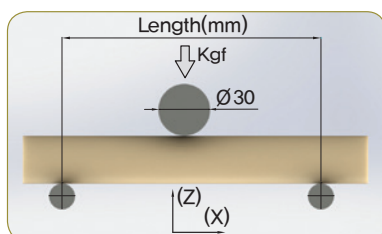
$$40 = (20\text{mm} \times 2)$$

(From horizontal Pipe end to vertical Pipe center 20mm x 2)

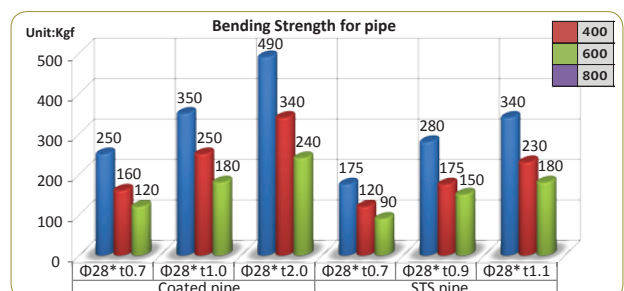
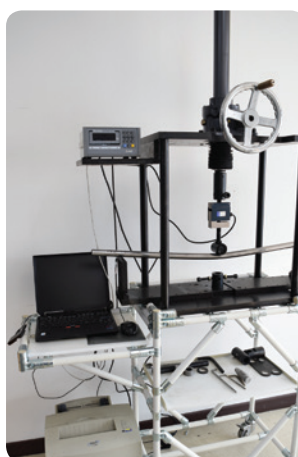
example) 1000mm

$$\square 1000\text{mm} - 40\text{mm} = 960\text{mm}$$

BENDING STRENGTH FOR PIPE



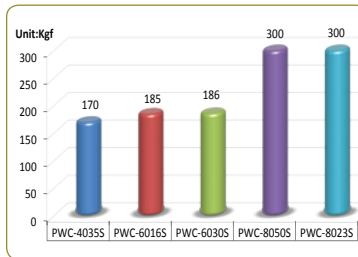
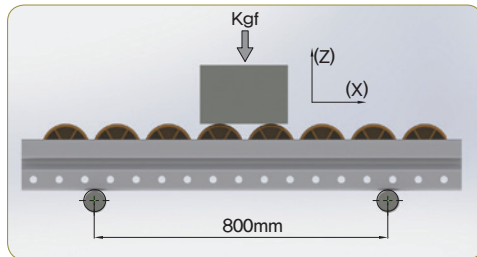
☐ Test Condition
Speed : 5mm/min



pipe Length(mm)	Spec of pipe					
	Coated pipe			STS pipe		
	Φ28*t0.7	Φ28*t1.0	Φ28*t2.0	Φ28*t0.7	Φ28*t0.9	Φ28*t1.1
400	250	350	490	175	280	340
600	160	250	340	120	175	230
800	120	180	240	90	150	180

PIPE RACKING & SHELVING SYSTEM

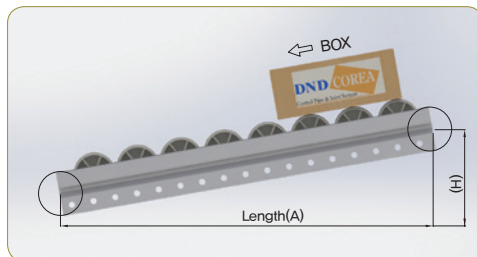
BENDING STRENGTH FOR PWC



□ Test Condition (Speed : 5mm/min)

Classification	Spec of PWC				
SERIES	PWC-4035S	PWC-6016S	PWC-6030S	PWC-8050S	PWC-8023S
UNIT(Kgf)	170	185	186	300	300

ANGLE OF SLOP FOR SLIDING

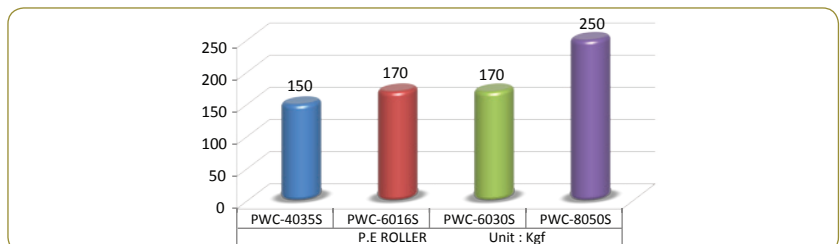
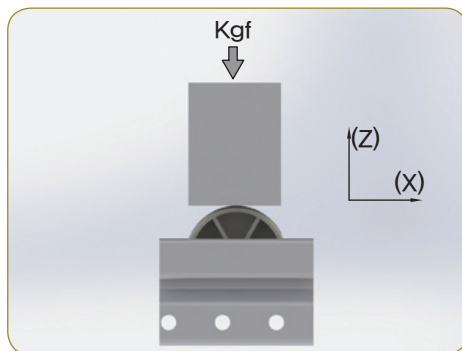


□ Test Condition
(PWC Type : Standard / BOX SIZE : 300*200*150 / Weight : 1kg)

Classification	Length(A) 800mm				
SERIES	PWC-4035S	PWC-6016S	PWC-6030S	PWC-8050S	PWC-8023S
Angle(θ)	2.7	3	3	2.9	2.9

COMPRESSION STRENGTH OF WHEEL

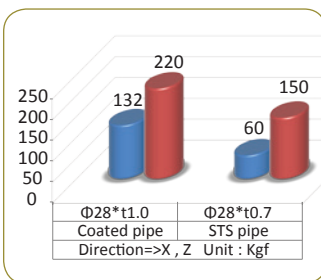
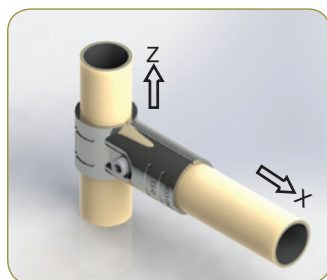
□ Test Condition (Speed : 5mm/min)



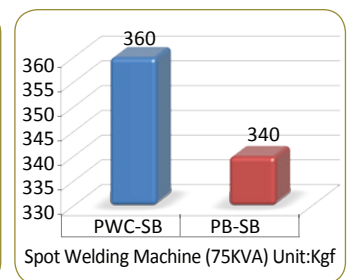
Classification	P.E ROLLER Unit : Kg				
SERIES	PWC-4035S	PWC-6016S	PWC-6030S	PWC-8050S	PWC-8023S
UNIT	150	170	170	250	250

THE HOLDING STRINGTH OF JOINT | STRENGTH OF WELD TEST

□ Test Condition (Wrench Bolt Troque : 100Kgf-cm / Speed : 5mm/min) □ Test Condition (Voltage : 380V/22000A / Welding time : 4sec)



Classification	Direction=>X, Y	Unit : Kg
	Coated pipe Φ28*t1.0	STS pipe Φ28*t0.7
X	132	40
Z	220	150



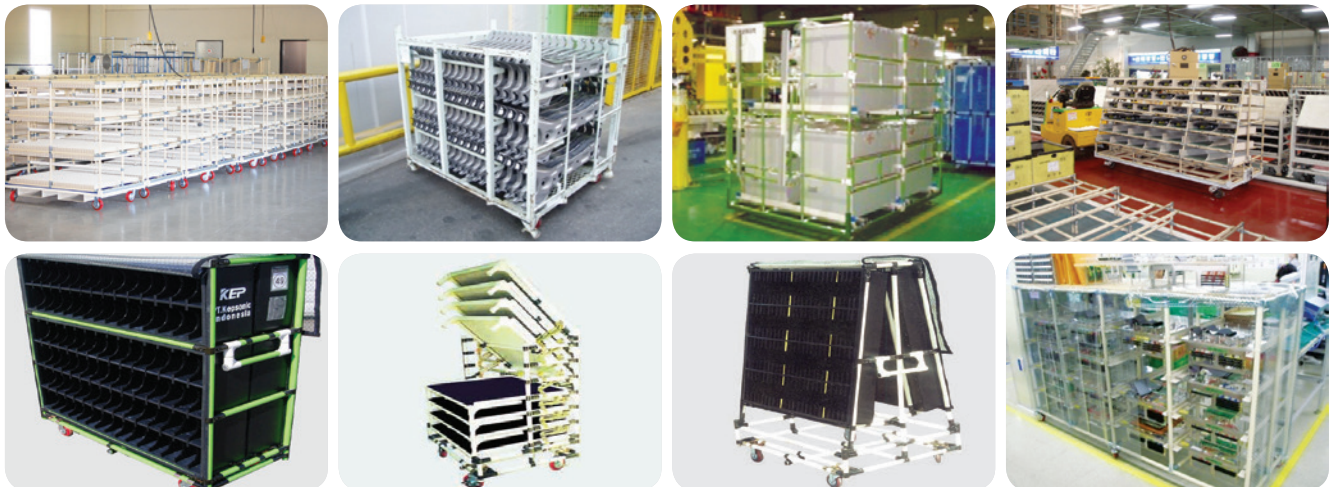
Classification	Spot Welding Machine (100KVA) Unit : Kg	
	PWC-40B	PB-SB
	360	340

AAPPLICATIONS

| (Slide Rack)



| (Mobile Rack)

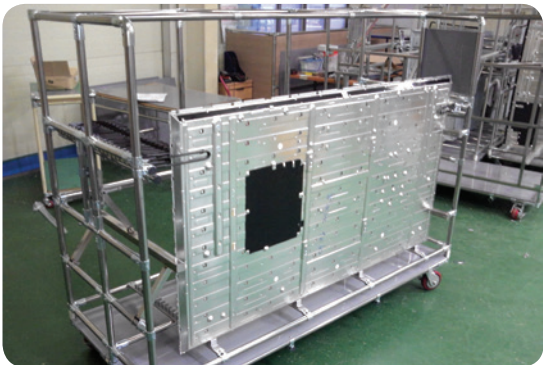


| (Work Table)

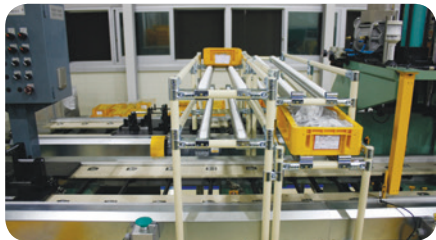
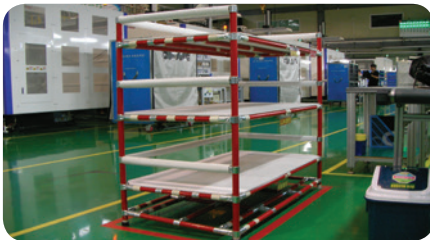
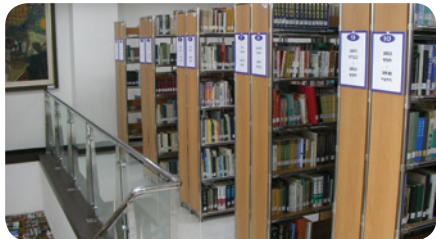


PIPE RACKING & SHELVING SYSTEM

(LCD for Mobile Rack)



(Others)



PIPES

METAL JOINTS

PLASTIC JOINTS

PLASTIC WHEEL CONVEYOR

PWC MOUNT BRACKETS

SLIDE PIPE MOUNT BRACKETS

ACCESSORIES

TECHNICAL SPECIFICATIONS

APPLICATIONS

