

# CONTENTS

FOR TOTAL LOGISTICS SYSTEM  
ELECTRONIC MARKET

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## GOBLINE PIPE

### What is pipe and joint system ?

- *Sample Assembly and easy producing with special skills*
- *Clean and Durable : Coated with ABS resin*
- *Simple to handle the products : Made of light material*
- *Unnecessary to equip special facilities for producing*
- *High Safety, Simple Fitting to Working places : Unnecessity to weld*
- *Continuous Reforming Activities are possible*








### SPECIFICATIONS OF GOBLIN PIPES

Materials	Steel Pipe (Cold Strip Steel Plate, SPCC-1, Thickness : ( 0.7 & 1.0mm) coated with ABS Resin (thickness : about 1mm)
Diameter of Pipes	Ø28 mm
Weight	About 725g/m
Colors	W , IV , LG , LB , B , G , BK
Length of Pipes	4m

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



## COLOR TABLE

STANDARD COLOR		NORMAL PIPE			SLIDE PIPE		ESD PIPE
		Ø 28 x 0.7t	Ø 28 x 1.0t	Ø 28 x 2.0t	Ø 28 x 0.7t	Ø 28 x 1.0t	Ø 28 x 1.0t
WHITE		YES	YES	YES			
IVORY		YES	YES	YES	YES	YES	
LIGHT GREY		YES	YES	YES			YES
LIGHT BLUE		YES	YES	YES			
BLUE		YES	YES	YES	YES	YES	
GREEN		YES	YES	YES	YES	YES	
BLACK		YES	YES	YES			YES



Goblin Pipe



Slide Pipe



Esd Pipe



Stainless steel pipe

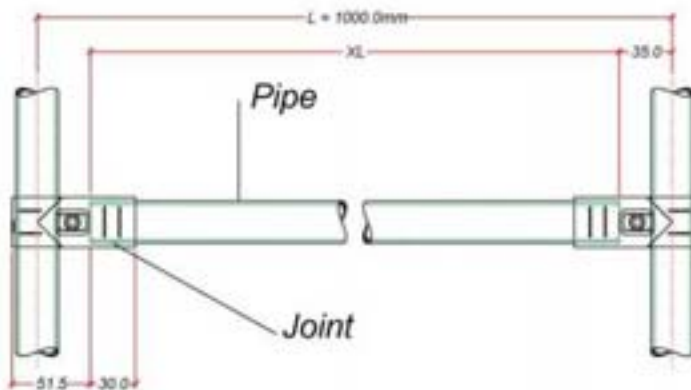
## Numbering System

Classification	Item	Steel Thickness	Weight / M (g)	Standard Length
Coated Pipe	Coated Pipe	Ø28 x 0.7t	475	4000mm
		Ø28 x 1.0t	795	4000mm
		Ø28 x 2.0t		4000mm
	Slide Pipe	Ø28 x 0.7t	582	4000mm
		Ø28 x 1.0t	787	4000mm
	ESD Pipe	Ø28 x 0.7t	582	4000mm
Ø28 x 1.0t		787	4000mm	
Sus Pipe	Polished Finish	Ø28 x 0.7t	440	4000mm



The Ø28 metal joint will be fastened by bolt and nut so that it is available to assemble and disassemble.

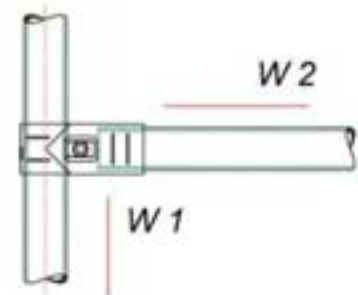
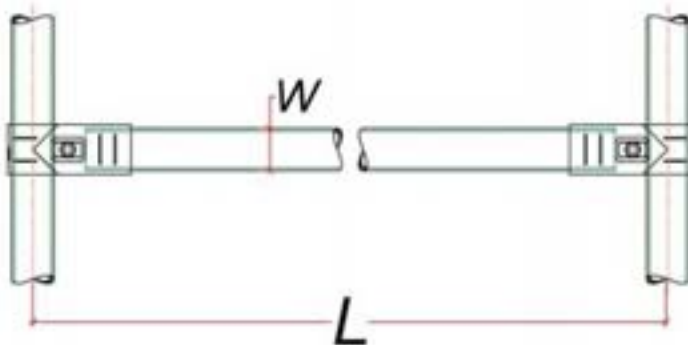
Materials	SPCC (Cold Roll)
Weight	275g
Color	ED Black , Blue Zinc , ,Nickel



PIPE DETERMINATION (CASE 1)  
 500 CENTER TO CENTER PIPE  
 - 70 EMPTY AREA (35MM X 2)  
 430 ACTUAL PIPE TO BE CUT

PIPE DETERMINATION (CASE 2)  
 200 BOTTOM TO CENTER PIPE  
 - 20 HEIGHT OF ADJUSTABLE FOOT CAP  
 +17.5 BALANCE OF THE JOINT  
 247.5 ACTUAL PIPE TO BE CUT

The Ø28 metal joint had been constructed as above's drawing with design of inserting 30mm only into metal joint



PIPE SPEC. \ SPAN	500MM	1000MM	2000MM
Ø 28 t1	200 KG	100 KG	45 KG
Ø 28 t2	350 KG	175 KG	79 KG

Ø28	W1	W2
HJ-1	120 KGS	80 KGS
HJ-2	75 KGS	80 KGS
HJ-3	75 KGS	80 KGS
HJ-4	80 KGS	80 KGS
HJ-5	80 KGS	80 KGS
HJ-6	50 KGS	50 KGS
HJ-7	120 KGS	80 KGS

(Critical load is maximum load that can be applied to the pipe without causing permanent deformation)

- 1) (Design for load : 50% of critical load)
- 2) (Design for shock load : 20% of critical load)

## METAL JOINT FOR Ø28 PIPE





## METAL JOINT FOR Ø28 PIPE

<b>H-9</b>	
	Weight : 0.132 Qty / Box : 180pcs

<b>H-10</b>	
	Weight : 0.051 Qty / Box : 300pcs

<b>H-11</b>	
	Weight : 0.063 Qty / Box : 300pcs

<b>H-12</b>	
	Weight : 0.048 Qty / Box : 300pcs

<b>H-13A</b>	
	Weight : 0.051 Qty / Box : 500pcs

<b>H-13B</b>	
	Weight : 0.051 Qty / Box : 350pcs

<b>H-14A</b>	
	Weight : 0.051 Qty / Box : 500pcs

<b>H-14B</b>	
	Weight : 0.038 Qty / Box : 350pcs

<b>H-45°L</b>	
	Weight : 0.07 Qty / Box : 240pcs

<b>H-45°R</b>	
	Weight : 0.07 Qty / Box : 240pcs



## METAL JOINT FOR Ø28 PIPE



## PIPE RACKING SYSTEM




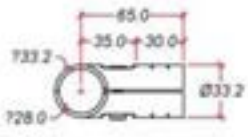



## METAL JOINT FOR Ø28 PIPE

Treatment : ED COATING


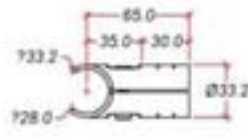
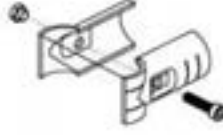
**HJ-1**

COMBINATION OF : H-1 ( 2 pcs )  
BOLT & NUT USED : 1 set


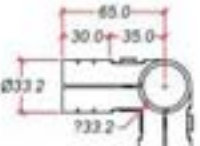

**HJ-1B**

COMBINATION OF : H-1B ( 2 pcs )  
BOLT & NUT USED : 1 set


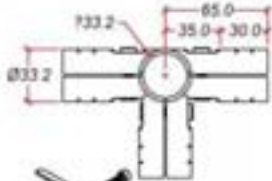

**HJ-2**

COMBINATION OF : H-2 ( 1 pc ) & H-3 ( 1 pc )  
BOLT & NUT USED : 2 sets


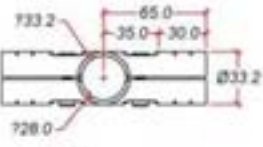

**HJ-3**

COMBINATION OF : H-2 ( 1 pc ) & H-4 ( 1 pc )  
BOLT & NUT USED : 3 sets


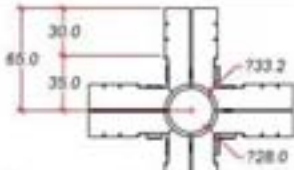

**HJ-4**

COMBINATION OF : H-4 ( 2 pcs )  
BOLT & NUT USED : 2 sets


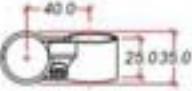

**HJ-5**

COMBINATION OF : H-2 ( 4 pcs )  
BOLT & NUT USED : 4 sets

**HJ-6**

COMBINATION OF : H-7 ( 2 pcs )  
BOLT & NUT USED : 1 set

**HJ-6B**

COMBINATION OF : H-7b ( 2 pcs )  
BOLT & NUT USED : 1 set







## METAL JOINT FOR Ø28 PIPE

Treatment : ED COATING

**HJ-7**

COMBINATION OF : H-5 ( 2 pcs ) & H-6 ( 2 pcs )  
BOLT & NUT USED : 2 sets

Technical drawing showing dimensions: 35.5, 63.0, 33.0, 30.0, and diameter Ø33.2. Part number 733.2 is indicated.

**HJ-8**

COMBINATION OF : H-8 ( 2 pcs ) & H-6 ( 4 pcs )  
BOLT & NUT USED : 4 sets

Technical drawing showing dimensions: 63.0, 35.5, 35.5, 63.0, 30.0, 33.0, 33.0, 30.0, and diameter Ø33.2. Part number 733.2 is indicated.

**HJ-9**

COMBINATION OF : H-9 ( 2 pcs )  
BOLT & NUT USED : 1 set

Technical drawing showing dimensions: 65.0, 35.0, 30.0, and diameter Ø33.2. Part number 728.0 is indicated.

**HJ-10**

COMBINATION OF : H-10 ( 2 pcs )  
BOLT & NUT USED : 1 set

Technical drawing showing dimensions: 40.0 and diameter Ø33.2. Part number 733.2 is indicated.

**HJ-11**

COMBINATION OF : H-11 ( 2 pcs )  
BOLT & NUT USED : 1 set Plastic Bush: 1 set

Technical drawing showing dimensions: 66.0, 36.0, 30.0, 737.0, and diameter Ø33.2. Part number 728.5 is indicated.

**HJ-12**

COMBINATION OF : H-12 ( 2 pcs )  
BOLT & NUT USED : 1 set Plastic Bush: 2 sets

Technical drawing showing dimensions: 45.0 and diameter Ø37.0. Part number 737.0 is indicated.

**HJ-13**

COMBINATION OF : H-13A ( 2 pcs ) & H-13B ( 2 pcs )  
BOLT & NUT USED : 1 set

Technical drawing showing dimensions: 733.2, 118.0, and 59.0. Part number 733.2 is indicated.

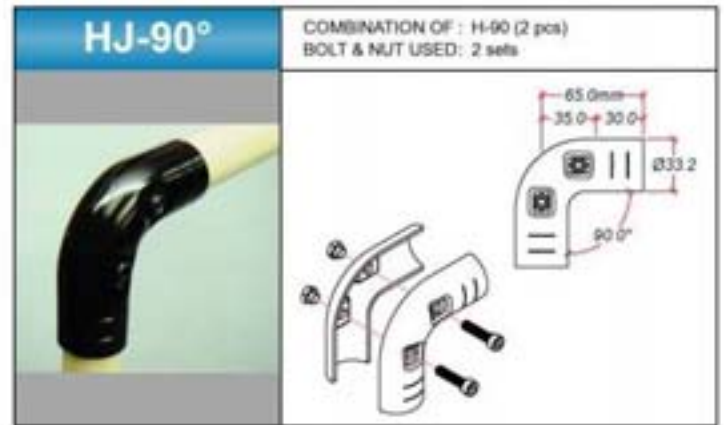
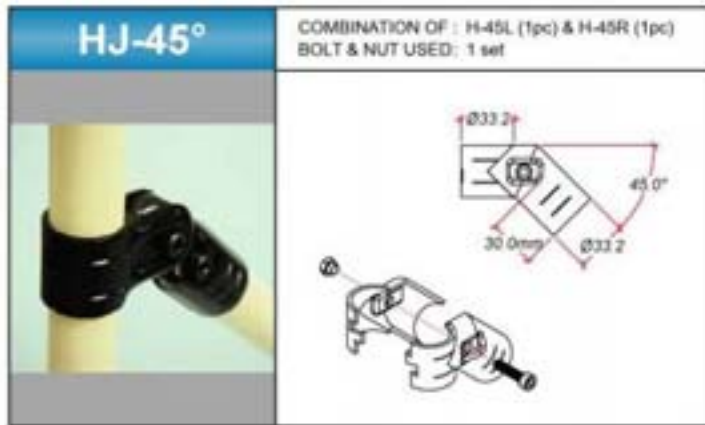
**HJ-14**

COMBINATION OF : H-14A ( 1 pc ) & H-14B ( 1 pc )  
BOLT & NUT USED : 1 set

Technical drawing showing dimensions: 733.2, 18.0, and 22.0. Part number 733.2 is indicated.

## METAL JOINT FOR Ø28 PIPE

Treatment : ED COATING



## PIPE RACKING





## METAL JOINT FOR Ø28 PIPE

**N-1**




Weight : 0.073  
Qty / Box : 300 pcs

**N-1B**




Weight : 0.073  
Qty / Box : 300 pcs

**N-2**




Weight : 0.09  
Qty / Box : 180pcs

**N-3**




Weight : 0.125  
Qty / Box : 120pcs

**N-4**




Weight : 0.105  
Qty / Box : 200pcs

**N-5**




Weight : 0.051  
Qty / Box : 400pcs

**N-6**




Weight : 0.061  
Qty / Box : 300pcs

**N-7**




Weight : 0.052  
Qty / Box : 200pcs

**N-7b**




Weight : 0.052  
Qty / Box : 200pcs

**N-8**




Weight : 0.059  
Qty / Box : 250pcs

## METAL JOINT FOR Ø28 PIPE

<b>N-9</b>	
	<p>Weight : 0.132 Qty / Box : 180pcs</p>

<b>N-10</b>	
	<p>Weight : 0.051 Qty / Box : 300pcs</p>

<b>N-11</b>	
	<p>Weight : 0.063 Qty / Box : 300pcs</p>

<b>N-12</b>	
	<p>Weight : 0.048 Qty / Box : 300pcs</p>

<b>N-13A</b>	
	<p>Weight : 0.051 Qty / Box : 500pcs</p>

<b>N-13B</b>	
	<p>Weight : 0.051 Qty / Box : 350pcs</p>

<b>N-14A</b>	
	<p>Weight : 0.051 Qty / Box : 500pcs</p>

<b>N-14B</b>	
	<p>Weight : 0.038 Qty / Box : 350pcs</p>

<b>N-45°L</b>	
	<p>Weight : 0.07 Qty / Box : 240pcs</p>

<b>N-45°R</b>	
	<p>Weight : 0.07 Qty / Box : 240pcs</p>



## METAL JOINT FOR Ø28 PIPE



## PIPE RACKING SYSTEM






## METAL JOINT FOR Ø28 PIPE

Treatment : NICKLE COATING

**NJ-1**


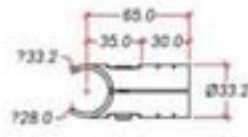
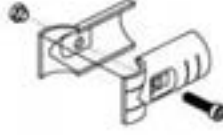
COMBINATION OF : N-1 ( 2 pcs )  
BOLT & NUT USED : 1 set






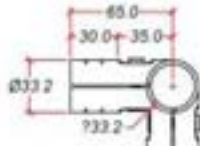

**NJ-1B**

COMBINATION OF : N-1B ( 2 pcs )  
BOLT & NUT USED : 1 set


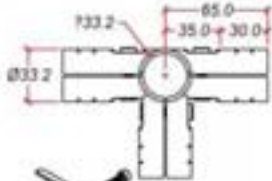
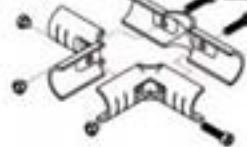
**NJ-2**

COMBINATION OF : N-2 ( 1 pc ) & N-3 ( 1 pc )  
BOLT & NUT USED : 2 sets


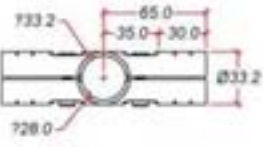
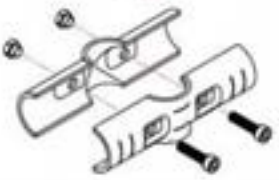
**NJ-3**

COMBINATION OF : N-2 ( 1 pc ) & N-4 ( 1 pc )  
BOLT & NUT USED : 3 sets


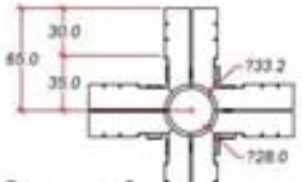

**NJ-4**

COMBINATION OF : N-4 ( 2 pcs )  
BOLT & NUT USED : 2 sets




**NJ-5**

COMBINATION OF : N-2 ( 4 pcs )  
BOLT & NUT USED : 4 sets

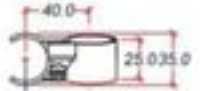

**NJ-6**

COMBINATION OF : N-7 ( 2 pcs )  
BOLT & NUT USED : 1 set

**NJ-6B**

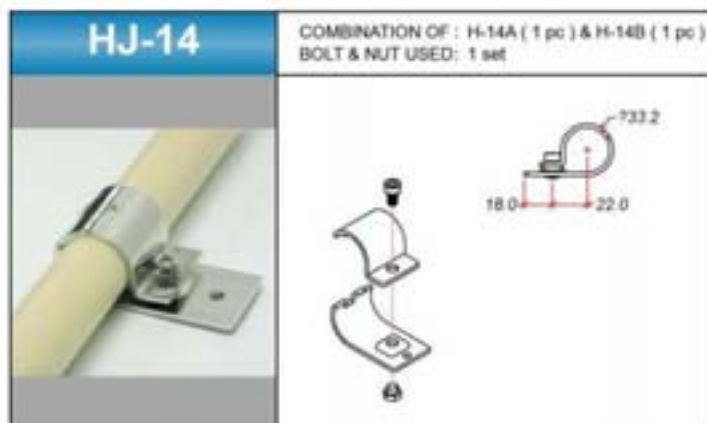
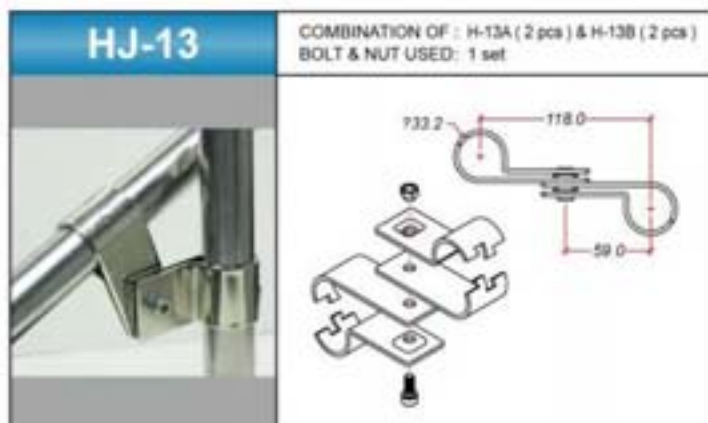
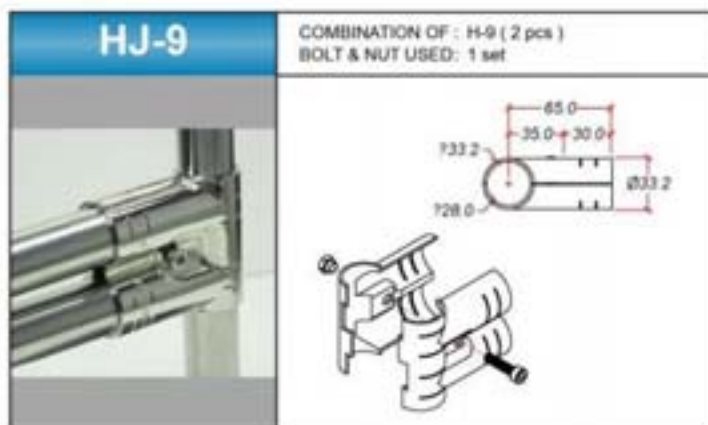
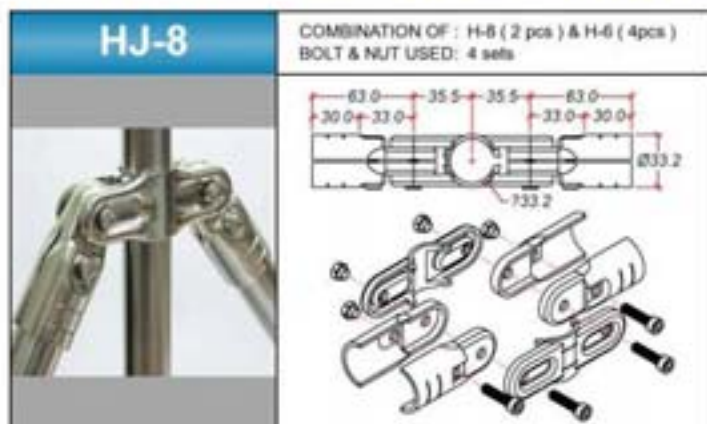
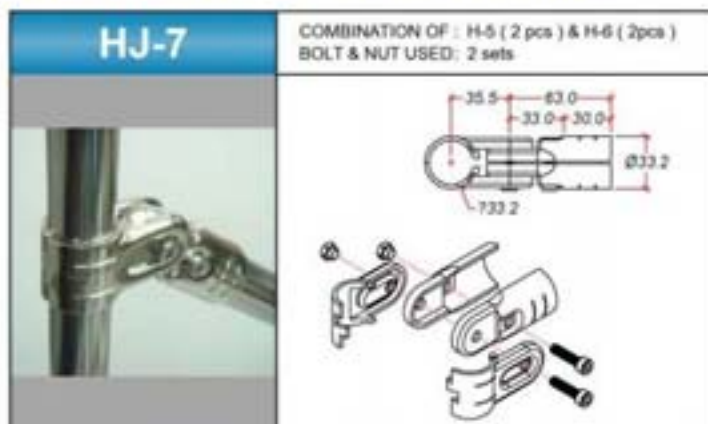
COMBINATION OF : N-7b ( 2 pcs )  
BOLT & NUT USED : 1 set



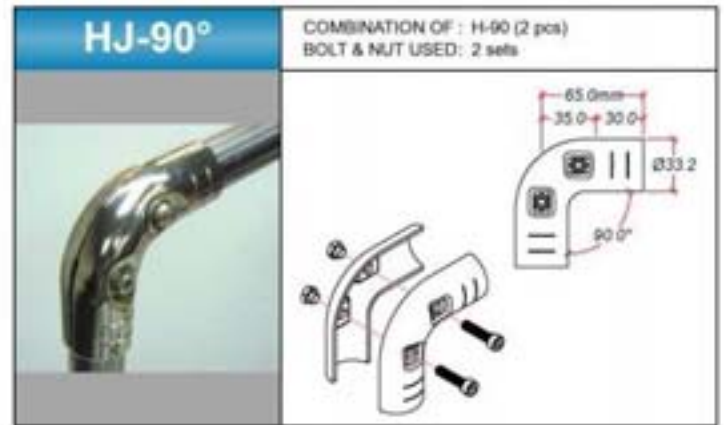
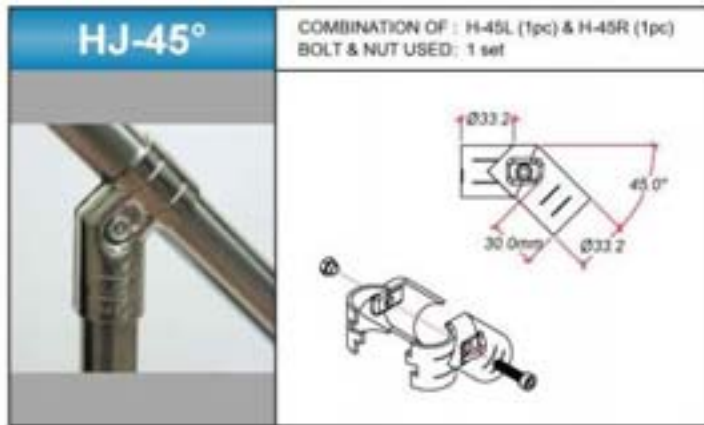
## METAL JOINT FOR Ø28 PIPE

Treatment : NICKLE COATING



## METAL JOINT FOR Ø28 PIPE

*Treatment : NICKLE COATING*


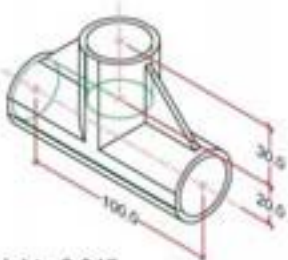



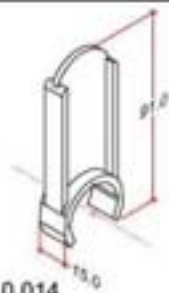
## PIPE RACKING




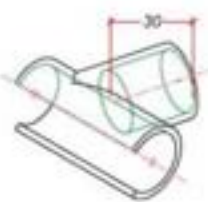



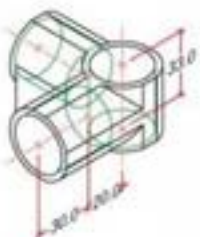
## PLASTIC JOINT FOR Ø28 PIPE



<b>PJ-200</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.045 Qty / Box :</p>


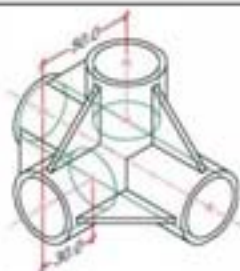
<b>PJ-201</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.014 Qty / Box :</p>

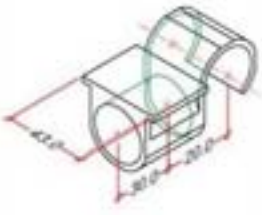
<b>PJ-202</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.013 Qty / Box :</p>

<b>PJ-203</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.030 Qty / Box :</p>


<b>PJ-204</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.035 Qty / Box :</p>


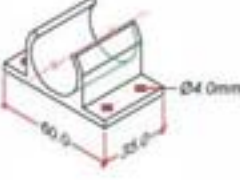
<b>PJ-205</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.013 Qty / Box :</p>

<b>PJ-206</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.061 Qty / Box :</p>

<b>PJ-207</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.022 Qty / Box :</p>




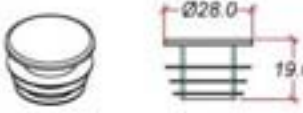





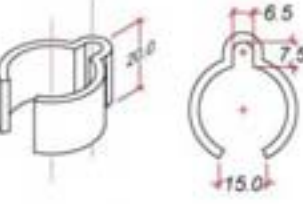





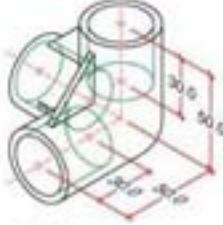
## PLASTIC JOINT FOR Ø28 PIPE

PJ-208	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.045 Qty / Box :</p>


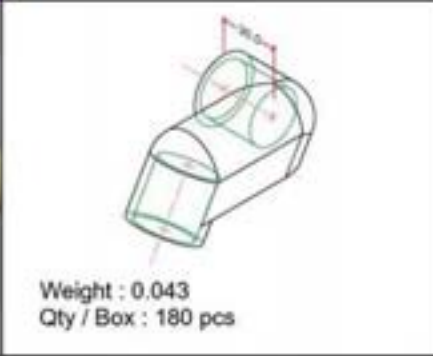
PJ-210	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.045 Qty / Box :</p>


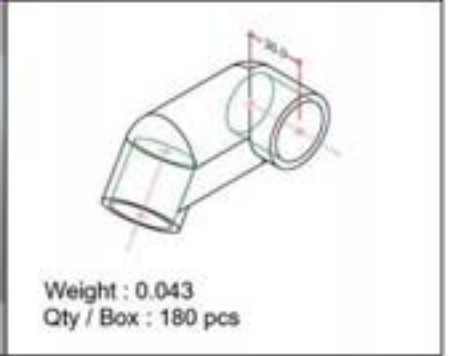


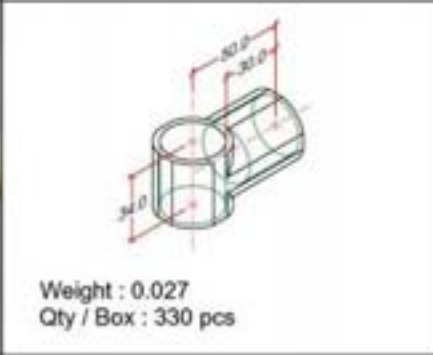
## PLASTIC JOINT FOR Ø28 PIPE


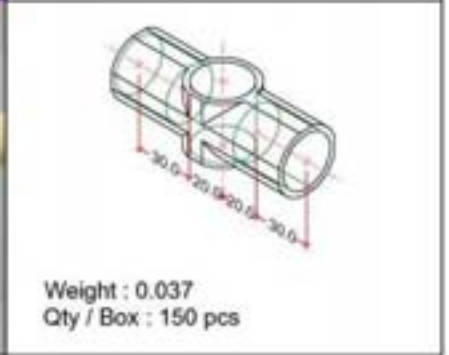
<p><b>PJ-110</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.002 Qty / Box : 4000 pcs</p>
<p><b>PJ-110N</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.003 Qty / Box : 4000 pcs</p>
<p><b>PJ-111</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.006 Qty / Box : 500 pcs</p>
<p><b>PJ-112</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.004 Qty / Box : 2000 pcs</p>
<p><b>PJ-113</b></p>  <p><b>H-1 Black</b></p>	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.004 Qty / Box : 2400 pcs</p>
<p><b>PJ-114</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.002 Qty / Box : 1000 pcs</p>
<p><b>PJ-115</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.33 Qty / Box : 300 pcs</p>
<p><b>PJ-116</b></p> 	<p>PLASTIC JOINT AND ACCESSORIES</p>  <p>Weight : 0.63 Qty / Box : 150 pcs</p>

## PLASTIC JOINT FOR Ø28 PIPE

<b>PJ-117-L</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.043 Qty / Box : 180 pcs</p>

<b>PJ-117-R</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.043 Qty / Box : 180 pcs</p>

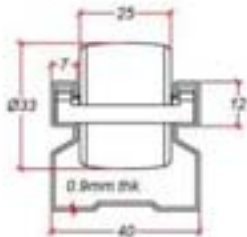
<b>PJ-118</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.027 Qty / Box : 330 pcs</p>

<b>PJ-119</b>	PLASTIC JOINT AND ACCESSORIES
	 <p>Weight : 0.037 Qty / Box : 150 pcs</p>

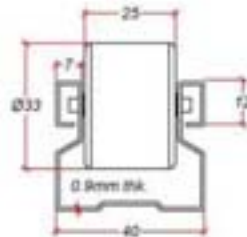


*It can be easily combined to a pipe, Being light and easy to use, the flow rack, using the placon, can improve the efficiency of goods circulation due to its easiness to control quality and stock by the first in first out rules, and easiness to cope with the diversitification of goods*

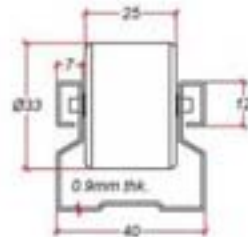
## Front View



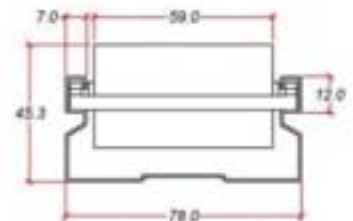
Placon type c "40"



Placon type e "40"



Placon type f "40"

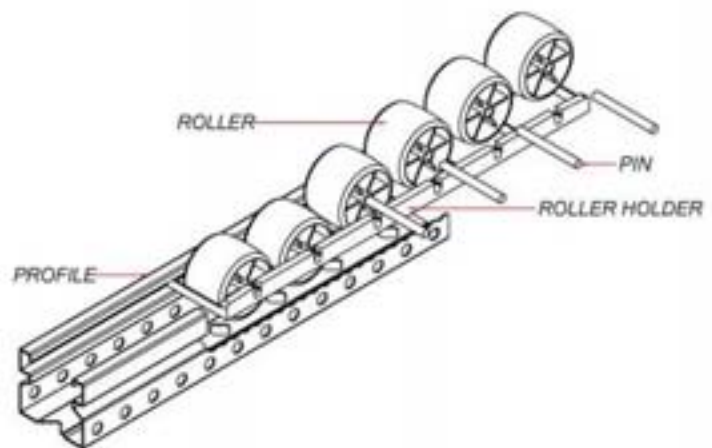


Placon type "80"

### PLACON TYPE "40" C



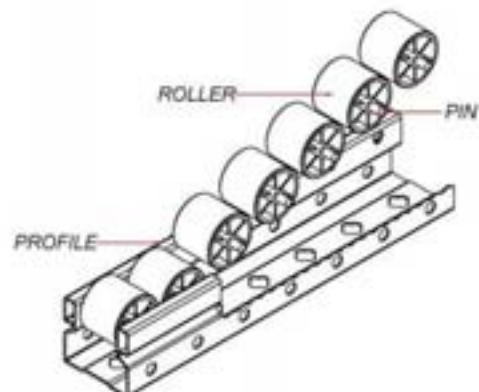
### WITH HOLDER



### PLACON TYPE "40" E

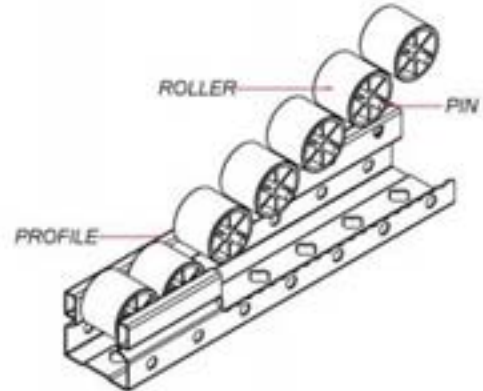


### WITH OUT HOLDER



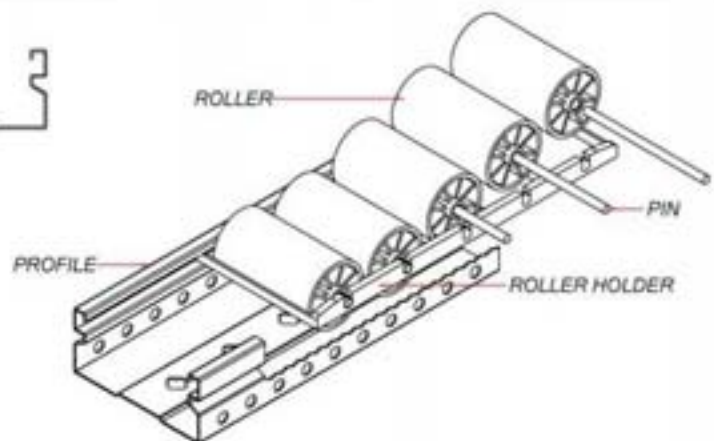
## PLACON TYPE "40" F

## WITH OUT HOLDER



## PLACON TYPE "80"

## WITH OUT HOLDER

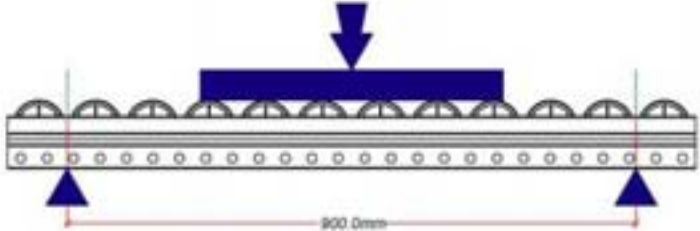


## PLACON SPECIFITON

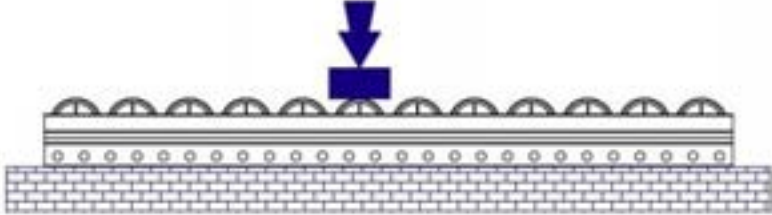
Specification	Descriptions					
	Load Capacity	Roller Diameter	Shaft Diameter	Roller Pitch	Standard Length	Material
EF-2045 - 40C	150	Dia 32mm	4 mm	37.5 mm	4M	0.9mm thk
EF-2045 - 40E	150	Dia 32mm	4 mm	37.5 mm	4M	0.8mm thk
EF-2045 - 40F	150	Dia 32mm	4 mm	37.5 mm	4M	0.8mm thk
EF-2045 - 80	300	Dia 32mm	5 mm	37 mm	4M	0.9mm thk



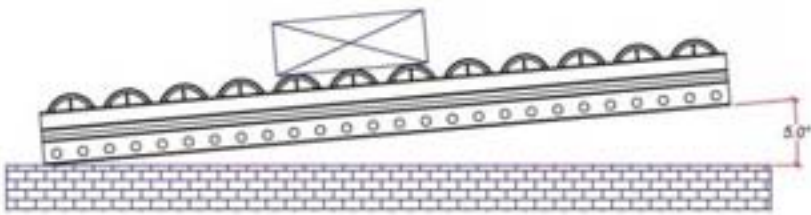
## PERMISSIBLE LOAD FOR PLACON

Test Condition :	MODEL	LOAD
i. Test Speed : 5mm / min ii. Temperature : 23°C 	EF-2045C	150 Kg
	EF-2045F	150 Kg
	EF-2045G	150 Kg
	EF-2080	300 Kg

## PERMISSIBLE LOAD FOR PLACON WHEEL

Test Condition :	MODEL	LOAD
i. Test Speed : 5mm / min ii. Temperature : 23°C 	EF-2045C	150 Kg
	EF-2045F	150 Kg
	EF-2045G	150 Kg
	EF-2080	450 Kg

## GRADIENT DETERMINATION FOR PLACON

Test Condition :	MODEL	LOAD
i. Box Weight : 0.75 Kg ii. Temperature : 23°C 	EF-2045C	1.70°
	EF-2045F	1.70°
	EF-2045G	1.50°
	EF-2080	1.40°


## 40 TYPE PLACON HOLDERS

Treatment : BLUE ZINC

<b>EF-2044C</b>	PLACON SUPPORT METAL - A
	 <p>Weight : 0.164 Qty / Box : 100 pcs</p>

<b>EF-2044CR</b>	PLACON SUPPORT METAL - A1
	 <p>Weight : 0.163 Qty / Box : 100 pcs</p>

<b>EF-2044D</b>	PLACON SUPPORT METAL - B
	 <p>Weight : 0.2 Qty / Box : 70 pcs</p>

<b>EF-2044DW</b>	PLACON SUPPORT METAL - B1
	 <p>Weight : 0.180 Qty / Box : 70 pcs</p>

<b>EF-2044E</b>	PLACON SUPPORT METAL - E
	 <p>Weight : Qty / Box : 50 pcs</p>

<b>EF-2044ER</b>	PLACON SUPPORT METAL - E1
	 <p>Weight : Qty / Box : 50 pcs</p>


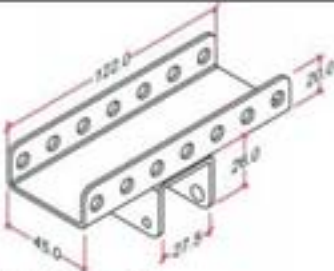
<b>EF-2044L</b>	PLACON SUPPORT METAL - E
	 <p>Weight : 0.304 Qty / Box : 50 pcs</p>

<b>EF-2044R</b>	PLACON SUPPORT METAL - E1
	 <p>Weight : 0.304 Qty / Box : 50 pcs</p>



## 40 TYPE PLACON HOLDERS

Treatment : BLUE ZINC

<b>EF-2044J</b>	PLACON SUPPORT METAL - D
	 <p>Weight : 0.205 Qty / Box : 60 pcs</p>

<b>EF-2040FA</b>	PLACON SUPPORT METAL - C
	 <p>Weight : 0.147 Qty / Box : 120 pcs</p>

<b>EF-2044P</b>	PLACON SUPPORT METAL - D1
	 <p>Weight : 0.082 Qty / Box : 100 pcs</p>


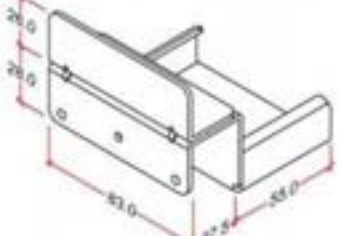


## 80 TYPE PLACON HOLDERS


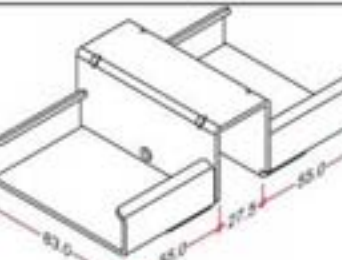
Treatment : BLUE ZINC

<b>EF-2048C</b>	PLACON SUPPORT METAL - 80A
	
	Weight : 0.219 Qty / Box : 50 pcs


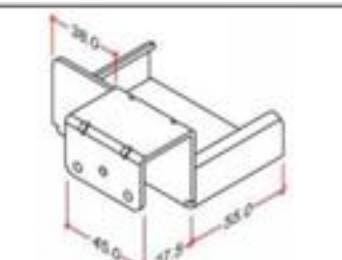
<b>EF-2048CR</b>	PLACON SUPPORT METAL - 80A1
	
	Weight : 0.225 Qty / Box : 50 pcs

<b>EF-2048D</b>	PLACON SUPPORT METAL - 80B
	
	Weight : 0.238 Qty / Box : 40 pcs

<b>EF-2048DW</b>	PLACON SUPPORT METAL - 81B1
	
	Weight : 0.281 Qty / Box : 30 pcs

<b>EF-2048E</b>	PLACON SUPPORT METAL - 80E
	
	Weight : 0.491 Qty / Box : 20 pcs

<b>EF-2048ER</b>	PLACON SUPPORT METAL - 80E1
	
	Weight : 0.338 Qty / Box : 20 pcs


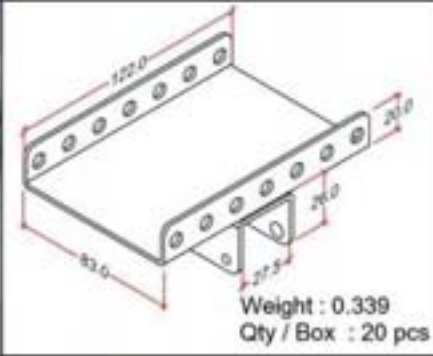
<b>EF-2048L</b>	PLACON SUPPORT METAL - 80L
	
	Weight : 0.234 Qty / Box : 40 pcs


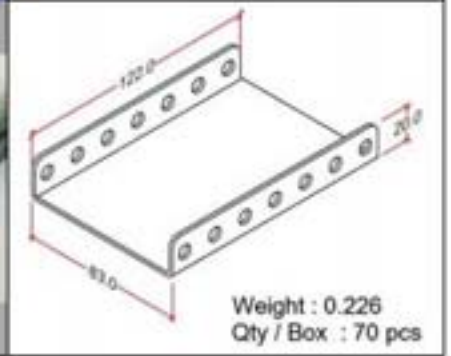
<b>EF-2048R</b>	PLACON SUPPORT METAL - 80R
	
	Weight : 0.234 Qty / Box : 40 pcs





## 80 TYPE PLACON HOLDERS

Treatment : BLUE ZINC


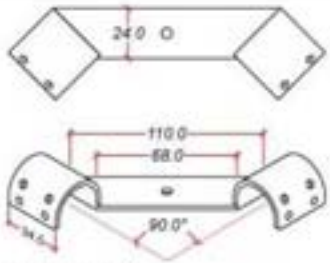



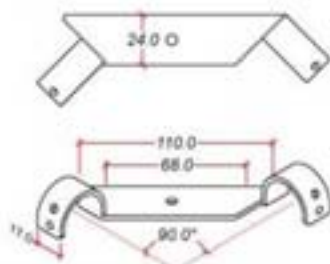

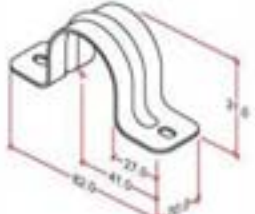



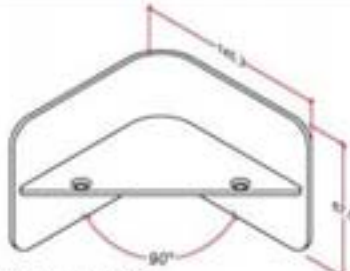

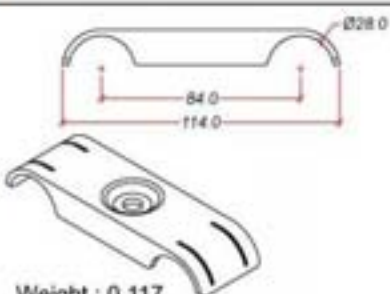

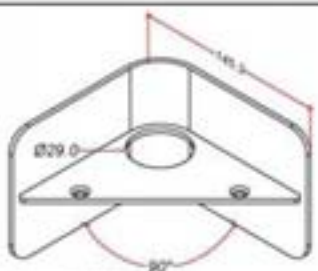
<b>EF-2048J</b>	PLACON SUPPORT METAL - D
	 <p>Weight : 0.339 Qty / Box : 20 pcs</p>

<b>EF-2080FA</b>	PLACON SUPPORT METAL - C
	 <p>Weight : 0.226 Qty / Box : 70 pcs</p>

<b>EF-2048P</b>	PLACON SUPPORT METAL - D1
	 <p>Weight : 0.140 Qty / Box : 80 pcs</p>






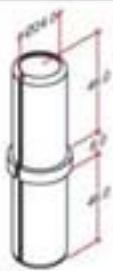



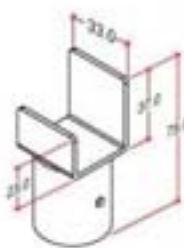

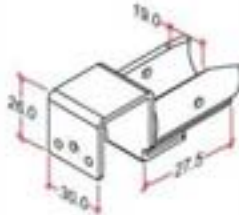



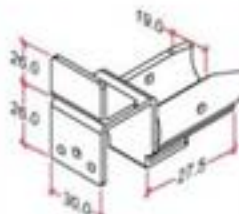


## GENUINE PARTS AND ACCESSORIES

<p><b>B.F.C.M - A</b></p> 	<p>BOARD FIXING CORNER METAL - A</p>  <p>Weight : 0.122 Qty / Box : 110 pcs</p>	<p><b>S.M - B</b></p> 	<p>SADDLE METAL - B</p>  <p>Weight : 0.19 Qty / Box : 500 pcs</p>
<p><b>B.F.C.M - B</b></p> 	<p>BOARD FIXING CORNER METAL - B</p>  <p>Weight : 0.081 Qty / Box : 150 pcs</p>	<p><b>S.M - C</b></p> 	<p>SADDLE METAL - C</p>  <p>Weight : 0.014 Qty / Box : 450 pcs</p>
<p><b>B.F.M - A</b></p> 	<p>BOARD FIXING METAL - A</p>  <p>Weight : 0.075 Qty / Box : 250 pcs</p>	<p><b>C.M - A</b></p> 	<p>CORNER METAL - A</p>  <p>Weight : 0.252 Qty / Box : 35 pcs</p>
<p><b>EF-1000A</b></p> 	<p>CASTER SUPPORT METAL</p>  <p>Weight : 0.117 Qty / Box : 200 pcs</p>	<p><b>S.M - B</b></p> 	<p>CORNER METAL - B</p>  <p>Weight : 0.252 Qty / Box : 35 pcs</p>



## GENUINE PARTS AND ACCESSORIES

<p><b>B F M - B</b></p> 	<p>BOARD FIXING METAL - B</p>  <p>Weight : 0.012 Qty / Box : 500 pcs</p>	<p><b>HGR</b></p> 	<p>HANGER</p>  <p>Weight : 0.007 Qty / Box : 500 pcs</p>
<p><b>P C - A</b></p> 	<p>PIPE CONNECTING - A</p>  <p>Weight : 0.044 Qty / Box : 150 pcs</p>	<p><b>P C - B</b></p> 	<p>PIPE CONNECTING - B</p>  <p>Weight : 0.044 Qty / Box : 150 pcs</p>
<p><b>H M - A</b></p> 	<p>HANGER METAL - A</p>  <p>Weight : 0.125 Qty / Box : 90 pcs</p>	<p><b>SPM - A</b></p> 	<p>SLIDE PIPE METAL - A</p>  <p>Weight : 0.128 Qty / Box : 100 pcs</p>
<p><b>GM - 1</b></p> 	<p>GUIDE METAL</p>  <p>Weight : Qty / Box :</p>	<p><b>SPM - B</b></p> 	<p>SLIDE PIPE METAL - B</p>  <p>Weight : 0.153 Qty / Box : 100 pcs</p>

# FOOT ADJUSTER

FOR TOTAL LOGISTICS SYSTEM  
ELECTRONIC MARKET

**EF-1200L** METAL ADJUSTER ( LARGE BASE )  
UNC 1/2" THREAD

Weight : 0.125  
Qty / Box : 100 pcs

**EF-1200PR** PLASTIC ADJUSTER WITH RUBBER BASE  
UNC 3/8" THREAD

Weight : 0.087  
Qty / Box : 130 pcs

**EF-1200H** METAL ADJUSTER ( HALF BASE )  
UNC 1/2" THREAD

Weight : 0.121  
Qty / Box : 150 pcs

**EF-1200R** METAL ADJUSTER WITH RUBBER BASE  
UNC 1/2" THREAD

Weight : 0.151  
Qty / Box : 100 pcs

**EF-1200S** METAL ADJUSTER ( SMALL BASE )  
UNC 1/2" THREAD

Weight : 0.104  
Qty / Box : 200 pcs

**EF-1200XS** METAL ADJUSTER ( HALF BASE )  
METRIC M10 THREAD

Weight : 0.104  
Qty / Box : 200 pcs

**EF-1200IN** INSERT NUT  
UNC 1/2" THREAD


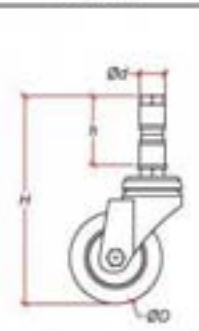
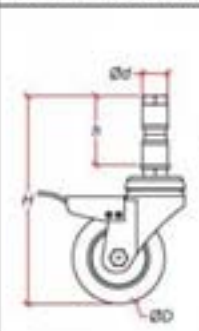
Weight : 0.081  
Qty / Box : 300 pcs

**OC - 1** Overlap cap


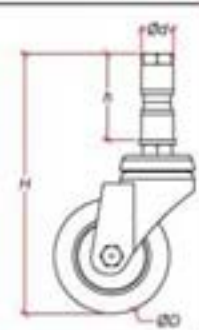
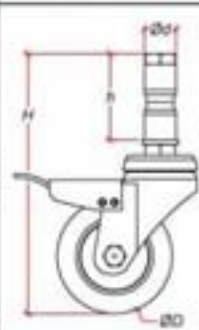
Weight : 0.241  
Qty / Box : 40 pcs




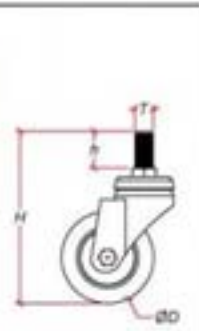
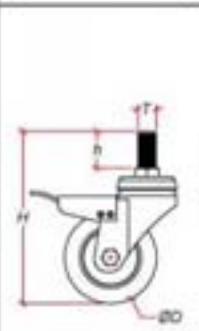
## Ø3" EXPENDING STEM CASTER

Ø3" CASTER	SWIVEL WITHOUT BRAKE	SWIVEL BRAKE ( TOTAL BRAKE )	SWIVEL WITHOUT BRAKE						
			Ød	h	ØD	H	Width	Load	Material
			21	58	Ø76	166	25	75kgs	PU
			SWIVEL WITH BRAKE ( TOTAL BRAKE )						
			Ød	h	ØD	H	Width	Load	Material
			21	58	Ø76	166	25	75kgs	PU


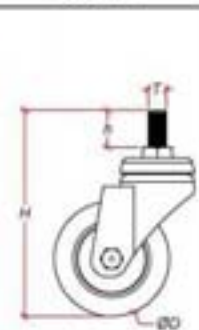
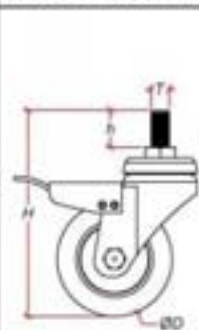
## Ø4" EXPENDING STEM CASTER

Ø4" CASTER	SWIVEL WITHOUT BRAKE	SWIVEL BRAKE ( TOTAL BRAKE )	SWIVEL WITHOUT BRAKE						
			Ød	h	ØD	H	Width	Load	Material
			21	58	Ø100	191	25	100kgs	PU
			SWIVEL WITH BRAKE ( TOTAL BRAKE )						
			Ød	h	ØD	H	Width	Load	Material
			21	58	Ø100	191	25	100kgs	PU

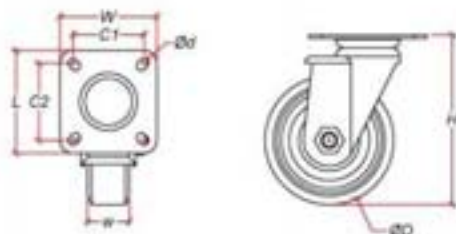
## Ø3" THREAD STEM CASTER

Ø3" CASTER	SWIVEL WITHOUT BRAKE	SWIVEL BRAKE ( TOTAL BRAKE )	SWIVEL WITHOUT BRAKE						
			Ød	h	ØD	H	Width	Load	Material
			M12	25	Ø76	130	25	75kgs	PU
			SWIVEL WITH BRAKE ( TOTAL BRAKE )						
			Ød	h	ØD	H	Width	Load	Material
			M12	25	Ø76	130	25	75kgs	PU

## Ø4" THREAD STEM CASTER

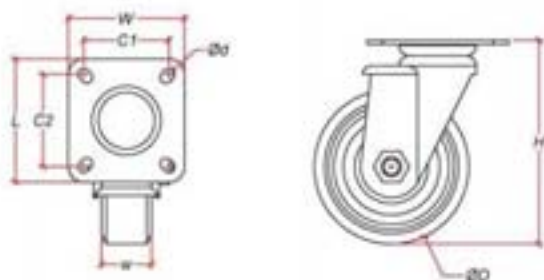
Ø4" CASTER	SWIVEL WITHOUT BRAKE	SWIVEL BRAKE ( TOTAL BRAKE )	SWIVEL WITHOUT BRAKE						
			Ød	h	ØD	H	Width	Load	Material
			M12	25	Ø100	155	25	100kgs	PU
			SWIVEL WITH BRAKE ( TOTAL BRAKE )						
			Ød	h	ØD	H	Width	Load	Material
			M12	25	Ø100	155	25	100kgs	PU

## TOP PLATE CASTER WHEEL ( Ø3" / 75mm )



SWIVEL / SWIVEL WITH BRAKE	RIGID	SWIVEL / SWIVEL WITH BRAKE									
		ØD	H	Ød	W	C1	L	C2	w	Load Capacity	Material
		80	107	9	104	72	84	52	33	80 kgs	PU
		RIGID									
		ØD	H	Ød	W	C1	L	C2	w	Load Capacity	Material
		80	107	9	104	72	84	52	33	80 kgs	PU

## TOP PLATE CASTER WHEEL ( Ø4" / 100mm )



SWIVEL / SWIVEL WITH BRAKE	RIGID	SWIVEL / SWIVEL WITH BRAKE									
		ØD	H	Ød	W	C1	L	C2	w	Load Capacity	Material
		100	128	9	104	72	84	52	33	100 kgs	PU
		RIGID									
		ØD	H	Ød	W	C1	L	C2	w	Load Capacity	Material
		100	128	9	104	72	84	52	33	100 kgs	PU



## ACCESSORIS : FASTENERS AND TOOLS

<i>Fastener Type</i>	<i>Item</i>	<i>Spec</i>	<i>Color</i>	<i>Usage</i>
	M6 X 25mm bolt c/w T-Nut	M6	Black Blue Zinc Nickle	For Metal Joint
	Washer	M6 M8 M10	Blue Zinc Nickle	For caster and accessories
	Lock nut	M6 M8 M10	Blue Zinc	For caster and accessories
	Bolt	M8 x 40mm	Blue Zinc	For Caster mount
	Screw	FH 8 x 10mm FH 8 x 25mm	Blue Zinc White	For accessories
	Drill Bit		Golden	For accessories

## ACCESSORIS : FASTENERS AND TOOLS

<i>Fastener Type</i>	<i>Item</i>	<i>Spec</i>	<i>Color</i>	<i>Usage</i>
	<i>Hexagon Kay</i>	<i>M6</i>		<i>For Metal Joint</i>
	<i>Pipe Cutting</i>	<i>5-45mm</i>		<i>For ABS, ESD, SS Pipe</i>



# PIPE RACKING SYSTEM

FOR TOTAL LOGISTICS SYSTEM  
ELECTRONIC MARKET





# PIPE RACKING SYSTEM

FOR TOTAL LOGISTICS SYSTEM  
ELECTRONIC MARKET

