



AWJ AWJ Co., Ltd.

PRODUCTS GUIDE 2024I

AWJ History

Pursuit of a VISION no one thought of

2005

Annway Japan established
Started as a sole agent of ANNWAY Taiwan.



2007

Moved to Saitama due to business consolidation



2006

Started import agent of LEAVE Taiwan



2010

Started development of original products as Annway Japan

- Main product
- Multi-level core pointer
 - Studs bolt marker
 - Valve handling cover
 - Flat series



2021

Company name was changed to AWJ Co.,Ltd.
from Annway Japan
AWJ aims to become a global company.



AWJ
AWJ Co., Ltd.

2024

New products
KR Band Series to be released



2022



Renewed of AWJ Website
New product released

- EL H-shaped Steel Under Cover II, Clip Cap
- EL Round Pipe Inner Cap
- EL Square Pipe Inner Cap
- EL Hex Bolt Cap Washer attached
- Pipe Supports for Polybutene Pipes

Exhibitions

Mar 12 - Mar 15

Architecture + Construction materials, Tokyo Big Sight

May 29 - May 31

JECA FAIR 2024, Tokyo Big Sight

Oct 10 - Oct 12

Domestic Exhibition, Nagoya Fukiage Hall
Organized by The Aichi Pumping & heating Constructors' Association

Oct 23 - Oct 25

Domestic Exhibition, Tokyo Metropolitan Industry and Trade Center
Organized by The Tokyo Pumping & heating Constructors' Association

CONTENTS

New products

【New】 Stencil Sheet (Refer to P-92 for details)	6
【New】 Joint Stencil (Refer to P-93 for details)	7
【New】 KR Band	8-9
【New】 EL Cap Series	10-11

Pipe Supports

Flat Series Features and Purposes - Elastomer -	12-19
Flat Series Comparison Chart - PVC, Cross-linking AC, Elastomer -	20-22
Flat Series Compatible Piping Lineup - List of Elastomer pipe supports -	23-25
Flat Series Pipe supports for water/ hot water supply SU pipe -Stainless pipe thin-walled	26-29
Flat Series Pipe supports for water/ hot water supply VP pipe - Rigid PVC pipe	30-33
Flat Series Pipe supports for water/ hot water supply SGP pipe - Stainless pipe	34-37
Flat Series Pipe supports for water supply TP pipe - Super Tough-Poly	38-41
Flat Series Pipe supports for water supply PE pipe - Polyethylene pipe	42-45
Flat Series Pipe supports for hot water supply PB pipe - Polybutene pipe	46-49
ETFE Fluororesin Pipe supports for steam/drain pipe SU pipe -Stainless pipe thin-walled/SGP pipe - Stainless pipe	50-55
HONEYCOMB spacer Type-I, Type-II Features and Purposes	56-57
HONEYCOMB spacer Type-I, Type-II Shim-plate SU pipe -Stainless pipe thin-walled/SGP pipe - Stainless pipe	58-59
HONEYCOMB spacer Type-I, Type-II Shim-plate SU pipe -Stainless pipe thin-walled/SGP pipe - Stainless pipe	60-61
Flat U-Bolt & HONEYCOMB spacer Type-I Set Shim-plate +30 +50 SU/SGP pipe	62
Flat U-Bolt & HONEYCOMB spacer Type-II Set Shim-plate +30 +50 SU/SGP pipe	63
HONEYCOMB spacer Type-I Size chart	64
HONEYCOMB spacer Type-I Combination list of various size	65-66
HONEYCOMB spacer Type-II Size chart II	67
HONEYCOMB spacer Type-II Combination list of various size	68-69
Stabilizer plate/ Insulating plate for U-Bolt/ ETFE plate	70-75
Valve handle cover	76-79
Studs bolt marker	80-81

Piping supplies

Structural steel marker	82-83
Pipe marker for SU/SGP pipe	84-85
Multi-level core pointer	86-87
Multi-level core pointer II	88-89
Multi sleeve pointer	90-91
Stencil Sheet	92
Joint Stencil	93

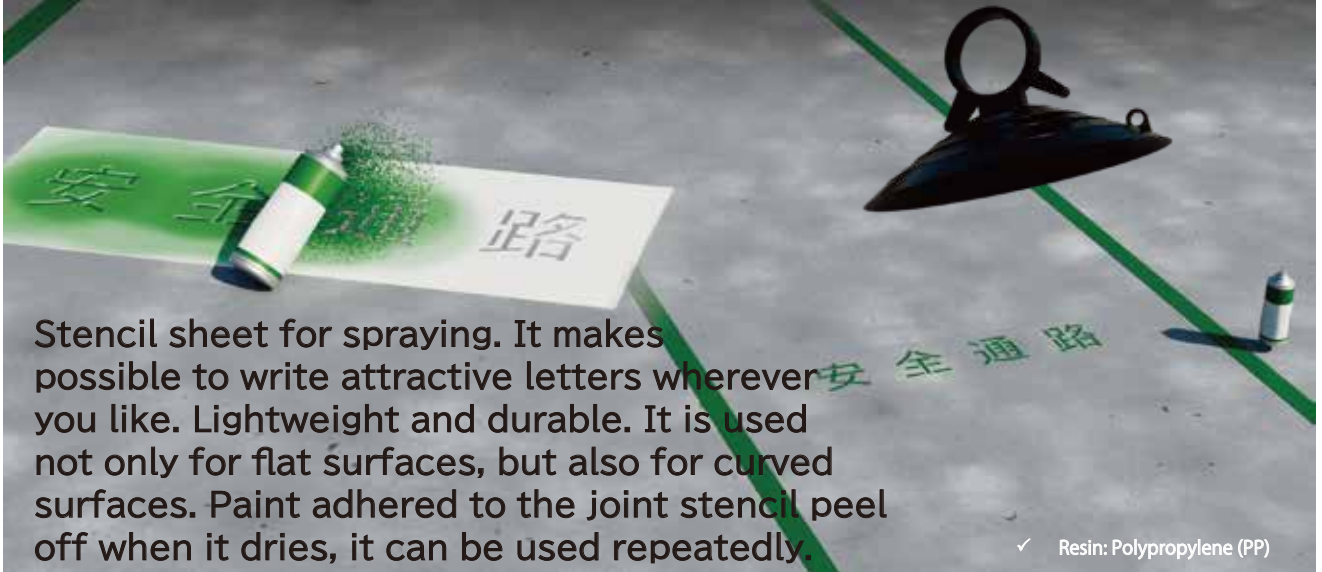
Protective cap

EL bolt head cap/ EL bolt cosmetic cap/ EL hexagon bolt cap washer attached	94-96
EL bolt cap/ EL clip cap/ EL hexagon nut cap	97-99
EL nut cosmetic cap/ EL flange nut cap	100-101
EL single nut cap/ EL single nut cap washer attached	102-103
WS type EL single nut cap washer attached/ EL double nut cap	104-105
EL double nut cap washer attached/ WS type EL double nut cap washer attached	106-107
EL performed angle cap/ EL L-shaped unequal angle cap	108-109
EL channel cap/ EL equal-angle steel cap for general angle	110-111
EL H-shaped steel cap/ EL lipped channel steel cap	112-113
EL ducter rail cap/ Type BC EL ducter rail cap	114-115
EL H-shaped steel under cap/ EL H-shaped steel under cover for segment	116-117
EL outer cap for square cap/ EL inner cap for square pipe	118-120
EL outer cap for round pipe/ EL inner cap for round pipe	121-122
EL outer cap for wide square pipe	123
Female thread anchor cap/ Inner cap for cap bolt	124-125
PVC studs bolt cap/ PVC single nut cap/ PVC anchor nut cap	126
PVC double nut cap/ PVC single nut cap washer attached/ PVC double nut cap washer attached	127
PVC high tension nut cap washer attached/ PVC high tension bolt washer attached	128
PVC hexagon sac nut cap/ PVC cap bolt outer cap	128
PVC round pipe cap/ PVC wide square pipe cap	129
PVC channel cap/ PVC H-shaped steel cap	129
[Information] 2D/3D CAD data downloading	130

Stencil Sheet

Stencil sheet - Cutout sheet

Working without getting your hands dirty by suction cup



Stencil sheet for spraying. It makes possible to write attractive letters wherever you like. Lightweight and durable. It is used not only for flat surfaces, but also for curved surfaces. Paint adhered to the joint stencil peel off when it dries, it can be used repeatedly.

✓ Resin: Polypropylene (PP)



Lightweight and durable

It is made by polipropylene which is light and easy to carry. It is also flexible and durable.



Avairable for curved surface

Since the stencil sheet thickness is 1 mm only, it allows stencil application even on curved surfaces.



The suction cup keeps hands clean

Attach the suction cup to the stencil sheet for remove. The suction cup provided by a standard accesorry.



Remove the stencil sheet by the suction cup. It works without getting your hands dirty.

Joint Stencil

“Vertical and horizontal in writing”



Vertical



Horizontal



Two lines

Carried compactly taking it to pieces



It can be stacked for storage.
Best use for carry.

“Prevent misalignment of the letter position”



To recognize the joint, one side is colored differently.



The spacers makes it easier to position letters. It also help to prevent from letter misaligned.

“Various letter size can combined as you like”

Combination sample



The sheets joints in all four directions for a variety of combination.

-Alphabet available-

● Resin: Polypropylene (PP)

K R K Kumishiki R Ring The World-first

Patent: Trademark pending
D1763642

“KRBAND combines features of the strength of
Hinged type and easy handling of Assembly type”

KRBAND Series to the Next Generation

To The Future



1. Due to the KRBAND design based on assembly type, there is no concern of the caulking pin falling out and the pipe falling when an earthquake occurs, as is the case with hinged bands.
2. Tensile rupture test results in approximately three times higher than hinged bands by KRBAND size 20A to 100A.

3. KR band can be divided and hot-dip galvanized, it makes the band open/close smoothly and quickly when installation, and improving work efficiency.



“Many advantages from steel

Patent: Trademark pending
D1763642

Evolving To The Future to plastic pipes”

4. KRBANDs are assembled in shipping and are very hard to detach. Therefore, there is no concern about one side of the band detaching and falling off when installation to a pipes, as is the case with original assembly type.

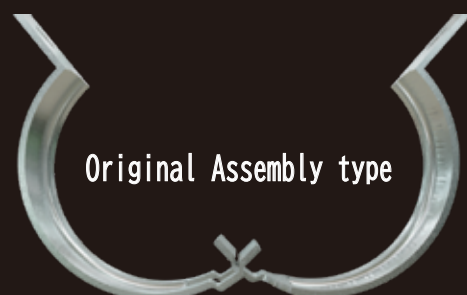


“No need to use both Hinge

Evolution type and Assembly type”



5. The KRBAND does not damage pipes when the band is opened when installation, as is the case with original assembly type. The KRBAND applies for plastic pipes which are used in a variety of applications without the concern of damaging the pipes.



WS Type Series

The design of the CAP threaded is registered
by AWJ Co., Ltd.

D. 1419296
D. 1439796

“ WS type is new released ”

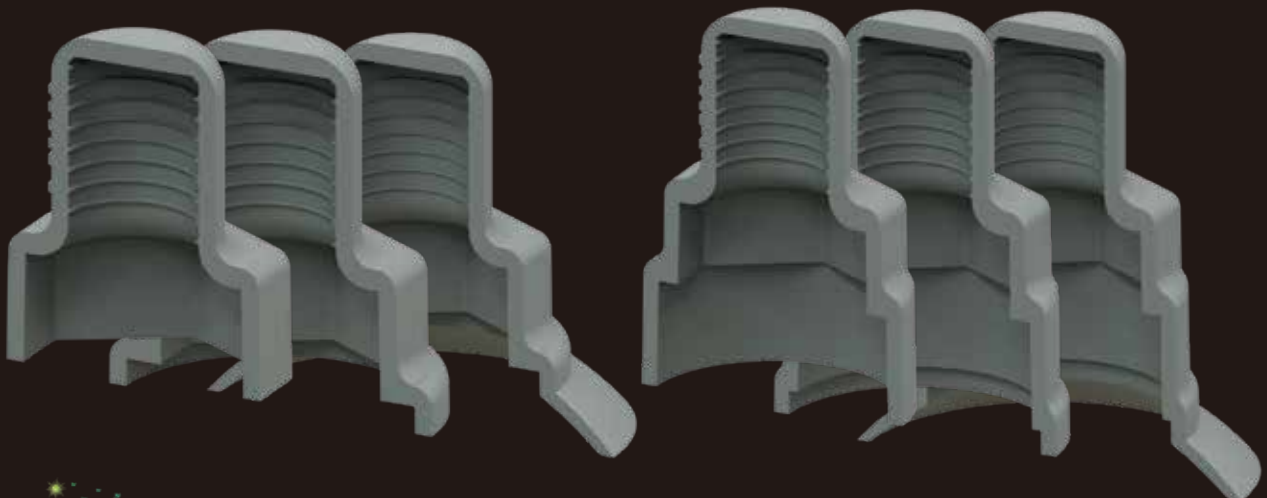
Best-selling series in PVC has been renewed in elastomer resin.

For higher quality, it is added a skirt structure to the original products. The skirt works like a suction cup, it prevent from water or other foreign material.

It is also improve work efficiency by having a rust-preventive effect, and by high adhesion which prevent peeling off. Eight colors are available.



“ Easy installation just by pushing,
Turn the cap for removing.
Resistant to vibration. ”



Eco-friendly elastomer was used in the products.

Elastomer is recyclable and does not generate dioxin when incinerated compared to PVC.

The design of the CAP threaded is registered
by AWJ Co., Ltd.

D. 1419296
D. 1439796

EL CAP Series Full line-up

Single nut series

SIZ M6-M24, W5/16-W3/4



EL Single nut cap



EL single nut cap washer attached



WS Type

EL single nut cap washer attached

Double nut series

SIZ M10-M22, W3/8-W3/4



EL double nut cap



EL double nut cap washer attached



WS Type

EL double nut cap washer attached

High-tension nut cap series

SIZ M12-M24

2024

Coming Soon



EL High-tension nut cap washer attached



WS Type

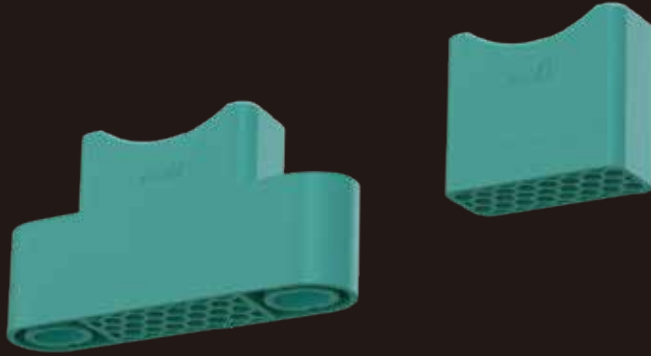
EL High-tension nut cap washer attached

Material Characteristics

FLATBAND[®] E L Flat Band Hanger

FLATUBOLT[®] Flat U-Bolt

HONEYCOMB SPACER[®]



It is the world's first pipe supports with elastomer resin coating. Elastomer is convenient for use, and RoHS2 compliant which is environmentally friendly. Suitable for SU, VP, SG, PE, TP, PB, steam pipes and any pipes.



Four advantages of optimal elastomer for pipe supports

1 Usable at 98°C at all times

The elastomer has a brittleness temperature of -60°C and a softening temperature of 148°C, according to the manufacturer's values.

In-house test has been passed under the condition at 98°C for 8 months with no errors or change.

3 Excellent insulation

The manufacturer's values are durable as much as an insulating resin for pipe supports, reducing the incident of the tearing or losing its insulating effect, even with huge impact or repeating open-close of the band.

*Tear strength of 103kN/m, tensile strength of 27.8 MPa

2 Chlorine FREE in main material

The elastomer resins do not contain chlorine. (Styrenic elastomer resin)

4 Not trigger resin pipe deterioration

Elastomers do not contain plasticizers that cause deterioration of plastic pipes, such as polyethylene and PVC pipes. Conventional pipe supports without coating have often been used for plastic pipes, and they caused damages where they contact with plastic pipes. With the EL Flat Band Hanger, the elastomer coating flexibly protects the plastic pipe.

Color Variations

AWJ Blue

The standard color of AWJ, a bright blue, is to identify the elastomer at a glance.



Tough-Poly Blue

Since the pipe supports for Super Tough-Poly are particular size from generals, special color is applied to minimize mistakes.



VP Gray

Color of VP only



AWJ Green

AWJ green color is to distinguish between the Elastomer resin specially designed for polybutene pipes and others.



Black for Outdoor

UV absorber + black that prevents discolor

The black for outdoor use where exposed to ultraviolet rays. UV absorbing function have been included to make it tougher.

*Hot-dip galvanized is the standard for outdoor use of pipe hanger and support. Others require custom made.



Smooth pipe feeding structure

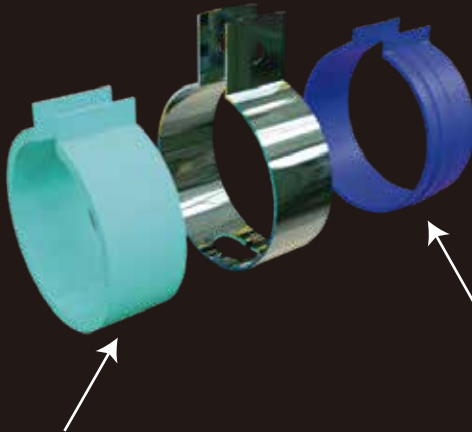
Achieve high Efficiency

Since the inside of the flat band where contacts the piping is made of a hard elastomer resin, it does not grip the piping and can be fed smoothly compared to PVC or other soft resins.



Composed different type resins on the outside and inside

Hybrid structure, the world first



As shown in the pictures, the flat band hanger consists of "inner material" and "outer material". It led to success in feeding the band smoothly by opening/closing easily.

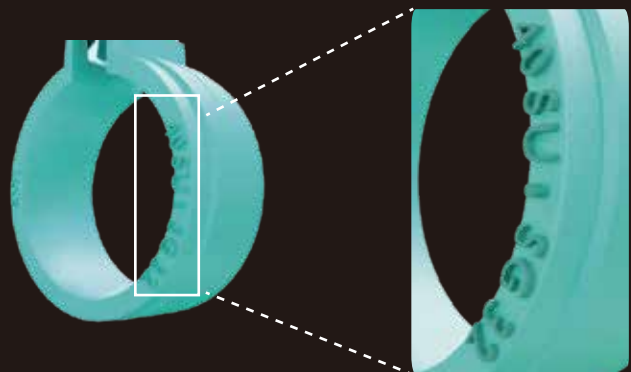
*It is showed in two colors to make it easier to distinguish the different materials.

Outer material- Material B
Outer resin has lower hardness than material A for opening/closing easily. Material B is not suitable for inside material because it grips the pipes.

Inner material- Material A
Inner resin has higher hardness for pipe feeding and insulation. However, it became too hard for opening/closing.

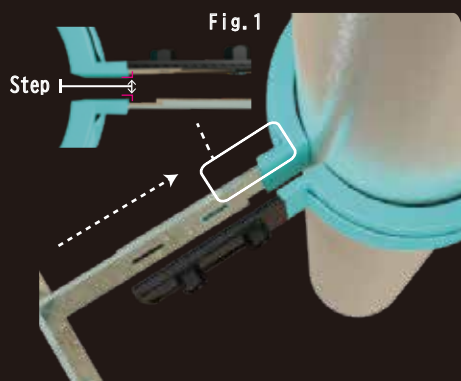
Freely shaped elastomer

Size stamping to the body is available which was not possible with PVC.



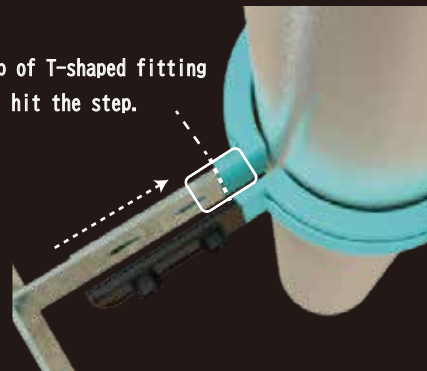
The structure makes it easy to find proper distance where to contact the T-shaped fitting to the pipe

In order to make it easier to find proper distance where the T-shaped fitting to the pipe, a step as shown in Fig.1 is designed. It prevent contacting between the pipe and T-shaped fitting by fixing the proper torque based on the step.



The tip of the T-shaped fitting catches on the step between the metal fitting and the resin.

The tip of T-shaped fitting hit the step.

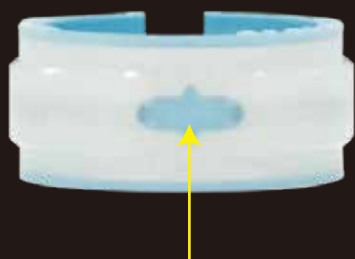


To keep the proper distance, the T-shaped fitting fix on the position where it touch the step.

⚠ The pole position may not match depending on the manufacturer of T-shaped fitting. Please be sure to check in advance.

Easy to use with hybrid construction

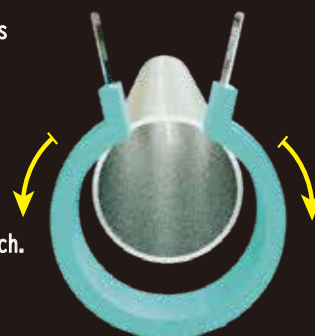
Effective structure by two types of resin



Open/Close Fulcrum structure

We achieve extremely easy-use band by hybrid structure of hard resin which improves pipe slippage and soft resin which has flexible to open/close.

This is the next generation of pipe supporter provided by AWJ' s field oriented spirit which based on the ground approach.



Perfect fit to the diameter of the pipes

Gap between the band and pipe

Due to the features of the manufacturing process, PVC insulation coating has a uneven wall thickness as shown in the picture. There many gaps which are not contacted with the pipes.



PVC band

Perfect fit with no gap

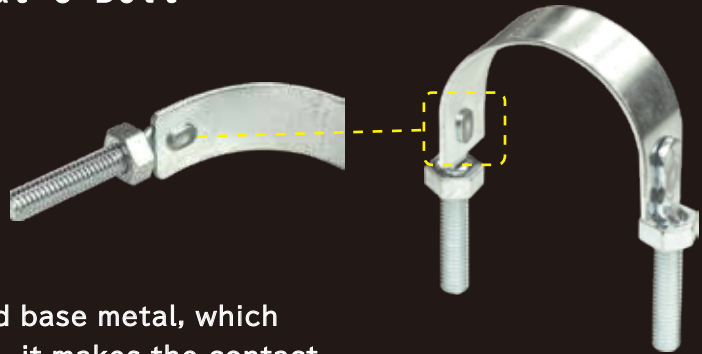
EL Flat Band is designed based on the diameter of the pipes and used in-house manufactured molds, it has a uniform wall thickness and supports pipes with fine contact compared to PVC.



EL FLATBAND

Excellent strength of flat U-Bolt

Original U-bands are attached by "caulking" or "welding. It may be tore or lost by "torsion" or "strong force."



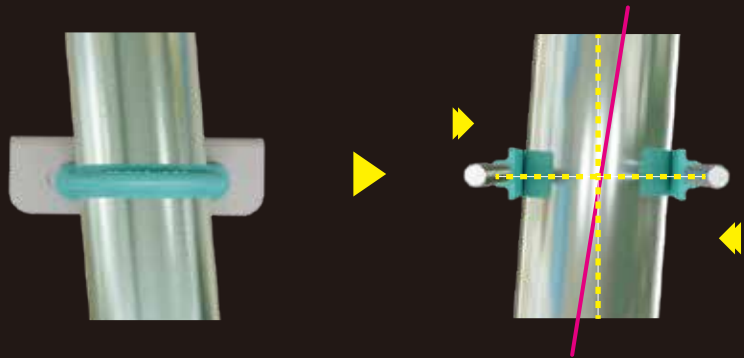
Reliable strength

This FLATUBOLT has a U-bolt shaped base metal, which coated with an elastomer. Therefore, it makes the contact point with the pipes flat, and it can be installed for upside-down without any concern.

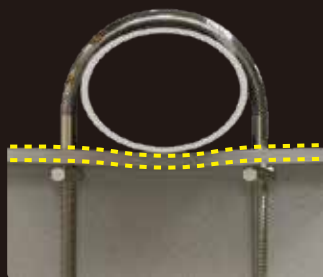
Large contact surface aligns pipe vibration

Pipe inclination

FLATUBOLT aligns the pipe to the original position by elastic force when the pipe swings, vibrates, expands or contracts as shown in the figure.



Prevent from pipe braking by over-tightening

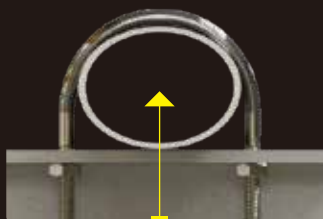


Deformed due to over-tightening

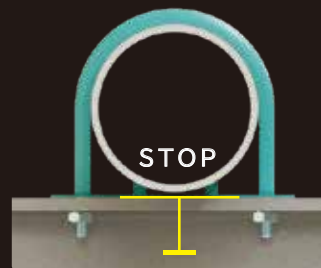
The cause of the accident

The cause is the length of the threaded part of the U-bolt.

Tightening the nut over the proper torque may deform the pipe as shown in the left figure.



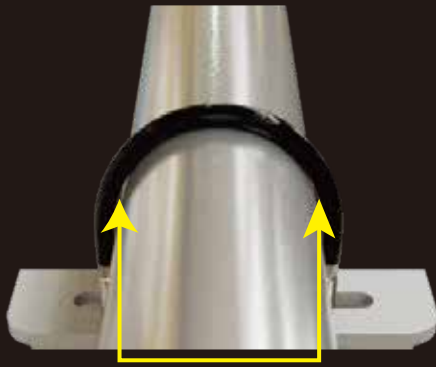
The more stress tightened the pipe unless stopped tighten the screw.



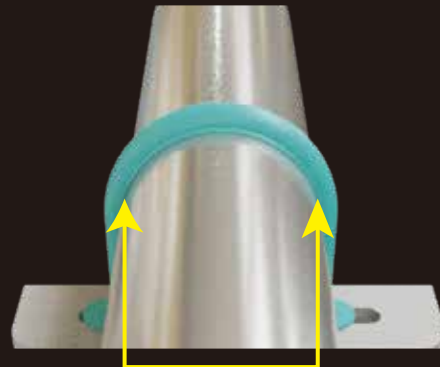
It can visually identify the correct position, and prevents over-tightening by the resistance of the resin and the plate.

Drastic improvement in fitting

FLATUBOLTS are manufactured in a completely different way from original PVC coated U-bolts. FLATUBOLTS designed specifically for various types of pipes, it provides fine fitting ability.



Gaps between the bolt and pipes

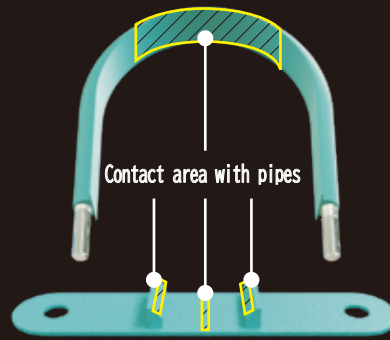


No gaps



Original U-bolt with PVC

While original U-bolts are supported by lines or points, FLATUBOLTS are supported by a surface. It makes possible to firmly fasten to the pipe.

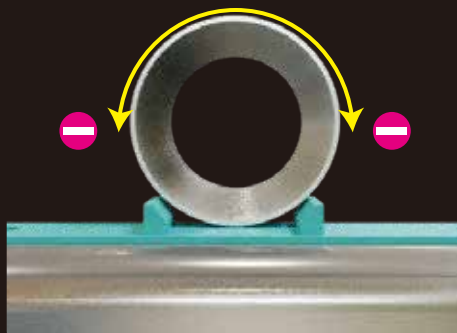


Stabilizer plate

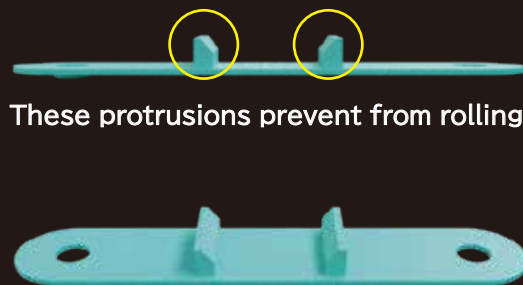
Increase efficiency

Stabilizer plate

The stabilizer plate which provided as a standard accessory with FLATUBOLT prevents the pipes from rolling.



It renamed to "stabilizer plate" from the "stabilizer".

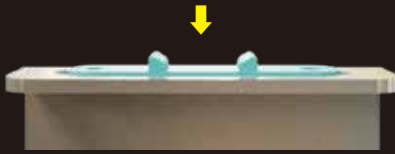


These protrusions prevent from rolling.

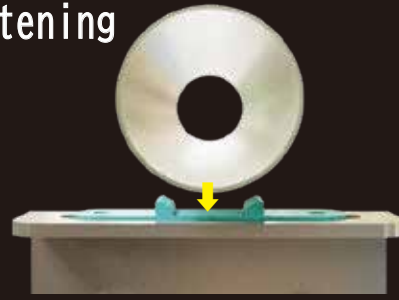
It makes easier to position pipes to place the stabilizer plate in advance since it prevent the pipe from rolling off.

Prevent from pipe braking by over-tightening

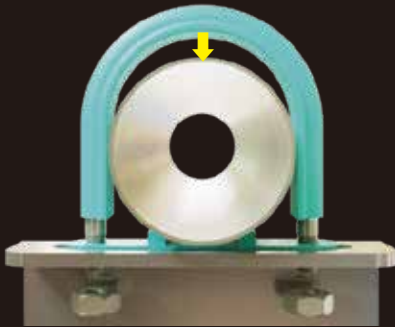
Structure for preventing pipe deformation



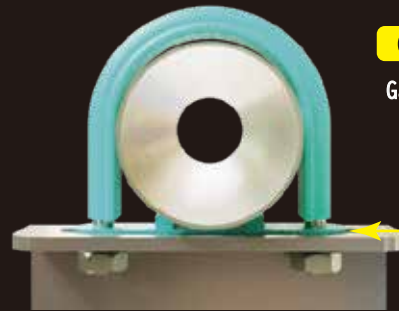
1. Place the plate



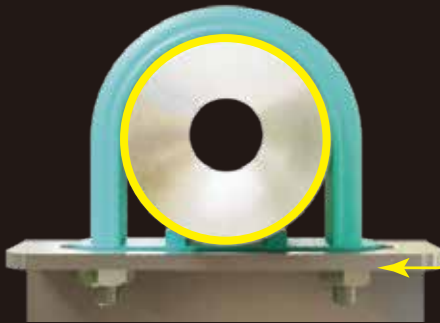
2. Set the pipe on the plate



3. Cover the FLATUBOLT and attach the nut temporarily



4. There will be a gap here at this point which is not torqued to the nut



When the gap here is visually "0 mm", proper tightening pressure to the pipes which protect it. Not too tight, not too loose.



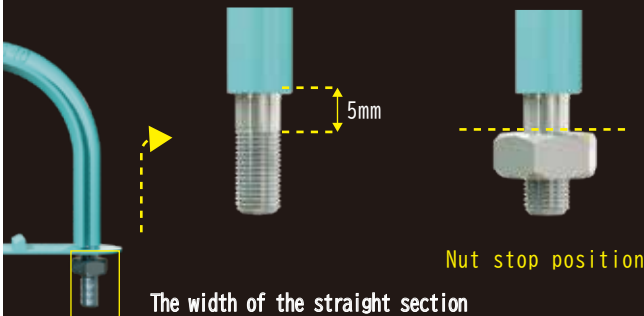
Retightening

5. Retighten by proper torque

Prevent from pipe braking by over-tightening & Extra

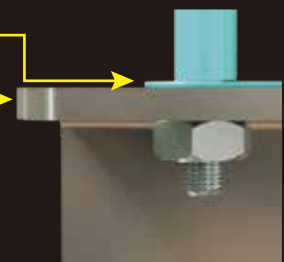
There is a straight section of approx. 5 mm between the resin and the threaded part of the FLATUBOLT, the top of the part is where the nut stops.

The straight section of approx. 5 mm provides "relief" for the thickness of the plate and steel. Even if the nut is tightened to the top, the straight section will stop the nut securely.



The width of the straight section varies depending on the size. +/- 2 mm

Plate: 1.5 mm
Steel: 4-5 mm



The steel thickness is designed based on "4 mm to 5 mm". In case of thinner than it, you can adjust it by washers.

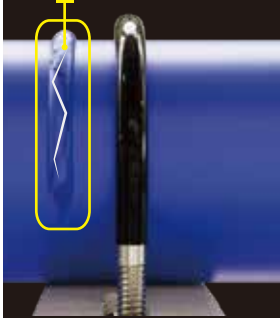
(15A-200A)

Concerns about flexible vinyl chloride and plastic pipes

FLATUBOLT adopted to plastic pipes

Deterioration of plastic pipe in the image

The area where the PVC contacted swells and cracks.



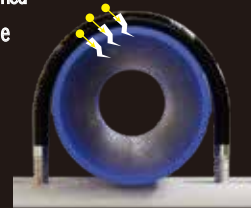
When the PVC plasticizer actually migrates into the plastic pipe, as shown in the left figure, it generates a mark where contacts between the PVC and the pipe. It may cause a rupture where the mark which the plasticizer-absorbed plastic pipe surface swells.



Resin pipes have improved heat resistance and strength, now it often found in construction field due to their ease of handling. However, resin pipes cannot be adopted with PVC-U bolts.

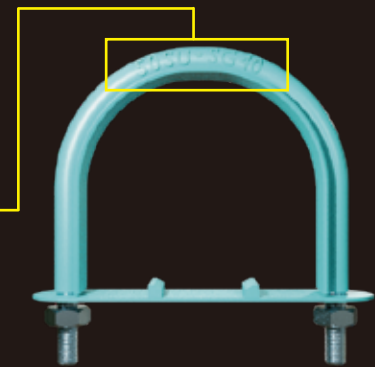
Plasticizers in flexible vinyl chloride deteriorate plastic pipes

The plasticizer softens the resin like rubber which consists of U-Bolt coated by flexible vinyl chloride. However, in a certain period of contact between the plastic pipe and the flexible vinyl chloride, the plasticizer contained is gradually released from the flexible vinyl chloride and begins to migrate into the plastic pipe. Since the plasticizer is very easy-to-mixed with resin, the plasticizer is absorbed from the surface of the resin pipe and deteriorates, causing cracks and breaks.



Freely shaped elastomer

Size can be stamped to the body



Elastomer & Insert molding



Flat series are manufactured by insert molding. Both EL FLATBAND and FLATUBOLT are manufactured by injection molding and insert molding. Compared to flexible vinyl chloride U-bolts and pipe hanger and pipe supporter, dimensions can be designed precisely and free shapes can be created.

Chlorine content in Elastomer resin made from

Chlorine FREE

Item / Products	PVC(Dipping) Pipe Hanger	Cross-linking AC Pipe Hanger	EL Flat Pipe Hanger (Nut Holder attached)
			
Operating temperature range (In-house testing)	-20°C to +60°C	-18°C to +90°C	-60°C to +98°C
Resin softening temperature (Molded deformation)	60°C or above	95°C or above	148°C or above
Primary material	Flexible vinyl chloride (PVC)	Acrylic paste (AC)	Elastomer (TPE)
Plasticizer volatility	Volatile over 40°C	Slightly volatile after cross-linking	Very low at 98°C or below
Insulating coating Thickness	Approx. 1.0mm±0.2mm	Approx. 1.0mm±0.2mm	1.2mm
Tensioning Test (size100SU) Shimazu Corp. AG-100KNX plus	7.0 kN	7.0 kN	7.0 kN
Dielectric breakdown strength KV/mm (JIS G 3469)	20Kv/mm	20Kv/mm	23Kv/mm
Volume resistivity Ω (ASTM D 257)	1.6×10^{11}	1.9×10^{16}	1.7×10^{16}
Flame resistance (JIS K 6911)	Self-extinguishing	Late combustion	Late combustion
Weather resistance	Accept	Accept	Excellent Outdoor-use product available
Environmental component	Non	RoHS compliant	RoHS2 compliant
Chlorine content	Presence	Non	Non
Plasticizer	Phthalate ester	Phthalic acid	Mineral oil
Compatibility with other resins (Migration)	Poor	Poor	Excellent
Chemical resistance	Excellent	Good	Good
Resin Tension Mpa, Taring kN/m (JIS K 6251), (JIS K 6252)	17.8 Mpa 52.5kN/m	-----	27.8 Mpa 103KN/m
Price (Compared with PVC as 100)	100	350 to 450	130 to 200
Piping applications	Water supply	Water/Hot-water supply	Water/Hot-water supply
Manufacturing method	Dip coating	Cross-linking after dip coating	Hybrid insert
Compatible piping	SU/SG	SU/SG	SU/SG/Various resins
Colors	Blue / Gray / Ivory / Black	Gray / Dark blue	AWJ blue / Tough poly blue / Gray

Item / Products	PVC(Dipping) Pipe Supporter	Cross-linking AC Pipe Supporter	EL Flat Pipe Supporter (Nut Holder attached)
			
Operating temperature range (In-house testing)	-20°C to +60°C	-18°C to +90°C	-60°C to +98°C
Resin softening temperature (Molded deformation)	60°C or above	95°C or above	148°C or above
Primary material	Flexible vinyl chloride (PVC)	Acrylic paste (AC)	Elastomer (TPE)
Plasticizer volatility	Volatile over 40°C	Slightly volatile after cross-linking	Very low at 98°C or below
Insulating coating Thickness	Approx. 1.0mm±0.2mm	Approx. 1.0mm±0.2mm	1.2mm
Tensioning Test (size100SU) Shimazu Corp. AG-100KNX plus	7.0 kN	7.0 kN	7.0 kN
Dielectric breakdown strength KV/mm (JIS G 3469)	20Kv/mm	20Kv/mm	23Kv/mm
Volume resistivity Ω (ASTM D 257)	1.6×10^{11}	1.9×10^{16}	1.7×10^{16}
Flame resistance (JIS K 6911)	Self-extinguishing	Late combustion	Late combustion
Weather resistance	Accept	Accept	Excellent Outdoor-use product available
Environmental component	Non	RoHS compliant	RoHS2 compliant
Chlorine content	Presence	Non	Non
Plasticizer	Phthalate ester	Phthalic acid	Mineral oil
Compatibility with other resins (Migration)	Poor	Poor	Excellent
Chemical resistance	Excellent	Good	Good
Resin Tension Mpa, Taring kN/m (JIS K 6251) , (JIS K 6252)	17.8 Mpa 52.5kN/m	-----	27.8 Mpa 103KN/m
Price (Compared with PVC as 100)	100	350 to 450	130 to 200
Piping applications	Water supply	Water/Hot-water supply	Water/Hot-water supply
Manufacturing method	Dip coating	Cross-linking after dip coating	Hybrid insert
Compatible piping	SU / SG	SU / SG	SU / SG / Various resins
Colors	Blue / Gray / Ivory / Black	Gray / Dark blue	AWJ blue / Tough poly blue / Gray

Item / Products	PVC(Dipping) U-Bolt	Cross-linking AC U-Bolt	Flat U-Bolt
			
Operating temperature range (In-house testing)	-20°C to +60°C	-18°C to +90°C	-60°C to +98°C
Resin softening temperature (Molded deformation)	60°C or above	95°C or above	148°C or above
Primary material	Flexible vinyl chloride (PVC)	Acrylic paste (AC)	Elastomer (TPE)
Plasticizer volatility	Volatile over 40°C	Slightly volatile after cross-linking	Very low at 98°C or below
Insulating coating Thickness	Approx. 1.0mm±0.2mm	Approx. 1.0mm±0.2mm	1.2mm
Tensioning Test (size100SU) Shimazu Corp. AG-100KNX plus	7.0 kN	7.0 kN	7.0 kN
Dielectric breakdown strength KV/mm (JIS G 3469)	20Kv/mm	20Kv/mm	23Kv/mm
Volume resistivity Ω (ASTM D 257)	1.6×10^{11}	1.9×10^{16}	1.7×10^{16}
Flame resistance (JIS K 6911)	Self-extinguishing	Late combustion	Late combustion
Weather resistance	Accept	Accept	Excellent Outdoor-use product available
Environmental component	Non	RoHS compliant	RoHS2 compliant
Chlorine content	Presence	Non	Non
Plasticizer	Phthalate ester	Phthalic acid	Mineral oil
Compatibility with other resins (Migration)	Poor	Poor	Excellent
Chemical resistance	Excellent	Good	Good
Resin Tension Mpa, Taring kN/m (JIS K 6251), (JIS K 6252)	17.8 Mpa 52.5kN/m	-----	27.8 Mpa 103KN/m
Price (Compared with PVC as 100)	100	350 to 450	130 to 200
Piping applications	Water supply	Water/Hot-water supply	Water/Hot-water supply
Manufacturing method	Dip coating	Cross-linking after dip coating	Hybrid insert
Compatible piping	SU/SG	SU/SG	SU/SG/Various resins
Colors	Blue / Gray / Ivory / Black	Gray / Dark blue	AWJ blue / Tough poly blue / Gray

FLAT Series

Compatible Pipe Supports Lineup for FLAT Series

SU				VP			
Stainless steel pipe thin-walled				Rigid polyvinyl chloride pipe	VP / VU	[JIS K6741]	
				Rigid polyvinyl chloride pip for water supply	VP / HIVP	[JIS K6742]	
				Rigid polyvinyl chloride pipe for heat-resistant	HT	[JIS K6776]	
				Recycled Rigid polyvinyl chloride pipe		[JIS K9798]	
Size				Size			
13SU [15.88]	✓	✓	✓	VP13 [18.0]	-	-	-
20SU [22.22]	✓	✓	✓	VP16 [22.0]	-	-	✓
25SU [28.58]	✓	✓	✓	VP20 [26.0]	-	-	✓
30SU [34.0]	✓	✓	✓	VP25 [32.0]	-	-	✓
40SU [42.7]	✓	✓	✓	VP30 [38.0]	-	-	✓
50SU [48.6]	✓	✓	✓	VP40 [48.0]	✓	✓	✓
60SU [60.5]	✓	✓	✓	VP50 [60.0]	✓	✓	✓
75SU [76.3]	✓	✓	✓	VP65 [76.0]	✓	✓	✓
80SU [89.1]	✓	✓	✓	VP75 [89.0]	✓	✓	✓
100SU [114.3]	✓	✓	✓	VP100 [114.0]	✓	✓	✓
125SU [139.8]	✓	✓	✓	VP125 [140.0]	✓	✓	✓
150SU [165.2]	✓	✓	✓	VP150 [165.0]	✓	✓	✓
200SU [216.3]	✓	✓	✓	VP200 [216.0]	✓	✓	✓
250SU [267.4]	✓	✓	✓	VP250 [267.0]	✓	✓	✓
300SU [318.5]	✓	✓	✓	VP300 [318.0]	✓	✓	✓

✓ To be released in 2025

FLAT Series

Compatible Pipe Supports Lineup for FLAT Series

SGP Stainless steel pipe thick-walled [JIS]				PE General polyethylene pipe [Class 1/ Class 2]			
				PE ESLON HYPER AW [JIS]			
Size				Size			
GP15 [21.7]	✓	✓	✓	PE20 [27.0]	✓	✓	✓
GP20 [27.2]	✓	✓	✓	PE25 [34.0]	✓	✓	✓
GP25 [34.0]	✓	✓	✓	PE30 [42.0]	✓	✓	✓
GP32 [42.7]	✓	✓	✓	PE40 [48.0]	✓	✓	✓
GP40 [48.6]	✓	✓	✓	PE50 [60.0]	✓	✓	✓
GP50 [60.5]	✓	✓	✓	PE65 [76.0]	✓	✓	✓
GP65 [76.3]	✓	✓	✓	PE75 [89.0]	✓	✓	✓
GP80 [89.1]	✓	✓	✓	PE100 [114.0]	✓	✓	✓
GP100 [114.3]	✓	✓	✓	PE125 [140.0]	✓	✓	✓
GP125 [139.8]	✓	✓	✓	PE150 [165.0]	✓	✓	✓
GP150 [165.2]	✓	✓	✓	PE200 [216.0]	✓	✓	✓
GP200 [216.3]	✓	✓	✓				
GP250 [267.4]	✓	✓	✓				
GP300 [318.5]	✓	✓	✓				

✓ To be released in 2025

FLAT Series

Compatible Pipe Supports Lineup for FLAT Series

TP Super Tough Poly [JWWA K144/JP K001(Class 3)] General polyethylene pipe [Class 3] [JIS K6761/JP K 003] Polyethylene pipe for water supply [Class 3 double layer] [JIS K6762/JP K 002]				PB Polybutene pipe [JIS K 6778 Class J]			
Size				Size			
TP20 [27.0]	✓	✓	✓	PB16 [22.0]	✓	✓	✓
TP25 [32.0]	✓	✓	✓	PB20 [27.0]	✓	✓	✓
TP30 [40.0]	✓	✓	✓	PB25 [34.0]	✓	✓	✓
TP40 [50.0]	✓	✓	✓	PB30 [42.0]	✓	✓	✓
TP50 [63.0]	✓	✓	✓	PB40 [48.0]	✓	✓	✓
TP65 [75.0]	✓	✓	✓	PB50 [60.0]	✓	✓	✓
TP75 [90.0]	✓	✓	✓	PB65 [76.0]	✓	✓	✓
TP100 [125.0]	✓	✓	✓	PB75 [89.0]	✓	✓	✓
TP125 [160.0]	✓	✓	✓	PB100 [114.0]	✓	✓	✓
TP150 [180.0]	✓	✓	✓				
TP200 [250.0]	✓	✓	✓				
TP250 [315.0]	✓	✓	✓				

✓ To be released in 2025

EL FLATBAND® EL Flat Pipe Hanger NH attached

9000

SU pipe for water supply [Stainless pipe thin-walled]

SU pipe for hot-water supply [Stainless pipe thin-walled]

Stainless pipe thin-walled

SU

PAT. 7253926 D. 1639482
PAT. 7343447

Unichrome EL Flat Pipe Hanger for outdoor use

✓RoHS2 Elastomer

Temperature range: -60°C to +98°C

- ✓ Tumbuckle: Trivalent unichromate plating
- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue

Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Flat U-Bolt

Stabilizer plate

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
SU10110-0013	13SU	15.88	25	0.6	W3/8	M6×25	27	61.8	1.2	28	72g	200	1 Box	\$2.42
SU10110-0020	20SU	22.22	↑	↑	↑	↑	↑	65.3	↑	↑	76g	200	↑	\$2.42
SU10110-0025	25SU	28.58	↑	↑	↑	↑	↑	68.6	↑	↑	80g	200	↑	\$2.58
SU10110-0030	30SU	34.0	↑	↑	↑	↑	↑	72.0	1.5	↑	85g	200	↑	\$2.75
SU10110-0040	40SU	42.7	↑	↑	↑	↑	↑	76.4	↑	↑	93g	160	↑	\$3.00
SU10110-0050	50SU	48.6	↑	↑	↑	↑	↑	79.4	↑	↑	95g	140	↑	\$3.25
SU10110-0060	60SU	60.5	↑	↑	↑	↑	↑	85.4	1.7	↑	105g	100	↑	\$3.58
SU10110-0075	75SU	76.3	↑	1.0	↑	M8×25	↑	95.4	2.0	↑	156g	80	↑	\$4.58
SU10110-0080	80SU	89.1	↑	↑	↑	↑	↑	101.8	↑	↑	165g	60	↑	\$5.17
SU10110-0100	100SU	114.3	↑	↑	↑	↑	↑	114.4	↑	↑	192g	40	↑	\$5.75
SU10110-0125	125SU	139.8	32	1.5	W1/2	M10×35	45	153.3	2.5	35	385g	20	↑	\$15.00
SU10110-0150	150SU	165.2	↑	↑	↑	↑	↑	166.1	↑	↑	423g	15	↑	\$18.17

Stainless steel Outdoor use EL Flat Pipe Hanger | **Hot-dip galvanized** Outdoor use EL Flat Pipe Hanger | **Stainless steel** Outdoor use EL FLAT Pipe Hanger

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue



- ✓ Tumbuckle: Hot-dip galvanized
- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10112-0013	13SU	200	\$5.92
SU10112-0020	20SU	200	\$5.92
SU10112-0025	25SU	200	\$6.33
SU10112-0030	30SU	200	\$6.75
SU10112-0040	40SU	160	\$7.42
SU10112-0050	50SU	140	\$7.83
SU10112-0060	60SU	100	\$8.50
SU10112-0075	75SU	80	\$9.58
SU10112-0080	80SU	60	\$10.33
SU10112-0100	100SU	40	\$11.42
SU10112-0125	125SU	20	\$40.83
SU10112-0150	150SU	15	\$48.00

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10115-0013	13SU	200	\$7.00
SU10115-0020	20SU	200	\$7.00
SU10115-0025	25SU	200	\$7.42
SU10115-0030	30SU	200	\$7.83
SU10115-0040	40SU	160	\$8.50
SU10115-0050	50SU	140	\$9.00
SU10115-0060	60SU	100	\$9.58
SU10115-0075	75SU	80	\$10.67
SU10115-0080	80SU	60	\$11.42
SU10115-0100	100SU	40	\$12.50
SU10115-0125	125SU	20	\$42.00
SU10115-0150	150SU	15	\$49.50

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10114-0013	13SU	200	\$7.00
SU10114-0020	20SU	200	\$7.00
SU10114-0025	25SU	200	\$7.42
SU10114-0030	30SU	200	\$7.83
SU10114-0040	40SU	160	\$8.50
SU10114-0050	50SU	140	\$9.00
SU10114-0060	60SU	100	\$9.58
SU10114-0075	75SU	80	\$10.67
SU10114-0080	80SU	60	\$11.42
SU10114-0100	100SU	40	\$12.50
SU10114-0125	125SU	20	\$42.00
SU10114-0150	150SU	15	\$49.50

EL FLATBAND[®] EL Flat Pipe Supporter NH attached

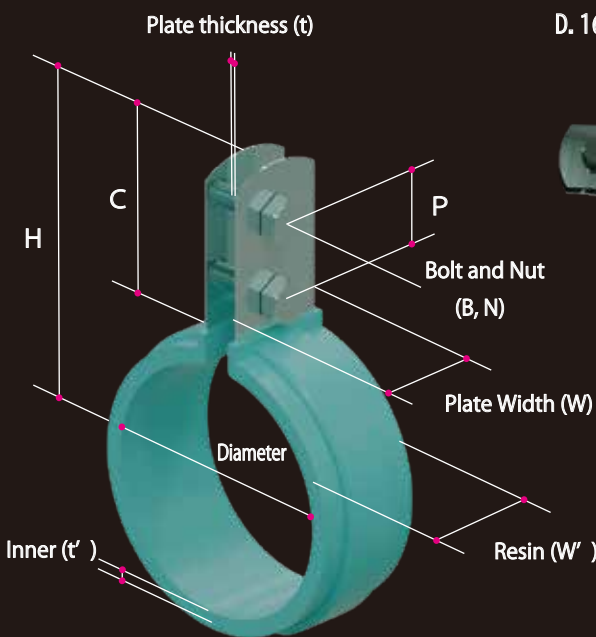
9001

Unichrome EL Flat Pipe Supporter for outdoor use

PAT. 7253926
PAT. 7343447
D. 1639482

Stainless pipe thin-walled

SU



Elastomer

✓RoHS2

-60°C ●●●●● ●●●●● +98°C

- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue

2D CAD

3D CAD

Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
SU10210-0013	13SU	15.88	25	0.6	20	M6×20	47	55.0	1.2	28	39g	200	1 Box	\$2.33
SU10210-0020	20SU	22.22	↑	↑	↑	↑	↑	58.5	↑	↑	44g	200	↑	\$2.33
SU10210-0025	25SU	28.58	↑	↑	↑	↑	↑	61.8	↑	↑	47g	200	↑	\$2.50
SU10210-0030	30SU	34.0	↑	↑	↑	↑	↑	64.9	1.5	↑	52g	200	↑	\$2.67
SU10210-0040	40SU	42.7	↑	↑	↑	↑	↑	69.4	↑	↑	60g	160	↑	\$2.92
SU10210-0050	50SU	48.6	↑	↑	↑	↑	↑	72.4	↑	↑	63g	140	↑	\$3.17
SU10210-0060	60SU	60.5	↑	↑	↑	↑	↑	78.6	1.7	↑	72g	100	↑	\$3.50
SU10210-0075	75SU	76.3	↑	1.0	↑	↑	↑	87.8	2.0	↑	112g	60	↑	\$4.50
SU10210-0080	80SU	89.1	↑	↑	↑	↑	↑	94.3	↑	↑	125g	50	↑	\$5.08
SU10210-0100	100SU	114.3	↑	↑	↑	↑	↑	106.9	↑	↑	149g	30	↑	\$5.67
SU10210-0125	125SU	139.8	32	1.5	25	M10×35	65	138.3	2.5	35	314g	20	↑	\$14.67
SU10210-0150	150SU	165.2	↑	↑	↑	↑	↑	151.0	↑	↑	350g	15	↑	\$17.67

Stainless steel Outdoor use EL Flat Pipe Supporter **Hot-dip galvanized Outdoor use** EL Flat Pipe Supporter **Stainless steel Outdoor use** EL FLAT Pipe Supporter

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10211-0013	13SU	200	\$5.58
SU10211-0020	20SU	200	\$5.58
SU10211-0025	25SU	200	\$6.00
SU10211-0030	30SU	180	\$6.42
SU10211-0040	40SU	160	\$7.08
SU10211-0050	50SU	140	\$7.50
SU10211-0060	60SU	100	\$8.17
SU10211-0075	75SU	60	\$9.08
SU10211-0080	80SU	50	\$9.92
SU10211-0100	100SU	30	\$10.92
SU10211-0125	125SU	20	\$39.58
SU10211-0150	150SU	15	\$46.67

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10215-0013	13SU	200	\$6.67
SU10215-0020	20SU	200	\$6.67
SU10215-0025	25SU	200	\$7.17
SU10215-0030	30SU	180	\$7.58
SU10215-0040	40SU	160	\$8.25
SU10215-0050	50SU	140	\$8.67
SU10215-0060	60SU	100	\$9.33
SU10215-0075	75SU	60	\$10.42
SU10215-0080	80SU	50	\$11.17
SU10215-0100	100SU	30	\$12.25
SU10215-0125	125SU	20	\$41.58
SU10215-0150	150SU	15	\$49.08

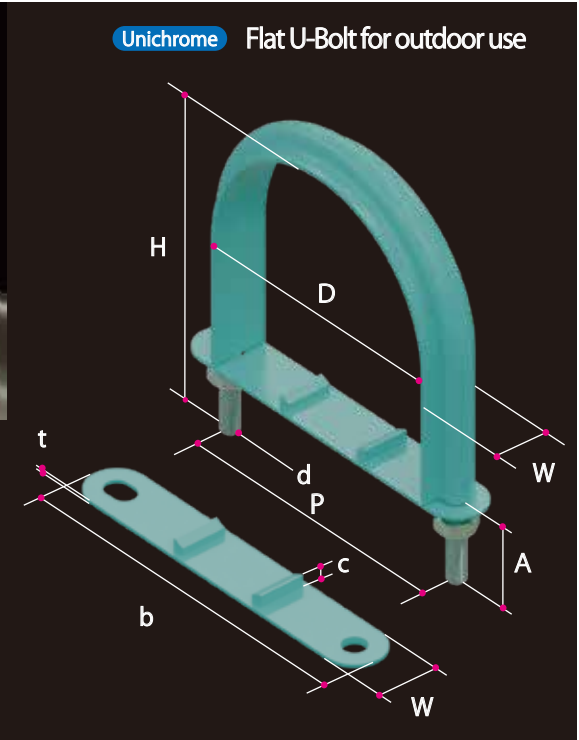
Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10214-0013	13SU	200	\$6.67
SU10214-0020	20SU	200	\$6.67
SU10214-0025	25SU	200	\$7.17
SU10214-0030	30SU	180	\$7.58
SU10214-0040	40SU	160	\$8.25
SU10214-0050	50SU	140	\$8.67
SU10214-0060	60SU	100	\$9.33
SU10214-0075	75SU	60	\$10.42
SU10214-0080	80SU	50	\$11.17
SU10214-0100	100SU	30	\$12.25
SU10214-0125	125SU	20	\$41.58
SU10214-0150	150SU	15	\$49.08

FLATUBOLT® Flat U-Bolt

9002

SU pipe for water supply [Stainless pipe thin-walled]

SU pipe for hot-water supply [Stainless pipe thin-walled]



-60°C ●●●●●●●●●●● +98°C



- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ blue

Chlorine FREE in main material

FLATUBOLT is the Trademark of AWJ Co., Ltd.

Unichrome Product No.	SU Type	Flat U-Bolt						Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	W	b	C	t				
SU10340-0013	13SU	15.88	28	W3/8	46	23	25	53.5	7	1.5	g	350	1 Box	\$1.67
SU10340-0020	20SU	22.22	34	↑	54	26	↑	59.5	↑	↑	g	300	↑	\$1.75
SU10340-0025	25SU	28.58	40	↑	60	↑	↑	66.5	↑	↑	g	200	↑	\$1.83
SU10340-0030	30SU	34.0	46	↑	66	↑	↑	72.5	↑	↑	g	200	↑	\$2.00
SU10340-0040	40SU	42.7	56	↑	75	25	↑	83	7.5	↑	g	150	↑	\$2.33
SU10340-0050	50SU	48.7	62	↑	81	↑	↑	89	↑	↑	g	120	↑	\$2.58
SU10340-0060	60SU	60.5	74	↑	93	↑	↑	101	↑	↑	g	90	↑	\$2.75
SU10340-0075	75SU	76.3	88	↑	113	30	↑	116	↑	↑	g	70	↑	\$3.17
SU10340-0080	80SU	89.1	101	↑	126	↑	↑	129	8.5	↑	g	55	↑	\$3.75
SU10340-0100	100SU	114.3	126	↑	151	↑	↑	154	↑	↑	g	40	↑	\$4.50
SU10340-0125	125SU	139.8	154	W1/2	187	40	30	190	9.8	1.8	g	15	↑	\$10.50
SU10340-0150	150SU	165.2	182	↑	214	↑	↑	218	↑	↑	g	15	↑	\$13.42
SU10340-0200	200SU	216.3	232	↑	264	↑	↑	268	↑	↑	g	7	↑	\$17.42
SU10340-0250	250SU	267.4	286	W5/8	330	55	40	331	11	2.0	g	8	↑	\$34.67
SU10340-0300	300SU	318.5	341	↑	391	65	↑	386	↑	↑	g	7	↑	\$41.50

Stainless steel Outdoor use Flat U-Bolt

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ Blue



Hot-dip galvanized Outdoor use Flat U-Bolt

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Outdoor use FLAT U-BOLT

- ✓ U Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10342-0013	13SU	350	\$4.50
SU10342-0020	20SU	300	\$4.50
SU10342-0025	25SU	200	\$5.25
SU10342-0030	30SU	200	\$5.42
SU10342-0040	40SU	150	\$6.67
SU10342-0050	50SU	120	\$7.17
SU10342-0060	60SU	90	\$7.83
SU10342-0075	75SU	70	\$8.92
SU10342-0080	80SU	55	\$10.00
SU10342-0100	100SU	40	\$12.25
SU10342-0125	125SU	15	\$28.50
SU10342-0150	150SU	15	\$35.25
SU10342-0200	200SU	7	\$45.67
SU10342-0250	250SU	8	\$95.67
SU10342-0300	300SU	7	\$143.50

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10358-0013	13SU	350	\$4.92
SU10358-0020	20SU	300	\$5.00
SU10358-0025	25SU	200	\$5.58
SU10358-0030	30SU	200	\$6.08
SU10358-0040	40SU	150	\$7.08
SU10358-0050	50SU	120	\$7.75
SU10358-0060	60SU	90	\$8.25
SU10358-0075	75SU	70	\$9.33
SU10358-0080	80SU	55	\$11.00
SU10358-0100	100SU	40	\$12.58
SU10358-0125	125SU	15	\$30.58
SU10358-0150	150SU	15	\$37.67
SU10358-0200	200SU	7	\$51.50
SU10358-0250	250SU	8	\$101.00
SU10358-0300	300SU	7	\$148.75

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
SU10343-0013	13SU	350	\$4.92
SU10343-0020	20SU	300	\$5.00
SU10343-0025	25SU	200	\$5.58
SU10343-0030	30SU	200	\$6.08
SU10343-0040	40SU	150	\$7.08
SU10343-0050	50SU	120	\$7.75
SU10343-0060	60SU	90	\$8.25
SU10343-0075	75SU	70	\$9.33
SU10343-0080	80SU	55	\$11.00
SU10343-0100	100SU	40	\$12.58
SU10343-0125	125SU	15	\$30.58
SU10343-0150	150SU	15	\$37.67
SU10343-0200	200SU	7	\$51.50
SU10343-0250	250SU	8	\$101.00
SU10343-0300	300SU	7	\$148.75

FLATUBOLT® Flat U-Bolt High length +30,+50

9003

Unichrome Flat U-Bolt High length +30,+50 **PAT. 7057244** *Stainless pipe thin-walled*

SU

Elastomer ✓RoHS2

Temperature range: -60°C to +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue

2D CAD 3D CAD

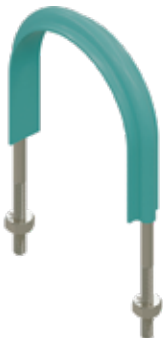
Chlorine FREE in main material

FLATUBOLT trademarked by AWJ co., Ltd.

Unichrome		SU Type	Flat U-Bolt High length				+30		+50		Weight	Qty.	Shipping Unit	MSRP per PCS	
Product No. [+30]	[+50]		D	P	d	W	H	A	H	A				[+30]	[+50]
SU10349-0203	-0205	20SU	22.22	34	W3/8	25	74	50	94	50	g	200	\$6.50	\$6.75	
SU10349-0253	-0255	25SU	28.58	40			79		99	66	g	200	\$6.92	\$7.00	
SU10349-0303	-0305	30SU	34.0	46			87		107		g	200	\$7.17	\$7.33	
SU10349-0403	-0405	40SU	42.7	56			96		116		g	180	\$7.42	\$7.50	
SU10349-0503	-0505	50SU	48.7	62			102		122		g	150	\$7.58	\$7.67	
SU10349-0603	-0605	60SU	60.5	74			113		133		g	120	\$7.75	\$7.83	
SU10349-0753	-0755	75SU	76.3	88			135	55	155		g	100	\$8.33	\$8.42	
SU10349-0803	-0805	80SU	89.1	101			145		165		g	80	\$8.75	\$8.92	
SU10349-1003	-1005	100SU	114.3	126			173		193		g	50	\$9.50	\$9.58	
SU10349-1253	-1255	125SU	139.8	154	W1/2	30	204	65	224	65	g	30	\$21.08	\$22.00	
SU10349-1503	-1505	150SU	165.2	182			228		248		g	25	\$23.98	\$24.83	
SU10349-2003	-2005	200SU	216.3	232			280		300		g	20	\$28.58	\$29.58	
SU10349-2503	-2505	250SU	267.4	286	W5/8	40	336	80	356	80	g	15	\$39.75	\$40.67	
SU10349-3003	-3005	300SU	318.5	341			396	90	416	90	g	10	\$47.33	\$48.25	

Outdoor use Flat U-Bolt High length +30,+50

- Stainless steel**
- ✓ U-Bolt body: SUS304
 - ✓ Nut: SUS304
 - ✓ Insulating resin: Elastomer (TPE)
 - ✓ Resin color: AWJ Blue



Stainless steel		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
SU10350-0203	-0205	\$12.42	\$14.50
SU10350-0253	-0255	\$12.75	\$14.75
SU10350-0303	-0305	\$12.92	\$14.83
SU10350-0403	-0405	\$15.33	\$15.67
SU10350-0503	-0505	\$15.83	\$16.25
SU10350-0603	-0605	\$16.25	\$16.58
SU10350-0753	-0755	\$17.00	\$17.33
SU10350-0803	-0805	\$17.83	\$18.00
SU10350-1003	-1005	\$18.33	\$19.08
SU10350-1253	-1255	\$39.17	\$40.25
SU10350-1503	-1505	\$47.75	\$50.00
SU10350-2003	-2005	\$51.50	\$53.17
SU10350-2503	-2505	\$122.25	\$141.25
SU10350-3003	-3005	\$175.42	\$175.42

Outdoor use Flat U-Bolt High length +30,+50

- Hot-dip galvanized**
- ✓ U-Bolt body: Hot-dip galvanized
 - ✓ Nut: Hot-dip galvanized
 - ✓ Insulating resin: Elastomer (TPE)
 - ✓ Resin color: Outdoor Black



Hot-dip galvanized		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
SU10359-0203	-0205	\$12.75	\$14.83
SU10359-0253	-0255	\$14.83	\$15.33
SU10359-0303	-0305	\$15.33	\$15.92
SU10359-0403	-0405	\$15.92	\$16.50
SU10359-0503	-0505	\$16.50	\$17.00
SU10359-0603	-0605	\$17.00	\$17.50
SU10359-0753	-0755	\$17.50	\$18.08
SU10359-0803	-0805	\$18.67	\$19.17
SU10359-1003	-1005	\$19.75	\$20.33
SU10359-1253	-1255	\$40.25	\$41.42
SU10359-1503	-1505	\$48.83	\$51.00
SU10359-2003	-2005	\$52.67	\$54.25
SU10359-2503	-2505	\$125.42	\$136.00
SU10359-3003	-3005	\$186.00	\$191.25

Outdoor use Flat U-Bolt High length +30,+50

- Stainless steel**
- ✓ U-Bolt body: SUS304
 - ✓ Nut: SUS304
 - ✓ Insulating resin: Elastomer (TPE)
 - ✓ Resin color: Outdoor Black



Outdoor use Stainless		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
SU10354-0203	-0205	\$12.75	\$14.83
SU10354-0253	-0255	\$14.83	\$15.33
SU10354-0303	-0305	\$15.33	\$15.92
SU10354-0403	-0405	\$15.92	\$16.50
SU10354-0503	-0505	\$16.50	\$17.00
SU10354-0603	-0605	\$17.00	\$17.50
SU10354-0753	-0755	\$17.50	\$18.08
SU10354-0803	-0805	\$18.67	\$19.17
SU10354-1003	-1005	\$19.75	\$20.33
SU10354-1253	-1255	\$40.25	\$41.42
SU10354-1503	-1505	\$48.83	\$51.00
SU10354-2003	-2005	\$52.67	\$54.25
SU10354-2503	-2505	\$125.42	\$136.00
SU10354-3003	-3005	\$186.00	\$191.25

SU pipe for water supply [Stainless pipe thin-walled] SU pipe for hot-water supply [Stainless pipe thin-walled]

FLATBAND[®] EL Flat Pipe Hanger NH attached

9004

VP pipe for water supply [Rigid PVC pipe]

VP pipe for drainage [Rigid PVC pipe]

Rigid PVC Pipe

PAT. 7253926 D. 1639482
PAT. 7343447

Unichrome EL Flat pipe hanger for outdoor use

VP

✓RoHS2 Elastomer

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

-60°C +98°C

- ✓ Tumbuckle: Trivalent unichromate plating
- ✓ Bolt and nut: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: VP Gray

FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
VP10110-0040	40	48	25	0.6	W3/8	M6×25	27	79.4	1.5	28	95g	140	1 Box	\$3.25
VP10110-0050	50	60	↑	↑	↑	↑	↑	85.4	1.7	↑	105g	100	↑	\$3.58
VP10110-0065	65	76	↑	1.0	↑	M8×25	↑	95.4	2.0	↑	156g	80	↑	\$4.58
VP10110-0075	75	89	↑	↑	↑	↑	↑	101.8	↑	↑	165g	60	↑	\$5.17
VP10110-0100	100	114	↑	↑	↑	↑	↑	114.4	↑	↑	192g	40	↑	\$5.75
VP10110-0125	125	139	32	1.5	W1/2	M10×35	45	153.3	2.5	35	385g	20	↑	\$15.00
VP10110-0150	150	165	↑	↑	↑	↑	↑	166.1	↑	↑	423g	15	↑	\$18.17

Stainless steel Outdoor use EL Flat Pipe Hanger **Hot-dip galvanized Outdoor use** EL Flat Pipe Hanger **Stainless steel Outdoor use** EL FLAT Pipe Hanger

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: VP Gray

- ✓ Tumbuckle: Hot-dip galvanized
- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10112-0040	40	140	\$7.83
VP10112-0050	50	100	\$8.50
VP10112-0065	65	80	\$9.58
VP10112-0075	75	60	\$10.33
VP10112-0100	100	40	\$11.50
VP10112-0125	125	20	\$40.83
VP10112-0150	150	15	\$48.00

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10115-0040	40	140	\$9.00
VP10115-0050	50	100	\$9.58
VP10115-0065	65	80	\$10.67
VP10115-0075	75	60	\$11.42
VP10115-0100	100	40	\$12.50
VP10115-0125	125	20	\$42.00
VP10115-0150	150	15	\$49.50

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10114-0040	40	140	\$9.00
VP10114-0050	50	100	\$9.58
VP10114-0065	65	80	\$10.67
VP10114-0075	75	60	\$11.42
VP10114-0100	100	40	\$12.50
VP10114-0125	125	20	\$42.00
VP10114-0150	150	15	\$49.50

EL FLATBAND® EL Flat Pipe Supporter NH attached

9005

Unichrome EL Flat pipe supporter for outdoor use PAT. 7253926 PAT. 7343447 D. 1639482

Rigid PVC Pipe
VP

Temperature range: -60°C to +98°C

- ✓ Bolt and Nut: Trivalent unichromate plating
- ✓ Band body: SUS430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: VP Gray

Elastomer ✓RoHS2
Rebro
2D CAD 3D CAD
Chlorine FREE in main material

FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
VP10210-0040	40	48	25	0.6	20	M6×20	47	72.4	1.5	28	63g	140	1 Box	\$3.17
VP10210-0050	50	60	↑	↑	↑	↑	↑	78.6	1.7	↑	72g	100	↑	\$3.50
VP10210-0065	65	76	↑	1.0	↑	↑	↑	87.8	2.0	↑	112g	60	↑	\$4.50
VP10210-0075	75	89	↑	↑	↑	↑	↑	94.3	↑	↑	125g	50	↑	\$5.08
VP10210-0100	100	114	↑	↑	↑	↑	↑	106.9	↑	↑	149g	30	↑	\$5.75
VP10210-0125	125	139	32	1.5	25	M10×35	65	138.3	2.5	35	314g	20	↑	\$14.67
VP10210-0150	150	165	↑	↑	↑	↑	↑	151.0	↑	↑	350g	15	↑	\$17.67

Stainless steel Outdoor use EL Flat Pipe Supporter **Hot-dip galvanized** Outdoor use EL Flat Pipe Supporter **Stainless steel** Outdoor use EL FLAT Pipe Supporter

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: VP Gray

- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10211-0040	40	140	\$7.42
VP10211-0050	50	100	\$8.08
VP10211-0065	65	60	\$9.08
VP10211-0075	75	50	\$9.83
VP10211-0100	100	30	\$10.83
VP10211-0125	125	20	\$39.33
VP10211-0150	150	15	\$45.83

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10215-0040	40	140	\$8.58
VP10215-0050	50	100	\$9.25
VP10215-0065	65	60	\$10.33
VP10215-0075	75	50	\$11.17
VP10215-0100	100	30	\$12.17
VP10215-0125	125	20	\$41.50
VP10215-0150	150	15	\$48.92

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10214-0040	40	140	\$8.58
VP10214-0050	50	100	\$9.25
VP10214-0065	65	60	\$10.33
VP10214-0075	75	50	\$11.17
VP10214-0100	100	30	\$12.17
VP10214-0125	125	20	\$41.50
VP10214-0150	150	15	\$48.92

FLATUBOLT® Flat U-Bolt

9006

VP pipe for water supply [Rigid PVC pipe]

VP pipe for drainage [Rigid PVC pipe]

Rigid PVC Pipe

VP

✓RoHS2 Elastomer

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

-60°C +98°C

- ✓ U-bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer Plate: Elastomer (TPE)
- ✓ Resin color: VP Gray

Unichrome Flat U-Bolt for outdoor use

FLATUBOLT trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Flat U-Bolt						Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	W	b	C	t				
VP10340-0016	16	22	34	W3/8	54	26	25	59.7	7	1.5	9	300	1 Box	\$1.75
VP10340-0020	20	26	40	↑	60	↑	↑	66.5	↑	↑	9	200	↑	\$1.83
VP10340-0025	25	32	46	↑	66	↑	↑	72.5	↑	↑	9	200	↑	\$2.00
VP10340-0030	30	38	49	↑	70	25	↑	75.5	7.5	↑	9	150	↑	\$2.33
VP10340-0040	40	48	62	↑	81	↑	↑	89	↑	↑	9	120	↑	\$2.58
VP10340-0050	50	60	74	↑	93	↑	↑	101	↑	↑	9	90	↑	\$2.75
VP10340-0065	65	76	88	↑	113	30	↑	116	↑	↑	9	70	↑	\$3.17
VP10340-0075	75	89	101	↑	126	↑	↑	129	8.5	↑	9	55	↑	\$3.75
VP10340-0100	100	114	126	↑	151	↑	↑	154	↑	↑	9	40	↑	\$4.50
VP10340-0125	125	139	154	W1/2	187	40	30	190	9.8	1.8	9	15	↑	\$10.50
VP10340-0150	150	165	182	↑	214	↑	↑	218	↑	↑	9	15	↑	\$13.42
VP10340-0200	200	216	232	↑	264	↑	↑	268	↑	↑	9	7	↑	\$17.33
VP10340-0250	250	267	286	W5/8	330	55	40	331	11	2.0	9	8	↑	\$34.67
VP10340-0300	300	318	341	↑	391	65	↑	386	↑	↑	9	7	↑	\$41.50

Stainless steel Outdoor use Flat U-Bolt

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: VP Gray



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10342-0016	16	300	\$4.67
VP10342-0020	20	200	\$5.25
VP10342-0025	25	200	\$5.58
VP10342-0030	30	150	\$6.67
VP10342-0040	40	120	\$7.33
VP10342-0050	50	90	\$7.83
VP10342-0065	65	70	\$9.08
VP10342-0075	75	55	\$10.00
VP10342-0100	100	40	\$12.25
VP10342-0125	125	15	\$28.50
VP10342-0150	150	15	\$35.25
VP10342-0200	200	7	\$45.75
VP10342-0250	250	8	\$95.67
VP10342-0300	300	7	\$143.50

Hot-dip galvanized Outdoor use Flat U-Bolt

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10358-0016	16	300	\$5.08
VP10358-0020	20	200	\$5.58
VP10358-0025	25	200	\$6.08
VP10358-0030	30	150	\$7.17
VP10358-0040	40	120	\$7.75
VP10358-0050	50	90	\$8.25
VP10358-0065	65	70	\$9.33
VP10358-0075	75	55	\$11.00
VP10358-0100	100	40	\$12.67
VP10358-0125	125	15	\$30.58
VP10358-0150	150	15	\$37.67
VP10358-0200	200	7	\$51.50
VP10358-0250	250	8	\$101.00
VP10358-0300	300	7	\$148.75

Stainless steel Outdoor use FLAT U-BOLT

- ✓ U Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
VP10343-0016	16	300	\$5.08
VP10343-0020	20	200	\$5.58
VP10343-0025	25	200	\$6.08
VP10343-0030	30	150	\$7.17
VP10343-0040	40	120	\$7.75
VP10343-0050	50	90	\$8.25
VP10343-0065	65	70	\$9.33
VP10343-0075	75	55	\$11.00
VP10343-0100	100	40	\$12.67
VP10343-0125	125	15	\$30.58
VP10343-0150	150	15	\$37.67
VP10343-0200	200	7	\$51.50
VP10343-0250	250	8	\$101.00
VP10343-0300	300	7	\$148.75

FLATUBOLT® Flat U-Bolt High length +30,+50

9007

Unichrome Flat U-Bolt High length +30,+50 PAT. 7057244 Rigid PVC Pipe

VP

Elastomer ✓ RoHS2

Rebro
2D CAD 3D CAD

● ● ● ● ● ● ● ● ● ● ●
 -60°C +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: VP Gray

Chlorine FREE in main material

FLATUBOLT trademarked by AWJ co., Ltd.

Unichrome		SU Type	Flat U-Bolt High length								Weight		Qty.	Shipping Unit	MSRP per PCS	
Product No. [+30]	[+50]	V P	D	P	d	W	H	A	H	A	[+30]	[+50]				
VP10349-0163	-0165	16	22	34	W3/8	25	73	50	93	50	9	200	\$6.50	\$6.75		
VP10349-0203	-0205	20	26	40			78		98	66	9	200	\$6.92	\$7.00		
VP10349-0253	-0255	25	32	46			87		107		9	200	\$7.17	\$7.33		
VP10349-0303	-0305	30	38	49			91		111		9	180	\$7.42	\$7.50		
VP10349-0403	-0405	40	48	62			102		122		9	150	\$7.58	\$7.67		
VP10349-0503	-0505	50	60	74			113		133		9	120	\$7.75	\$7.83		
VP10349-0653	-0655	65	76	88			135	55	155		9	100	\$8.33	\$8.42		
VP10349-0753	-0755	75	89	101			145		165		9	80	\$8.75	\$8.83		
VP10349-1003	-1005	100	114	126			173		193		9	50	\$9.50	\$9.58		
VP10349-1253	-1255	125	139	154	W1/2	30	204	65	224	65	9	30	\$21.08	\$22.00		
VP10349-1503	-1505	150	165	182			228		248		9	25	\$23.98	\$24.83		
VP10349-2003	-2005	200	216	232			280		300		9	20	\$28.58	\$29.58		
VP10349-2503	-2505	250	267	286	W5/8	40	336	80	356	80	9	15	\$39.75	\$40.67		
VP10349-3003	-3005	300	318	341			396	90	416	90	9	10	\$47.33	\$48.25		

Outdoor use Flat U-Bolt High length +30,+50

- Stainless steel**
- ✓ U-Bolt body: SUS304
 - ✓ Nut: SUS304
 - ✓ Insulating resin: Elastomer (TPE)
 - ✓ Resin color: VP Gray



Product No. [+30]	[+50]	MSRP per PCS	
		[+30]	[+50]
VP10350-0163	-0165	\$14.00	\$14.50
VP10350-0203	-0205	\$12.75	\$14.75
VP10350-0253	-0255	\$12.92	\$14.83
VP10350-0303	-0305	\$15.33	\$15.67
VP10350-0403	-0405	\$15.83	\$16.25
VP10350-0503	-0505	\$16.25	\$16.58
VP10350-0653	-0655	\$17.00	\$17.33
VP10350-0753	-0755	\$17.83	\$18.00
VP10350-1003	-1005	\$18.33	\$19.08
VP10350-1253	-1255	\$39.17	\$40.25
VP10350-1503	-1505	\$47.75	\$50.00
VP10350-2003	-2005	\$51.50	\$53.17
VP10350-2503	-2505	\$122.25	\$141.25
VP10350-3003	-3005	\$175.42	\$175.42

Outdoor use Flat U-Bolt High length +30,+50

- Hot-dip galvanized**
- ✓ U-Bolt body: Hot-dip galvanized
 - ✓ Nut: Hot-dip galvanized
 - ✓ Insulating resin: Elastomer (TPE)
 - ✓ Resin color: Outdoor Black



Product No. [+30]	[+50]	MSRP per PCS	
		[+30]	[+50]
VP10359-0163	-0165	\$14.33	\$14.83
VP10359-0203	-0205	\$14.83	\$15.33
VP10359-0253	-0255	\$15.33	\$15.92
VP10359-0303	-0305	\$15.92	\$16.50
VP10359-0403	-0405	\$16.50	\$17.00
VP10359-0503	-0505	\$17.00	\$17.50
VP10359-0653	-0655	\$17.50	\$18.08
VP10359-0753	-0755	\$18.67	\$19.17
VP10359-1003	-1005	\$19.75	\$20.33
VP10359-1253	-1255	\$40.25	\$41.42
VP10359-1503	-1505	\$48.83	\$51.00
VP10359-2003	-2005	\$52.67	\$54.25
VP10359-2503	-2505	\$125.42	\$136.00
VP10359-3003	-3005	\$186.00	\$191.25

Outdoor use Flat U-Bolt High length +30,+50

- Stainless steel**
- ✓ U-Bolt body: SUS304
 - ✓ Nut: SUS304
 - ✓ Insulating resin: Elastomer (TPE)
 - ✓ Resin color: Outdoor Black



Product No. [+30]	[+50]	MSRP per PCS	
		[+30]	[+50]
VP10354-0163	-0165	\$14.33	\$14.83
VP10354-0203	-0205	\$14.83	\$15.33
VP10354-0253	-0255	\$15.33	\$15.92
VP10354-0303	-0305	\$15.92	\$16.50
VP10354-0403	-0405	\$16.50	\$17.00
VP10354-0503	-0505	\$17.00	\$17.50
VP10354-0653	-0655	\$17.50	\$18.08
VP10354-0753	-0755	\$18.67	\$19.17
VP10354-1003	-1005	\$19.75	\$20.33
VP10354-1253	-1255	\$40.25	\$41.42
VP10354-1503	-1505	\$48.83	\$51.00
VP10354-2003	-2005	\$52.67	\$54.25
VP10354-2503	-2505	\$125.42	\$136.00
VP10354-3003	-3005	\$186.00	\$191.25

VP pipe for water supply [Rigid PVC pipe]

VP pipe for drainage [Rigid PVC pipe]

FLATBAND[®] EL Flat Pipe Hanger NH attached

9008

SGP pipe for water supply [Stainless pipe]

SGP pipe for hot-water supply [Stainless pipe]

Stainless pipe

SG

PAT. 7253926 D. 1639482
PAT. 7343447

Unichrome EL Flat Pipe Hanger for outdoor use

✓RoHS2 Elastomer

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

-60°C +98°C

- ✓ Tumbuckle: Trivalent unichromate plating
- ✓ Bolt and nut: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
SG10110-0015	15A	21.7	25	0.6	W3/8	M6×25	27	65.3	1.2	28	76g	200	1 Box	\$2.75
SG10110-0020	25A	27.2	↑	↑	↑	↑	↑	68.6	↑	↑	80g	200	↑	\$2.75
SG10110-0025	25A	34.0	↑	↑	↑	↑	↑	72.0	1.5	↑	85g	200	↑	\$2.75
SG10110-0032	32A	42.7	↑	↑	↑	↑	↑	76.4	↑	↑	93g	160	↑	\$3.00
SG10110-0040	40A	48.6	↑	↑	↑	↑	↑	79.4	↑	↑	95g	140	↑	\$3.25
SG10110-0050	50A	60.5	↑	↑	↑	↑	↑	85.4	1.7	↑	105g	100	↑	\$3.58
SG10110-0065	65A	76.3	↑	1.0	↑	M8×25	↑	95.4	2.0	↑	156g	80	↑	\$4.58
SG10110-0080	80A	89.1	↑	↑	↑	↑	↑	101.8	↑	↑	165g	60	↑	\$5.17
SG10110-0100	100A	114.3	↑	↑	↑	↑	↑	114.4	↑	↑	192g	40	↑	\$5.75
SG10110-0125	125A	139.8	32	1.5	W1/2	M10×35	45	153.3	2.5	35	385g	20	↑	\$15.00
SG10110-0150	150A	165.2	↑	↑	↑	↑	↑	166.1	↑	↑	423g	15	↑	\$18.17

Stainless steel Outdoor use EL Flat Pipe Hanger **Hot-dip galvanized** Outdoor use EL Flat Pipe Hanger **Stainless steel** Outdoor use EL FLAT Pipe Hanger

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

- ✓ Tumbuckle: Hot-dip galvanized
- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10112-0015	15A	200	\$6.75
SG10112-0020	20A	200	\$6.75
SG10112-0025	25A	200	\$6.75
SG10112-0032	32A	160	\$7.42
SG10112-0040	40A	140	\$7.83
SG10112-0050	50A	100	\$8.50
SG10112-0060	65A	80	\$9.58
SG10112-0080	80A	60	\$10.33
SG10112-0100	100A	40	\$11.42
SG10112-0125	125A	20	\$40.83
SG10112-0150	150A	15	\$48.00

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10115-0015	15A	200	\$7.42
SG10115-0020	20A	200	\$7.42
SG10115-0025	25A	200	\$7.83
SG10115-0032	32A	160	\$8.50
SG10115-0040	40A	140	\$9.00
SG10115-0050	50A	100	\$9.58
SG10115-0065	65A	80	\$10.67
SG10115-0080	80A	60	\$11.42
SG10115-0100	100A	40	\$12.50
SG10115-0125	125A	20	\$42.00
SG10115-0150	150A	15	\$49.50

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10114-0015	15A	200	\$7.42
SG10114-0020	20A	200	\$7.42
SG10114-0025	25A	200	\$7.83
SG10114-0032	32A	160	\$8.50
SG10114-0040	40A	140	\$9.00
SG10114-0050	50A	100	\$9.58
SG10114-0065	65A	80	\$10.67
SG10114-0080	80A	60	\$11.42
SG10114-0100	100A	40	\$12.50
SG10114-0125	125A	20	\$42.00
SG10114-0150	150A	15	\$49.50

EL FLATBAND[®] EL Flat Pipe Supporter NH attached

9010

Unichrome EL Flat Pipe Supporter for outdoor use PAT. 7253926
PAT. 7343447
D. 1639482

Stainless pipe
SG

Elastomer ✓RoHS2
Rebro[®]
2D CAD 3D CAD
-60°C +98°C
✓ Bolt: Trivalent unichromate plating
✓ Band body: SUS 430
✓ Insulating resin: Elastomer (TPE)
✓ Resin color: AWJ blue
Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
SG10210-0015	15A	21.7	25	0.6	20	M6×20	47	58.2	1.2	28	44g	200	1 Box	\$2.67
SG10210-0020	20A	27.2	↑	↑	↑	↑	↑	61.1	↑	↑	47g	200	↑	\$2.67
SG10210-0025	25A	34.0	↑	↑	↑	↑	↑	64.9	1.5	↑	52g	200	↑	\$2.67
SG10210-0032	32A	42.7	↑	↑	↑	↑	↑	69.4	↑	↑	60g	160	↑	\$2.92
SG10210-0040	40A	48.6	↑	↑	↑	↑	↑	72.4	↑	↑	63g	140	↑	\$3.17
SG10210-0050	50A	60.5	↑	↑	↑	↑	↑	78.6	1.7	↑	72g	100	↑	\$3.50
SG10210-0065	65A	76.3	↑	1.0	↑	↑	↑	87.8	2.0	↑	112g	60	↑	\$4.50
SG10210-0080	80A	89.1	↑	↑	↑	↑	↑	94.3	↑	↑	125g	50	↑	\$5.08
SG10210-0100	100A	114.3	↑	↑	↑	↑	↑	106.9	↑	↑	149g	30	↑	\$5.67
SG10210-0125	125A	139.8	32	1.5	25	M10×35	65	138.3	2.5	35	314g	20	↑	\$14.67
SG10210-0150	150A	165.2	↑	↑	↑	↑	↑	151.0	↑	↑	350g	15	↑	\$17.67

Stainless steel Outdoor use EL Flat Pipe Supporter **Hot-dip galvanized Outdoor use** EL Flat Pipe Supporter **Stainless steel Outdoor use** EL FLAT Pipe Supporter

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10211-0015	15A	200	\$6.42
SG10211-0020	20A	200	\$6.42
SG10211-0025	25A	180	\$6.42
SG10211-0032	32A	160	\$7.08
SG10211-0040	40A	140	\$7.50
SG10211-0050	50A	100	\$8.17
SG10211-0065	65A	60	\$9.08
SG10211-0080	80A	50	\$9.92
SG10211-0100	100A	30	\$10.92
SG10211-0125	125A	20	\$39.58
SG10211-0150	150A	15	\$46.67

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10215-0015	15A	200	\$7.58
SG10215-0020	20A	200	\$7.58
SG10215-0025	25A	180	\$7.58
SG10215-0032	32A	160	\$8.25
SG10215-0040	40A	140	\$8.67
SG10215-0050	50A	100	\$9.33
SG10215-0065	65A	60	\$10.42
SG10215-0080	80A	50	\$11.17
SG10215-0100	100A	30	\$12.25
SG10215-0125	125A	20	\$41.58
SG10215-0150	150A	15	\$49.08

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10214-0015	15A	200	\$7.58
SG10214-0020	20A	200	\$7.58
SG10214-0025	25A	180	\$7.58
SG10214-0032	32A	160	\$8.25
SG10214-0040	40A	140	\$8.67
SG10214-0050	50A	100	\$9.33
SG10214-0065	65A	60	\$10.42
SG10214-0080	80A	50	\$11.17
SG10214-0100	100A	30	\$12.25
SG10214-0125	125A	20	\$41.58
SG10214-0150	150A	15	\$49.08

FLATUBOLT® Flat U-Bolt

9010

Stainless pipe

PAT. 7057244
PAT. 7254015

Unichrome Flat U-Bolt for outdoor use

SG

✓RoHS2

Elastomer

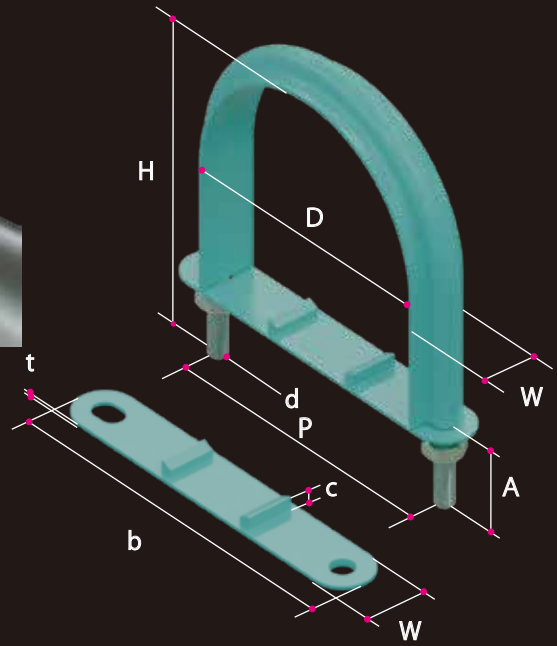
Rebro

2D CAD 3D CAD

Chlorine FREE in main material

- ●
●
●
●
●
●
●
●
●
●
- 60°C
+98°C
- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ blue

FLATUBOLT is the Trademark of AWJ Co., Ltd.



Unichrome Product No.	SU Type	Flat U-Bolt						Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	W	b	C	t				
SG10340-0015	15A	21.7	34	W3/8	54	26	25	59.5	7	1.5	g	300	1 Box	\$2.00
SG10340-0020	20A	27.2	40	↑	60	↑	↑	66.5	↑	↑	g	200	↑	\$2.00
SG10340-0025	25A	34.0	46	↑	66	↑	↑	72.5	↑	↑	g	200	↑	\$2.00
SG10340-0032	32A	42.7	56	↑	75	25	↑	83	7.5	↑	g	150	↑	\$2.33
SG10340-0040	40A	48.7	62	↑	81	↑	↑	89	↑	↑	g	120	↑	\$2.58
SG10340-0050	50A	60.5	74	↑	93	↑	↑	101	↑	↑	g	90	↑	\$2.75
SG10340-0065	65A	76.3	88	↑	113	30	↑	116	↑	↑	g	70	↑	\$3.17
SG10340-0080	80A	89.1	101	↑	126	↑	↑	129	8.5	↑	g	55	↑	\$3.75
SG10340-0100	100A	114.3	126	↑	151	↑	↑	154	↑	↑	g	40	↑	\$4.50
SG10340-0125	125A	139.8	154	W1/2	187	40	30	190	9.8	1.8	g	15	↑	\$10.50
SG10340-0150	150A	165.2	182	↑	214	↑	↑	218	↑	↑	g	15	↑	\$13.42
SG10340-0200	200A	216.3	232	↑	264	↑	↑	268	↑	↑	g	7	↑	\$17.42
SG10340-0250	250A	267.4	286	W5/8	330	55	40	331	11	2.0	g	8	↑	\$34.67
SG10340-0300	300A	318.5	341	↑	391	65	↑	386	↑	↑	g	7	↑	\$41.50

Stainless steel Outdoor use Flat U-Bolt

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ Blue



Hot-dip galvanized Outdoor use Flat U-Bolt

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Outdoor use FLAT U-BOLT

- ✓ U Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10342-0015	15A	300	\$5.42
SG10342-0020	20A	200	\$5.42
SG10342-0025	25A	200	\$5.42
SG10342-0032	32A	150	\$6.67
SG10342-0040	40A	120	\$7.17
SG10342-0050	50A	90	\$7.83
SG10342-0065	65A	70	\$8.92
SG10342-0080	80A	55	\$10.00
SG10342-0100	100A	40	\$12.25
SG10342-0125	125A	15	\$28.50
SG10342-0150	150A	15	\$35.25
SG10342-0200	200A	7	\$45.67
SG10342-0250	250A	8	\$95.67
SG10342-0300	300A	7	\$143.50

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10358-0015	15A	300	\$6.08
SG10358-0020	20A	200	\$6.08
SG10358-0025	25A	200	\$6.08
SG10358-0032	32A	150	\$7.08
SG10358-0040	40A	120	\$7.75
SG10358-0050	50A	90	\$8.25
SG10358-0065	65A	70	\$9.33
SG10358-0080	80A	55	\$11.00
SG10358-0100	100A	40	\$12.58
SG10358-0125	125A	15	\$30.58
SG10358-0150	150A	15	\$37.67
SG10358-0200	200A	7	\$51.50
SG10358-0250	250A	8	\$101.00
SG10358-0300	300A	7	\$148.75

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
SG10343-0015	15A	300	\$6.08
SG10343-0020	20A	200	\$6.08
SG10343-0025	25A	200	\$6.08
SG10343-0032	32A	150	\$7.08
SG10343-0040	40A	120	\$7.75
SG10343-0050	50A	90	\$8.25
SG10343-0065	65A	70	\$9.33
SG10343-0080	80A	55	\$11.00
SG10343-0100	100A	40	\$12.58
SG10343-0125	125A	15	\$30.58
SG10343-0150	150A	15	\$37.67
SG10343-0200	200A	7	\$51.50
SG10343-0250	250A	8	\$101.00
SG10343-0300	300A	7	\$148.75

FLATUBOLT® Flat U-Bolt High length +30,+50

9011

Unichrome Flat U-Bolt High length +30,+50 **PAT. 7057244** **Stainless pipe**

SG

Elastomer **✓RoHS2**

Rebro

Temperature range: -60°C to +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue

2D CAD 3D CAD

Chlorine FREE in main material

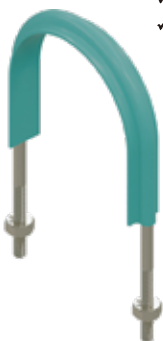
FLATUBOLT trademarked by AWJ co., Ltd.

Unichrome		SU Type	Flat U-Bolt High length								Weight	Qty.	Shipping Unit	MSRP per PCS	
Product No. [+30]	[+50]		D	P	d	W	H	A	H	A				[+30]	[+50]
SG10349-0153	-0155	15A	21.7	34	W3/8	25	74	50	94	50	g	200	\$7.17	\$7.33	
SG10349-0203	-0205	20A	27.2	40			79		99	66	g	200	\$7.17	\$7.33	
SG10349-0253	-0255	25A	34.0	46			87		107		g	200	\$7.17	\$7.33	
SG10349-0323	-0325	32A	42.7	56			96		116		g	180	\$7.42	\$7.50	
SG10349-0403	-0405	40A	48.7	62			102		122		g	150	\$7.58	\$7.67	
SG10349-0503	-0505	50A	60.5	74			113		133		g	120	\$7.75	\$7.83	
SG10349-0653	-0655	65A	76.3	88			135	55	155		g	100	\$8.33	\$8.42	
SG10349-0803	-0805	80A	89.1	101			145		165		g	80	\$8.75	\$8.83	
SG10349-1003	-1005	100A	114.3	126			173		193		g	50	\$9.50	\$9.58	
SG10349-1253	-1255	125A	139.8	154	W1/2	30	204	65	224	65	g	30	\$21.08	\$22.00	
SG10349-1503	-1505	150A	165.2	182			228		248		g	25	\$23.98	\$24.83	
SG10349-2003	-2005	200A	216.3	232			280		300		g	20	\$28.58	\$29.58	
SG10349-2503	-2505	250A	267.4	286	W5/8	40	336	80	356	80	g	15	\$39.75	\$40.67	
SG10349-3003	-3005	300A	318.5	341			396	90	416	90	g	10	\$47.33	\$48.25	

Outdoor use Flat U-Bolt High length +30,+50

Stainless steel

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue



Stainless steel		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
SG10350-0153	-0155	\$12.92	\$14.83
SG10350-0203	-0205	\$12.92	\$14.83
SG10350-0253	-0255	\$12.92	\$14.83
SG10350-0323	-0325	\$15.33	\$15.67
SG10350-0403	-0405	\$15.83	\$16.25
SG10350-0503	-0505	\$16.25	\$16.58
SG10350-0653	-0655	\$17.00	\$17.33
SG10350-0803	-0805	\$17.83	\$18.00
SG10350-1003	-1005	\$18.33	\$19.08
SG10350-1253	-1255	\$39.17	\$40.25
SG10350-1503	-1505	\$47.75	\$50.00
SG10350-2003	-2005	\$51.50	\$53.17
SG10350-2503	-2505	\$122.25	\$141.25
SG10350-3003	-3005	\$175.42	\$175.42

Outdoor use Flat U-Bolt High length +30,+50

Hot-dip galvanized

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Hot-dip galvanized		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
SG10359-0153	-0155	\$15.33	\$15.92
SG10359-0203	-0205	\$15.33	\$15.92
SG10359-0253	-0255	\$15.33	\$15.92
SG10359-0323	-0325	\$15.92	\$16.50
SG10359-0403	-0405	\$16.50	\$17.00
SG10359-0503	-0505	\$17.00	\$17.50
SG10359-0653	-0655	\$17.50	\$18.08
SG10359-0803	-0805	\$18.67	\$19.17
SG10359-1003	-1005	\$19.75	\$20.33
SG10359-1253	-1255	\$40.25	\$41.42
SG10359-1503	-1505	\$48.83	\$51.00
SG10359-2003	-2005	\$52.67	\$54.25
SG10359-2503	-2505	\$125.42	\$136.00
SG10359-3003	-3005	\$186.00	\$191.25

Outdoor use Flat U-Bolt High length +30,+50

Stainless steel

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Outdoor use Stainless		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
SG10354-0153	-0155	\$15.33	\$15.92
SG10354-0203	-0205	\$15.33	\$15.92
SG10354-0253	-0255	\$15.33	\$15.92
SG10354-0323	-0325	\$15.92	\$16.50
SG10354-0403	-0405	\$16.50	\$17.00
SG10354-0503	-0505	\$17.00	\$17.50
SG10354-0653	-0655	\$17.50	\$18.08
SG10354-0803	-0805	\$18.67	\$19.17
SG10354-1003	-1005	\$19.75	\$20.33
SG10354-1253	-1255	\$40.25	\$41.42
SG10354-1503	-1505	\$48.83	\$51.00
SG10354-2003	-2005	\$52.67	\$54.25
SG10354-2503	-2505	\$125.42	\$136.00
SG10354-3003	-3005	\$186.00	\$191.25

EL FLATBAND® EL Flat Pipe Hanger NH attached

9012

Super Tough-Poly

PAT. 7253926 D. 1639482
PAT. 7343447

Unichrome EL Flat Pipe Hanger for outdoor use

TP

✓RoHS2

Elastomer

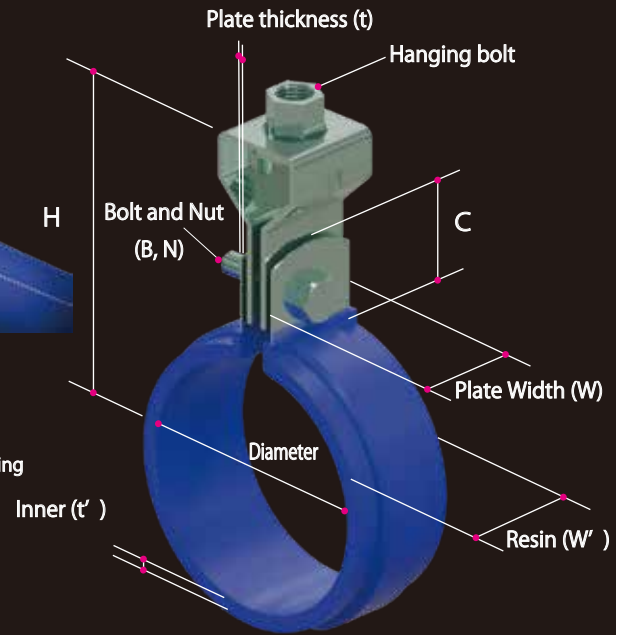
Rebro

-60°C +98°C

2D CAD 3D CAD

Chlorine FREE in main material

- ✓ Tumbuckle: Trivalent unichromate plating
- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly Blue



EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
TP10110-0020	20	27	25	0.6	W3/8	M6×25	27	68.6	1.2	28	80g	200	1 Box	\$2.58
TP10110-0025	25	32	↑	↑	↑	↑	↑	72.0	2.5	↑	85g	200	↑	\$3.00
TP10110-0030	30	40	↑	↑	↑	↑	↑	76.4	2.8	↑	93g	160	↑	\$3.25
TP10110-0040	40	50	↑	↑	↑	↑	↑	80.5	1.5	↑	95g	140	↑	\$3.42
TP10110-0050	50	63	↑	↑	↑	↑	↑	85.4	1.7	↑	105g	100	↑	\$3.75
TP10110-0065	65	75	↑	1.0	↑	M8×25	↑	95.4	2.6	↑	156g	80	↑	\$4.75
TP10110-0075	75	90	↑	↑	↑	↑	↑	101.8	1.5	↑	165g	60	↑	\$5.42
TP10110-0100	100	125	↑	↑	↑	↑	↑	120.1	2.5	↑	192g	40	↑	\$6.42
TP10110-0125	125	160	32	1.5	W1/2	M10×35	45	163.4	↑	35	385g	20	↑	\$16.50
TP10110-0150	150	180	↑	↑	↑	↑	↑	174.5	↑	↑	423g	15	↑	\$17.83

Stainless steel Outdoor use EL Flat Pipe Hanger **Hot-dip galvanized Outdoor use** EL Flat Pipe Hanger **Stainless steel Outdoor use** EL FLAT Pipe Hanger

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Super Tough Poly Blue

- ✓ Tumbuckle: Hot-dip galvanized
- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10112-0020	20	200	\$6.83
TP10112-0025	25	200	\$7.25
TP10112-0030	30	160	\$7.67
TP10112-0040	40	140	\$8.17
TP10112-0050	50	100	\$9.25
TP10112-0065	65	80	\$10.33
TP10112-0075	75	60	\$11.42
TP10112-0100	100	40	\$12.50
TP10112-0125	125	20	\$42.00
TP10112-0150	150	15	\$51.58

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10115-0020	20	200	\$8.33
TP10115-0025	25	200	\$8.50
TP10115-0030	30	160	\$8.67
TP10115-0040	40	140	\$9.83
TP10115-0050	50	100	\$10.83
TP10115-0065	65	80	\$12.50
TP10115-0075	75	60	\$13.58
TP10115-0100	100	40	\$14.67
TP10115-0125	125	20	\$43.08
TP10115-0150	150	15	\$52.67

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10114-0020	20	200	\$8.33
TP10114-0025	25	200	\$8.50
TP10114-0030	30	160	\$8.67
TP10114-0040	40	140	\$9.83
TP10114-0050	50	100	\$10.83
TP10114-0065	65	80	\$12.50
TP10114-0075	75	60	\$13.58
TP10114-0100	100	40	\$14.67
TP10114-0125	125	20	\$43.08
TP10114-0150	150	15	\$52.67

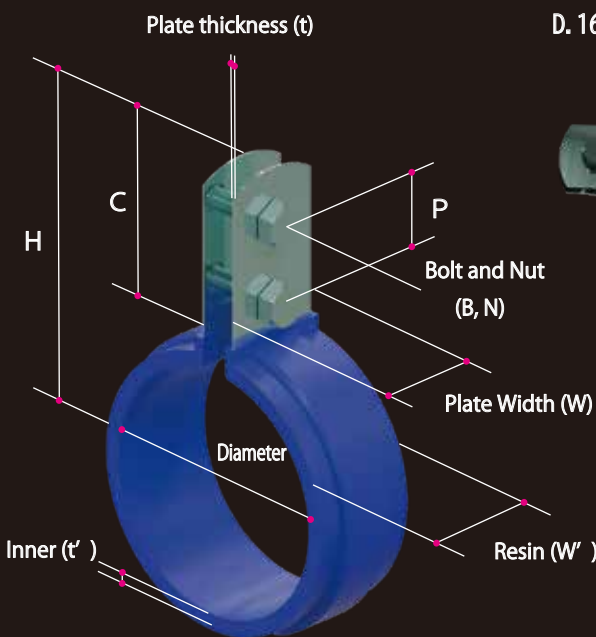
EL FLATBAND[®] EL Flat Pipe Supporter NH attached

9013

Unichrome EL Flat Pipe Supporter for outdoor use PAT. 7253926
PAT. 7343447
D. 1639482

Super Tough-Poly

TP



Elastomer

✓RoHS2

Rebro

-60°C +98°C

2D CAD

3D CAD

- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly blue

Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
TP10210-0020	20	27	25	0.6	20	M6×20	47	61.0	1.2	28	9	200	1 Box	\$2.50
TP10210-0025	25	32	↑	↑	↑	↑	↑	64.9	1.5	↑	9	180	↑	\$2.92
TP10210-0030	30	40	↑	↑	↑	↑	↑	69.4	↑	↑	9	160	↑	\$3.08
TP10210-0040	40	50	↑	↑	↑	↑	↑	72.4	↑	↑	9	140	↑	\$3.33
TP10210-0050	50	63	↑	↑	↑	↑	↑	78.6	1.7	↑	9	100	↑	\$3.67
TP10210-0065	65	75	↑	1.0	↑	↑	↑	87.8	2.0	↑	9	60	↑	\$4.67
TP10210-0075	75	90	↑	↑	↑	↑	↑	94.3	↑	↑	9	50	↑	\$5.33
TP10210-0100	100	125	↑	↑	↑	↑	↑	106.9	↑	↑	9	30	↑	\$6.33
TP10210-0125	125	160	32	1.5	25	M10×35	65	138.3	2.5	35	9	20	↑	\$16.08
TP10210-0150	150	180	↑	↑	↑	↑	↑	151.0	↑	↑	9	15	↑	\$19.17

Stainless steel Outdoor use EL Flat Pipe Supporter **Hot-dip galvanized Outdoor use** EL Flat Pipe Supporter **Stainless steel Outdoor use** EL FLAT Pipe Supporter

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly Blue

- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10211-0020	20	200	\$6.33
TP10211-0025	25	180	\$7.00
TP10211-0030	30	160	\$7.50
TP10211-0040	40	140	\$8.08
TP10211-0050	50	100	\$9.17
TP10211-0065	65	60	\$10.25
TP10211-0075	75	50	\$11.67
TP10211-0100	100	30	\$12.42
TP10211-0125	125	20	\$41.50
TP10211-0150	150	15	\$51.00

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10215-0020	20	200	\$8.08
TP10215-0025	25	180	\$8.25
TP10215-0030	30	160	\$8.33
TP10215-0040	40	140	\$9.50
TP10215-0050	50	100	\$10.58
TP10215-0065	65	60	\$12.25
TP10215-0075	75	50	\$13.33
TP10215-0100	100	30	\$14.42
TP10215-0125	125	20	\$42.50
TP10215-0150	150	15	\$52.50

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10214-0020	20	200	\$8.08
TP10214-0025	25	180	\$8.25
TP10214-0030	30	160	\$8.33
TP10214-0040	40	140	\$9.50
TP10214-0050	50	100	\$10.58
TP10214-0065	65	60	\$12.25
TP10214-0075	75	50	\$13.33
TP10214-0100	100	30	\$14.42
TP10214-0125	125	20	\$42.50
TP10214-0150	150	15	\$52.50

Super Tough-Poly
TP

PAT. 7057244
PAT. 7254015

Unichrome Flat U-Bolt for outdoor use

✓RoHS2 Elastomer

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

FLATUBOLT is the Trademark of AWJ Co., Ltd.

-60°C +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly blue

Unichrome Product No.	SU Type	Flat U-Bolt							Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	W	b	C	t					
TP10340-0020	20	27	40	W3/8	60	26	25	66.5	7	1.5	g	200	1 Box	\$1.83	
TP10340-0025	25	32	46	↑	66	↑	↑	72.5	↑	↑	g	200	↑	\$2.00	
TP10340-0030	30	40	56	↑	75	25	↑	83	7.5	↑	g	150	↑	\$2.33	
TP10340-0040	40	50	62	↑	81	↑	↑	89	↑	↑	g	120	↑	\$2.67	
TP10340-0050	50	63	74	↑	93	↑	↑	101	↑	↑	g	90	↑	\$3.00	
TP10340-0065	65	75	88	↑	113	30	↑	116	↑	↑	g	70	↑	\$3.42	
TP10340-0075	75	90	101	↑	126	↑	↑	129	8.5	↑	g	55	↑	\$3.83	
TP10340-0100	100	125	137	↑	163	↑	↑	165	↑	↑	g	40	↑	\$5.08	
TP10340-0125	125	160	177	W1/2	208	40	30	214	9.8	1.8	g	15	↑	\$13.42	
TP10340-0150	150	180	195	↑	228	↑	↑	231	↑	↑	g	15	↑	\$16.33	
TP10340-0200	200	250	266	↑	298	↑	↑	302	↑	↑	g	7	↑	\$34.75	
TP10340-0250	250	315	341	W5/8	388	65	40	386	11	2.0	g	7	↑	\$43.92	

Stainless steel Outdoor use Flat U-Bolt

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly Blue



Hot-dip galvanized Outdoor use Flat U-Bolt

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Outdoor use FLAT U-BOLT

- ✓ U Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10342-0020	20	200	\$5.25
TP10342-0025	25	200	\$5.58
TP10342-0030	30	150	\$6.67
TP10342-0040	40	120	\$7.33
TP10342-0050	50	90	\$8.42
TP10342-0065	65	70	\$9.50
TP10342-0075	75	55	\$10.42
TP10342-0100	100	40	\$13.67
TP10342-0125	125	15	\$34.58
TP10342-0150	150	15	\$41.33
TP10342-0200	200	7	\$53.17
TP10342-0250	250	7	\$141.42

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10358-0020	20	200	\$5.58
TP10358-0025	25	200	\$6.58
TP10358-0030	30	150	\$6.67
TP10358-0040	40	120	\$7.33
TP10358-0050	50	90	\$8.75
TP10358-0065	65	70	\$11.00
TP10358-0075	75	55	\$12.08
TP10358-0100	100	40	\$14.33
TP10358-0125	125	15	\$37.00
TP10358-0150	150	15	\$42.42
TP10358-0200	200	7	\$56.33
TP10358-0250	250	7	\$148.75

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
TP10343-0020	20	200	\$5.58
TP10343-0025	25	200	\$6.58
TP10343-0030	30	150	\$6.67
TP10343-0040	40	120	\$7.33
TP10343-0050	50	90	\$8.75
TP10343-0065	65	70	\$11.00
TP10343-0075	75	55	\$12.08
TP10343-0100	100	40	\$14.33
TP10343-0125	125	15	\$37.00
TP10343-0150	150	15	\$42.42
TP10343-0200	200	7	\$56.33
TP10343-0250	250	7	\$148.75

FLATUBOLT® Flat U-Bolt High length +30,+50

9015

Unichrome Flat U-Bolt High length +30,+50 **PAT. 7057244** **Super Tough-Poly**

TP

Elastomer **✓RoHS2**

Rebro

-60°C **+**98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly blue

Chlorine FREE in main material

2D CAD 3D CAD

FLATUBOLT trademarked by AWJ co., Ltd.

TP pipe for water supply [Super Tough-Poly]

Unichrome		SU Type	Flat U-Bolt High length				+30		+50		Weight	Qty.	Shipping Unit	MSRP per PCS	
Product No. [+30]	[+50]		D	P	d	W	H	A	H	A					
TP10349-0203	-0205	20	27	40	W3/8	25	79	50	99	66	g	200	1 Box	\$7.17	\$7.33
TP10349-0253	-0255	25	32	46	↑	↑	87	↑	107	↑	g	200	↑	\$7.76	\$7.75
TP10349-0303	-0305	30	40	56	↑	↑	96	↑	116	↑	g	150	↑	\$8.08	\$8.17
TP10349-0403	-0405	40	50	62	↑	↑	102	↑	122	↑	g	120	↑	\$8.25	\$8.42
TP10349-0503	-0505	50	63	74	↑	↑	113	↑	133	↑	g	90	↑	\$8.58	\$8.67
TP10349-0653	-0655	65	75	88	↑	↑	135	55	155	↑	g	70	↑	\$9.17	\$9.33
TP10349-0753	-0755	75	90	101	↑	↑	145	↑	165	↑	g	55	↑	\$9.67	\$9.83
TP10349-1003	-1005	100	125	137	↑	↑	173	↑	193	↑	g	40	↑	\$10.25	\$10.25
TP10349-1253	-1255	125	160	177	W1/2	30	224	65	244	65	g	15	↑	\$24.83	\$25.75
TP10349-1503	-1505	150	180	195	↑	↑	244	↑	264	↑	g	15	↑	\$30.58	\$31.50
TP10349-2003	-2005	200	250	266	↑	↑	314	↑	334	↑	g	7	↑	\$40.08	\$41.08
TP10349-2503	-2505	250	315	341	W5/8	40	336	90	416	90	g	7	↑	\$51.00	\$51.92

Outdoor use Flat U-Bolt High length +30,+50

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Super Tough-Poly Blue



Outdoor use Flat U-Bolt High length +30,+50

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Outdoor use Flat U-Bolt High length +30,+50

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
TP10350-0203	-0205	\$14.33	\$14.75
TP10350-0253	-0255	\$14.50	\$14.83
TP10350-0303	-0305	\$15.33	\$15.67
TP10350-0403	-0405	\$15.83	\$16.25
TP10350-0503	-0505	\$17.00	\$17.33
TP10350-0653	-0655	\$17.50	\$17.92
TP10350-0753	-0755	\$18.08	\$18.42
TP10350-1003	-1005	\$20.25	\$20.58
TP10350-1253	-1255	\$48.33	\$49.42
TP10350-1503	-1505	\$53.67	\$54.83
TP10350-2003	-2005	\$63.42	\$64.42
TP10350-2503	-2505	\$169.67	\$181.08

Hot-dip galvanized		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
TP10359-0203	-0205	\$15.33	\$15.75
TP10359-0253	-0255	\$15.58	\$15.92
TP10359-0303	-0305	\$16.50	\$16.75
TP10359-0403	-0405	\$17.00	\$17.33
TP10359-0503	-0505	\$18.08	\$18.42
TP10359-0653	-0655	\$18.67	\$19.00
TP10359-0753	-0755	\$19.17	\$19.58
TP10359-1003	-1005	\$21.42	\$21.75
TP10359-1253	-1255	\$49.42	\$50.50
TP10359-1503	-1505	\$55.83	\$56.92
TP10359-2003	-2005	\$63.42	\$68.67
TP10359-2503	-2503	\$178.50	\$192.17

Outdoor use Stainless		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
TP10354-0203	-0205	\$15.33	\$15.75
TP10354-0253	-0255	\$15.58	\$15.92
TP10354-0303	-0305	\$16.50	\$16.75
TP10354-0403	-0405	\$17.00	\$17.33
TP10354-0503	-0505	\$18.08	\$18.42
TP10354-0653	-0655	\$18.67	\$19.00
TP10354-0753	-0755	\$19.17	\$19.58
TP10354-1003	-1005	\$21.42	\$21.75
TP10354-1253	-1255	\$49.42	\$50.50
TP10354-1503	-1505	\$55.83	\$56.92
TP10354-2003	-2005	\$63.42	\$68.67
TP10354-2503	-2505	\$178.50	\$192.17

FLATBAND® EL Flat Pipe Hanger NH attached

9016

PE pipe for water supply [Polyethylene Pipe for water supply]

Polyethylene Pipe

PE

PAT. 7253926 D. 1639482
PAT. 7343447

Unichrome EL Flat Pipe Hanger for outdoor use

✓RoHS2 Elastomer

Rebro'

2D CAD 3D CAD

Chlorine FREE in main material

-60°C +98°C

- ✓ Tumbuckle: Trivalent unichromate plating
- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B, N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
PE10110-0020	20	27	25	0.6	W3/8	M6×25	27	68.6	1.2	28	80g	200	1 Box	\$2.58
PE10110-0025	25	34	↑	↑	↑	↑	↑	72.0	1.5	↑	85g	200	↑	\$2.75
PE10110-0030	30	42	↑	↑	↑	↑	↑	76.4	↑	↑	93g	160	↑	\$3.00
PE10110-0040	40	48	↑	↑	↑	↑	↑	79.4	↑	↑	95g	140	↑	\$3.25
PE10110-0050	50	60	↑	↑	↑	↑	↑	85.4	1.7	↑	105g	100	↑	\$3.58
PE10110-0065	65	76	↑	1.0	↑	M8×25	↑	95.4	2.0	↑	156g	80	↑	\$4.58
PE10110-0075	75	89	↑	↑	↑	↑	↑	101.8	↑	↑	165g	60	↑	\$5.17
PE10110-0100	100	114	↑	↑	↑	↑	↑	114.4	↑	↑	192g	40	↑	\$5.75
PE10110-0125	125	139	32	1.5	W1/2	M10×35	45	153.3	2.5	35	385g	20	↑	\$15.00
PE10110-0150	150	165	↑	↑	↑	↑	↑	166.1	↑	↑	423g	15	↑	\$18.17

Stainless steel Outdoor use EL Flat Pipe Hanger **Hot-dip galvanized** Outdoor use EL Flat Pipe Hanger **Stainless steel** Outdoor use EL FLAT Pipe Hanger

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

- ✓ Tumbuckle: Hot-dip galvanized
- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

- ✓ Tumbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10112-0020	20	200	\$6.83
PE10112-0025	25	200	\$7.08
PE10112-0030	30	160	\$7.42
PE10112-0040	40	140	\$7.83
PE10112-0050	50	100	\$8.50
PE10112-0065	65	80	\$9.58
PE10112-0075	75	60	\$10.33
PE10112-0100	100	40	\$11.42
PE10112-0125	125	20	\$40.83
PE10112-0150	150	15	\$48.00

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10115-0020	20	200	\$7.83
PE10115-0025	25	200	\$8.25
PE10115-0030	30	160	\$8.50
PE10115-0040	40	140	\$9.00
PE10115-0050	50	100	\$9.58
PE10115-0065	65	80	\$10.67
PE10115-0075	75	60	\$11.42
PE10115-0100	100	40	\$12.50
PE10115-0125	125	20	\$42.00
PE10115-0150	150	15	\$49.50

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10114-0020	20	200	\$7.83
PE10114-0025	25	200	\$8.25
PE10114-0030	30	160	\$8.50
PE10114-0040	40	140	\$9.00
PE10114-0050	50	100	\$9.58
PE10114-0065	65	80	\$10.67
PE10114-0075	75	60	\$11.42
PE10114-0100	100	40	\$12.50
PE10114-0125	125	20	\$42.00
PE10114-0150	150	15	\$49.50

EL FLATBAND[®] EL Flat Pipe Supporter NH attached

9017

Unichrome EL Flat Pipe Supporter for outdoor use PAT. 7253926 PAT. 7343447 D. 1639482

Polyethylene Pipe **PE**

✓ Bolt: Trivalent unichromate plating
 ✓ Band body: SUS 430
 ✓ Insulating resin: Elastomer (TPE)
 ✓ Resin color: AWJ blue

Elastomer ✓RoHS2
 Rebro
 2D CAD 3D CAD

Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDth (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
PE10210-0020	20	27	25	0.6	20	M6×20	47	61.8	1.2	28	47g	200	1 Box	\$2.50
PE10210-0025	25	34	↑	↑	↑	↑	↑	64.9	1.5	↑	52g	180	↑	\$2.67
PE10210-0030	30	42	↑	↑	↑	↑	↑	69.4	↑	↑	60g	160	↑	\$2.92
PE10210-0040	40	48	↑	↑	↑	↑	↑	72.4	↑	↑	63g	140	↑	\$3.17
PE10210-0050	50	60	↑	↑	↑	↑	↑	78.6	1.7	↑	72g	100	↑	\$3.50
PE10210-0065	65	76	↑	1.0	↑	↑	↑	87.8	2.0	↑	112g	60	↑	\$4.50
PE10210-0075	75	89	↑	↑	↑	↑	↑	94.3	↑	↑	125g	50	↑	\$5.08
PE10210-0100	100	114	↑	↑	↑	↑	↑	106.9	↑	↑	149g	30	↑	\$5.67
PE10210-0125	125	139	32	1.5	25	M10×35	65	138.3	2.5	35	314g	20	↑	\$14.67
PE10210-0150	150	165	↑	↑	↑	↑	↑	151.0	↑	↑	350g	15	↑	\$17.67

Stainless steel Outdoor use EL Flat Pipe Supporter **Hot-dip galvanized Outdoor use EL Flat Pipe Supporter** **Stainless steel Outdoor use EL FLAT Pipe Supporter**

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue
- ✓ Bolt, Nut: Hot-dip galvanized
- ✓ Band body: SPCC Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10211-0020	20	200	\$6.00
PE10211-0025	25	180	\$6.42
PE10211-0030	30	160	\$7.08
PE10211-0040	40	140	\$7.50
PE10211-0050	50	100	\$8.17
PE10211-0065	65	60	\$9.08
PE10211-0075	75	50	\$9.92
PE10211-0100	100	30	\$10.92
PE10211-0125	125	20	\$39.58
PE10211-0150	150	15	\$46.67

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10215-0020	20	200	\$7.50
PE10215-0025	25	180	\$7.83
PE10215-0030	30	160	\$8.17
PE10215-0040	40	140	\$8.58
PE10215-0050	50	100	\$9.25
PE10215-0065	65	60	\$10.33
PE10215-0075	75	50	\$11.17
PE10215-0100	100	30	\$12.25
PE10215-0125	125	20	\$41.58
PE10215-0150	150	15	\$49.08

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10214-0020	20	200	\$7.50
PE10214-0025	25	180	\$7.83
PE10214-0030	30	160	\$8.17
PE10214-0040	40	140	\$8.58
PE10214-0050	50	100	\$9.25
PE10214-0065	65	60	\$10.33
PE10214-0075	75	50	\$11.17
PE10214-0100	100	30	\$12.25
PE10214-0125	125	20	\$41.58
PE10214-0150	150	15	\$49.08

FLATUBOLT® Flat U-Bolt

9018

PE pipe for water supply [Polyethylene Pipe for water supply]

Polyethylene Pipe

PE

✓RoHS2 Elastomer

Rebro

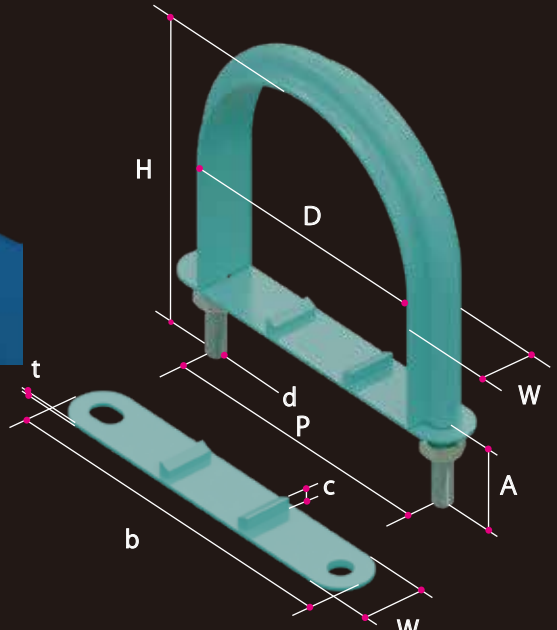
-60°C +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ blue

Chlorine FREE in main material

FLATUBOLT is the Trademark of AWJ Co., Ltd.

Unichrome Flat U-Bolt for outdoor use



Unichrome Product No.	SU Type	Flat U-Bolt						Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	W	b	C	t				
PE10340-0020	20	27	40	W3/8	60	26	25	66.5	7	1.5	g	200	1 Box	\$1.83
PE10340-0025	25	34	46	↑	66	↑	↑	72.5	↑	↑	g	200	↑	\$2.00
PE10340-0030	30	42	56	↑	75	25	↑	83	7.5	↑	g	150	↑	\$2.33
PE10340-0040	40	48	62	↑	81	↑	↑	89	↑	↑	g	120	↑	\$2.58
PE10340-0050	50	60	74	↑	93	↑	↑	101	↑	↑	g	90	↑	\$2.75
PE10340-0065	65	76	88	↑	113	30	↑	116	↑	↑	g	70	↑	\$3.17
PE10340-0075	75	89	101	↑	126	↑	↑	129	8.5	↑	g	55	↑	\$3.75
PE10340-0100	100	114	126	↑	151	↑	↑	154	↑	↑	g	40	↑	\$4.50
PE10340-0125	125	139	154	W1/2	187	40	30	190	9.8	1.8	g	15	↑	\$10.50
PE10340-0150	150	165	182	↑	214	↑	↑	218	↑	↑	g	15	↑	\$13.42
PE10340-0200	200	216	232	↑	264	↑	↑	268	↑	↑	g	7	↑	\$17.42

Stainless steel Outdoor use Flat U-Bolt

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

Hot-dip galvanized Outdoor use Flat U-Bolt

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black

Stainless steel Outdoor use FLAT U-BOLT

- ✓ U Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10342-0020	20	200	\$5.25
PE10342-0025	25	200	\$5.42
PE10342-0030	30	150	\$6.67
PE10342-0040	40	120	\$7.17
PE10342-0050	50	90	\$7.83
PE10342-0065	65	70	\$8.92
PE10342-0075	75	55	\$10.00
PE10342-0100	100	40	\$12.25
PE10342-0125	125	15	\$28.50
PE10342-0150	150	15	\$35.25
PE10342-0200	200	7	\$45.67

Hot-dip galvanized Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10358-0020	20	200	\$5.58
PE10358-0025	25	200	\$6.08
PE10358-0030	30	150	\$7.08
PE10358-0040	40	120	\$7.75
PE10358-0050	50	90	\$8.25
PE10358-0065	65	70	\$9.33
PE10358-0075	75	55	\$11.00
PE10358-0100	100	40	\$12.58
PE10358-0125	125	15	\$30.58
PE10358-0150	150	15	\$37.67
PE10358-0200	200	7	\$51.50

Outdoor use Stainless Product No.	SU Type	Shipping Unit	MSRP per PCS
PE10343-0020	20	200	\$5.58
PE10343-0025	25	200	\$6.08
PE10343-0030	30	150	\$7.08
PE10343-0040	40	120	\$7.75
PE10343-0050	50	90	\$8.25
PE10343-0065	65	70	\$9.33
PE10343-0075	75	55	\$11.00
PE10343-0100	100	40	\$12.58
PE10343-0125	125	15	\$30.58
PE10343-0150	150	15	\$37.67
PE10343-0200	200	7	\$51.50

FLATUBOLT® Flat U-Bolt High length +30,+50

9019

Unichrome Flat U-Bolt High length +30,+50
PAT. 7057244
Polyethylene Pipe

PE

Temperature range: -60°C to +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue

Elastomer ✓RoHS2

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

FLATUBOLT trademarked by AWJ co., Ltd.

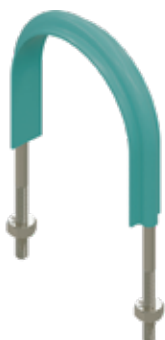
PE pipe for water supply [Polyethylene Pipe for water supply]

Unichrome		SU Type	Flat U-Bolt High length								Weight	Qty.	Shipping Unit	MSRP per PCS	
Product No. [+30]	[+50]		D	P	d	W	H	A	H	A				[+30]	[+50]
PE10349-0203	-0205	20	27	40	W3/8	25	79	50	99	66	9	200	\$6.92	\$7.00	
PE10349-0253	-0255	25	34	46	↑	↑	87	↑	107	↑	9	200	\$7.17	\$7.33	
PE10349-0303	-0305	30	42	56	↑	↑	96	↑	116	↑	9	180	\$7.42	\$7.50	
PE10349-0403	-0405	40	48	62	↑	↑	102	↑	122	↑	9	150	\$7.58	\$7.67	
PE10349-0503	-0505	50	60	74	↑	↑	113	↑	133	↑	9	120	\$7.75	\$7.83	
PE10349-0653	-0655	65	76	88	↑	↑	135	55	155	↑	9	100	\$8.33	\$8.42	
PE10349-0753	-0755	75	89	101	↑	↑	145	↑	165	↑	9	80	\$8.75	\$8.83	
PE10349-1003	-1005	100	114	126	↑	↑	173	↑	193	↑	9	50	\$9.50	\$9.58	
PE10349-1253	-1255	125	139	154	W1/2	30	204	65	224	65	9	30	\$21.08	\$22.00	
PE10349-1503	-1505	150	165	182	↑	↑	228	↑	248	↑	9	25	\$23.98	\$24.83	
PE10349-2003	-2005	200	216	232	↑	↑	280	↑	300	↑	9	20	\$28.58	\$29.58	

Outdoor use Flat U-Bolt High length +30,+50

Stainless steel

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue



Stainless steel		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
PE10350-0203	-0205	\$12.75	\$14.75
PE10350-0253	-0255	\$12.92	\$14.83
PE10350-0303	-0305	\$15.33	\$15.67
PE10350-0403	-0405	\$15.83	\$16.25
PE10350-0503	-0505	\$16.25	\$16.58
PE10350-0653	-0655	\$17.00	\$17.33
PE10350-0753	-0755	\$17.83	\$18.00
PE10350-1003	-1005	\$18.33	\$19.08
PE10350-1253	-1255	\$39.17	\$40.25
PE10350-1503	-1505	\$47.75	\$50.00
PE10350-2003	-2005	\$51.50	\$53.17

Outdoor use Flat U-Bolt High length +30,+50

Hot-dip galvanized

- ✓ U-Bolt body: Hot-dip galvanized
- ✓ Nut: Hot-dip galvanized
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Hot-dip galvanized		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
PE10359-0203	-0205	\$14.83	\$15.33
PE10359-0253	-0255	\$15.33	\$15.92
PE10359-0303	-0305	\$15.92	\$16.50
PE10359-0403	-0405	\$16.50	\$17.00
PE10359-0503	-0505	\$17.00	\$17.50
PE10359-0653	-0655	\$17.50	\$18.08
PE10359-0753	-0755	\$18.67	\$19.17
PE10359-1003	-1005	\$19.75	\$20.33
PE10359-1253	-1255	\$40.25	\$41.42
PE10359-1503	-1505	\$48.83	\$51.00
PE10359-2003	-2005	\$52.67	\$54.25

Outdoor use Flat U-Bolt High length +30,+50

Stainless steel

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Outdoor use Stainless		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
PE10354-0203	-0205	\$14.83	\$15.33
PE10354-0253	-0255	\$15.33	\$15.92
PE10354-0303	-0305	\$15.92	\$16.50
PE10354-0403	-0405	\$16.50	\$17.00
PE10354-0503	-0505	\$17.00	\$17.50
PE10354-0653	-0655	\$17.50	\$18.08
PE10354-0753	-0755	\$18.67	\$19.17
PE10354-1003	-1005	\$19.75	\$20.33
PE10354-1253	-1255	\$40.25	\$41.42
PE10354-1503	-1505	\$48.83	\$51.00
PE10354-2003	-2005	\$52.67	\$54.25

EL FLATBAND® EL Flat Pipe Hanger NH attached

9020

PB pipe for hot-water supply [Polybutene Pipe]

Polybutene pipe

PB

PAT. 7253926 D. 1639482
PAT. 7343447

Unichrome EL Flat Pipe Hanger for outdoor use

✓RoHS2 Elastomer

Rebro'

2D CAD 3D CAD

-60°C +98°C

- ✓ Turnbuckle: Trivalent unichromate plating
- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ green

Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
PB10110-0016	16	22	25	0.6	W3/8	M6×25	27	65.3	1.2	28	76g	200	1 Box	\$5.83
PB10110-0020	20	27	↑	↑	↑	↑	↑	68.6	↑	↑	80g	200	↑	\$6.33
PB10110-0025	25	34	↑	↑	↑	↑	↑	72.0	1.5	↑	85g	200	↑	\$6.67
PB10110-0030	30	42	↑	↑	↑	↑	↑	76.4	↑	↑	93g	160	↑	\$7.17
PB10110-0040	40	48	↑	↑	↑	↑	↑	79.4	↑	↑	95g	140	↑	\$7.67
PB10110-0050	50	60	↑	↑	↑	↑	↑	85.4	1.7	↑	105g	100	↑	\$8.50
PB10110-0065	65	76	↑	1.0	↑	M8×25	↑	95.4	2.0	↑	156g	80	↑	\$10.33
PB10110-0075	75	89	↑	↑	↑	↑	↑	101.8	↑	↑	165g	60	↑	\$11.33
PB10110-0100	100	114	↑	↑	↑	↑	↑	114.4	↑	↑	192g	40	↑	\$12.50

Stainless steel Outdoor use EL Flat Pipe Hanger

- ✓ Turnbuckle: SUS304
- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Green



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
PB10112-0016	16	200	\$13.00
PB10112-0020	20	200	\$14.83
PB10112-0025	25	200	\$15.33
PB10112-0030	30	160	\$16.00
PB10112-0040	40	140	\$16.83
PB10112-0050	50	100	\$18.17
PB10112-0065	65	80	\$20.33
PB10112-0075	75	60	\$21.75
PB10112-0100	100	40	\$24.00

EL FLATBAND[®] EL Flat Pipe Supporter NH attached

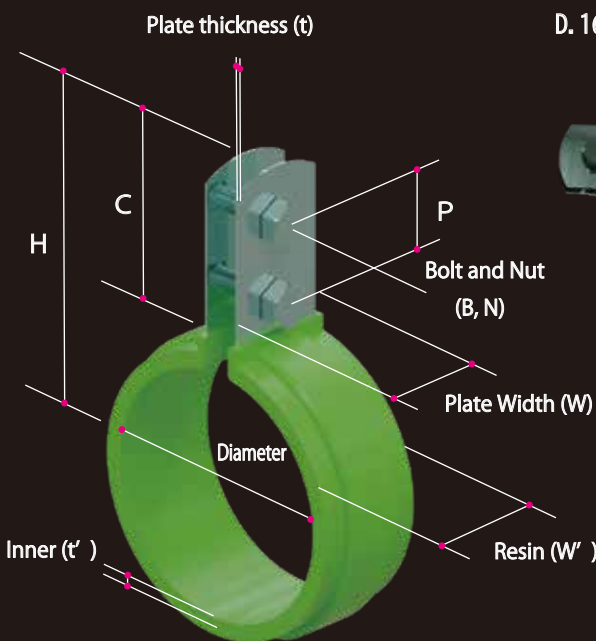
9021

Unichrome EL Flat Pipe Supporter for outdoor use

PAT. 7253926
PAT. 7343447
D. 1639482

Polybutene pipe

PB



✓RoHS2



-60°C ●●●●●●●● ●●●●●●●● +98°C

- ✓ Bolt: Trivalent unichromate plating
- ✓ Band body: SUS 430
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ green



Chlorine FREE in main material

EL FLATBAND trademarked by AWJ co., Ltd.

Unichrome Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Inner (t')	Resin (W')	Weight	Qty.	Shipping Unit	MSRP per PCS
PB10210-0016	16	22	25	0.6	20	M6×20	47	58.3	1.2	28	39g	200	1 Box	\$5.50
PB10210-0020	20	27	↑	↑	↑	↑	↑	61.8	↑	↑	47g	200	↑	\$6.17
PB10210-0025	25	34	↑	↑	↑	↑	↑	64.9	1.5	↑	52g	200	↑	\$6.50
PB10210-0030	30	42	↑	↑	↑	↑	↑	69.4	↑	↑	60g	160	↑	\$7.00
PB10210-0040	40	48	↑	↑	↑	↑	↑	72.4	↑	↑	63g	140	↑	\$7.50
PB10210-0050	50	60	↑	↑	↑	↑	↑	78.6	1.7	↑	72g	100	↑	\$8.33
PB10210-0065	65	76	↑	1.0	↑	↑	↑	87.8	2.0	↑	112g	60	↑	\$10.17
PB10210-0075	75	89	↑	↑	↑	↑	↑	94.3	↑	↑	125g	50	↑	\$11.17
PB10210-0100	100	114	↑	↑	↑	↑	↑	106.9	↑	↑	149g	30	↑	\$12.33

Stainless steel Outdoor use EL Flat Pipe Supporter

- ✓ Bolt, Nut: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Green



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
PB10211-0016	16	200	\$12.33
PB10211-0020	20	200	\$13.83
PB10211-0025	25	200	\$14.33
PB10211-0030	30	160	\$15.17
PB10211-0040	40	140	\$16.00
PB10211-0050	50	100	\$17.33
PB10211-0065	65	60	\$19.50
PB10211-0075	75	50	\$21.00
PB10211-0100	100	30	\$23.17

FLATUBOLT® Flat U-Bolt

9022

Polybutene pipe

PAT. 7057244
PAT. 7254015

Unichrome Flat U-Bolt for outdoor use

PB

✓RoHS2

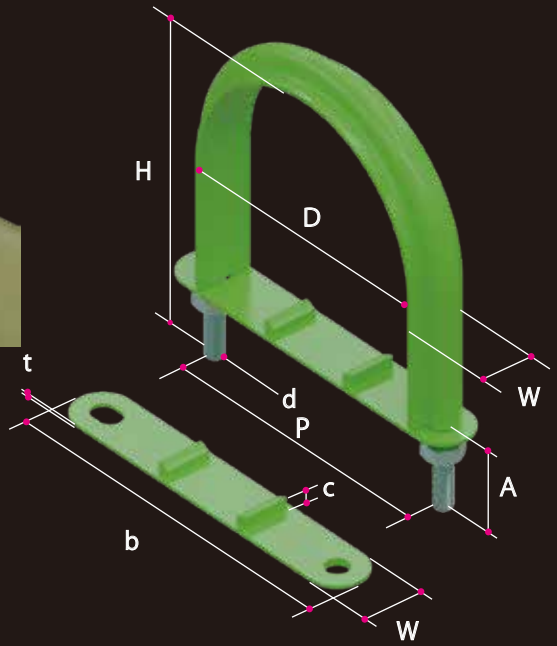
Elastomer



Chlorine FREE in main material

-
- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ green

FLAT UBOLT is the Trademark of AWJ Co., Ltd.



Unichrome Product No.	SU Type	Flat U-Bolt						Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	W	b	C	t				
PB10340-0016	16	22	34	W3/8	54	26	25	59.7	7	1.5	g	200	1 Box	\$4.17
PB10340-0020	20	27	40	↑	60	↑	↑	66.5	↑	↑	g	200	↑	\$4.50
PB10340-0025	25	34	46	↑	66	↑	↑	72.5	↑	↑	g	200	↑	\$4.83
PB10340-0030	30	42	56	↑	75	25	↑	83	7.5	↑	g	150	↑	\$5.33
PB10340-0040	40	48	62	↑	81	↑	↑	89	↑	↑	g	120	↑	\$6.00
PB10340-0050	50	60	74	↑	93	↑	↑	101	↑	↑	g	90	↑	\$6.83
PB10340-0065	65	76	88	↑	113	30	↑	116	↑	↑	g	70	↑	\$7.67
PB10340-0075	75	89	101	↑	126	↑	↑	129	8.5	↑	g	55	↑	\$9.00
PB10340-0100	100	114	126	↑	151	↑	↑	154	↑	↑	g	40	↑	\$11.00

Stainless steel Outdoor use Flat U-Bolt

- ✓ U-Bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Stabilizer plate: Elastomer (TPE)
- ✓ Resin color: AWJ Green



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
PB10342-0016	16	200	\$10.00
PB10342-0020	20	200	\$11.50
PB10342-0025	25	200	\$12.00
PB10342-0030	30	150	\$14.33
PB10342-0040	40	120	\$15.50
PB10342-0050	50	90	\$16.50
PB10342-0065	65	70	\$19.67
PB10342-0075	75	55	\$21.50
PB10342-0100	100	40	\$24.50

FLATUBOLT® Flat U-Bolt High length +30,+50

9030

Unichrome Flat U-Bolt High length +30, +50 PAT. 7057244 Polybutene pipe

PB

Elastomer ✓ RoHS2

Rebro

-60°C ●●●●●●●● ●●●●●●●● +98°C

- ✓ U-Bolt body: Trivalent unichromate plating
- ✓ Nut: Trivalent unichromate plating
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ green

Chlorine FREE in main material

FLATUBOLT trademarked by AWJ co., Ltd.

PB pipe for hot-water supply [Polybutene Pipe]

Unichrome		SU Type	Flat U-Bolt High length				+30		+50		Weight	Qty.	Shipping Unit	MSRP per PCS	
Product No. [+30]	[+50]		D	P	d	W	H	A	H	A				[+30]	[+50]
PB10349-0163	-0165	16	22	34	W3/8	25	73	50	93	50	g	200	\$15.50	\$15.83	
PB10349-0203	-0205	20	27	40	↑	↑	79	↑	99	66	g	200	\$16.33	\$16.67	
PB10349-0253	-0255	25	34	46	↑	↑	87	↑	107	↑	g	200	\$17.50	\$18.00	
PB10349-0303	-0305	30	42	56	↑	↑	96	↑	116	↑	g	180	\$18.00	\$18.50	
PB10349-0403	-0405	40	48	62	↑	↑	102	↑	122	↑	g	150	\$18.83	\$19.17	
PB10349-0503	-0505	50	60	74	↑	↑	113	↑	133	↑	g	120	\$20.50	\$20.83	
PB10349-0653	-0655	65	76	88	↑	↑	135	55	155	↑	g	100	\$21.33	\$21.83	
PB10349-0753	-0755	75	89	101	↑	↑	145	↑	165	↑	g	80	\$22.50	\$23.00	
PB10349-1003	-1005	100	114	126	↑	↑	173	↑	193	↑	g	50	\$23.83	\$24.67	

Outdoor use Flat U-Bolt High length +30, +50

- Stainless steel**
- ✓ U-Bolt body: SUS304
 - ✓ Nut: SUS304
 - ✓ Insulating resin: Elastomer (IPE)
 - ✓ Resin color: AWJ Green



Stainless steel		MSRP per PCS	
Product No. [+30]	[+50]	[+30]	[+50]
PB10350-0163	-0165	\$30.33	\$31.17
PB10350-0203	-0205	\$31.33	\$32.17
PB10350-0253	-0255	\$32.33	\$33.17
PB10350-0303	-0305	\$33.33	\$34.17
PB10350-0403	-0405	\$35.00	\$35.83
PB10350-0503	-0505	\$36.33	\$37.17
PB10350-0653	-0655	\$37.50	\$38.33
PB10350-0753	-0755	\$39.17	\$40.00
PB10350-1003	-1005	\$40.50	\$41.33

ETFE Pipe Hanger Fluororesin Coated

9023

SU pipe for steam piping [Stainless pipe thin-walled]

Stainless pipe thin-walled

SU

Stainless ETFE Fluororesin coated Pipe Hanger

RoHS2 Elastomer
 Rebros
 2D CAD 3D CAD

-200°C ● ● ● ● ● ● ● ● ● ● ● ● +180°C

- ✓ Tumbuckle: SUS304
- ✓ Bolt: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy-black

Chlorine FREE in main material

Stainless Product No.	SU Type	Pipe Diameter	Plate WHD (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Weight	Qty.	Shipping Unit	MSRP per PCS
EU10120-0013	13SU	15.88	25	0.6	W3/8	M6×25	27	61.8	9			\$30.67
EU10120-0020	20SU	22.22						65.3	9			\$31.67
EU10120-0025	25SU	28.58						68.6	9			\$32.67
EU10120-0030	30SU	34.0						72.0	9			\$33.67
EU10120-0040	40SU	42.7						76.4	9			\$34.50
EU10120-0050	50SU	48.6						79.4	9			\$35.50
EU10120-0060	60SU	60.5						85.4	9			\$37.83
EU10120-0075	75SU	76.3		1.0		M8×25		95.4	9			\$42.83
EU10120-0080	80SU	89.1						101.8	9			\$45.67
EU10120-0100	100SU	114.3						114.4	9			\$47.67
EU10120-0125	125SU	139.8	32	1.5	W1/2	M10×35	45	153.3	9			\$104.67
EU10120-0150	150SU	165.2						166.1	9			\$117.33

Unichrome ETFE Pipe Hanger Fluororesin Coated

- ✓ Tumbuckle: Trivalent unichromate plating
- ✓ Bolt, Nut: Trivalent unichromate plating
- ✓ Band body: SUS430
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
EU10121-0013	13SU		\$30.67
EU10121-0020	20SU		\$31.67
EU10121-0025	25SU		\$32.67
EU10121-0030	30SU		\$33.67
EU10121-0040	40SU		\$34.50
EU10121-0050	50SU		\$35.50
EU10121-0060	60SU		\$37.83
EU10121-0075	75SU		\$42.83
EU10121-0080	80SU		\$45.67
EU10121-0100	100SU		\$47.67
EU10121-0125	125SU		\$104.67
EU10121-0150	150SU		\$117.33

ETFE Pipe Supporter Fluororesin Coated

9024

Stainless ETFE Fluororesin coated Pipe Supporter

Stainless pipe thin-walled

SU

Elastomer ✓RoHS2

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

Temperature range: -200°C to +180°C

- ✓ Bolt: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy-black

Stainless Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Weight	Qty.	Shipping Unit	MSRP per PCS
EU10220-0013	13SU	15.88	25	0.6	20	M6×20	47	55.0	g			\$30.17
EU10220-0020	20SU	22.22	↑	↑	↑	↑	↑	58.5	g			\$31.17
EU10220-0025	25SU	28.58	↑	↑	↑	↑	↑	61.8	g			\$32.17
EU10220-0030	30SU	34.0	↑	↑	↑	↑	↑	64.9	g			\$33.17
EU10220-0040	40SU	42.7	↑	↑	↑	↑	↑	69.4	g			\$34.17
EU10220-0050	50SU	48.6	↑	↑	↑	↑	↑	72.4	g			\$36.00
EU10220-0060	60SU	60.5	↑	↑	↑	↑	↑	78.6	g			\$37.50
EU10220-0075	75SU	76.3	↑	1.0	↑	↑	↑	87.8	g			\$40.67
EU10220-0080	80SU	89.1	↑	↑	↑	↑	↑	94.3	g			\$43.33
EU10220-0100	100SU	114.3	↑	↑	↑	↑	↑	106.9	g			\$45.33
EU10220-0125	125SU	139.8	32	1.5	25	M10×35	65	138.3	g			\$89.83
EU10220-0150	150SU	165.2	↑	↑	↑	↑	↑	151.0	g			\$104.00

Unichrome ETFE Pipe Supporter Fluororesin Coated

- ✓ Bolt, Nut: Trivalent unichromate plating
- ✓ Band body: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy-black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
EU10221-0013	13SU		\$30.17
EU10221-0020	20SU		\$31.17
EU10221-0025	25SU		\$32.17
EU10221-0030	30SU		\$33.17
EU10221-0040	40SU		\$34.17
EU10221-0050	50SU		\$36.00
EU10221-0060	60SU		\$37.50
EU10221-0075	75SU		\$40.67
EU10221-0080	80SU		\$43.33
EU10221-0100	100SU		\$45.33
EU10221-0125	125SU		\$89.83
EU10221-0150	150SU		\$104.00

ETFE U-Bolt Fluororesin Coated

9025

SU pipe for steam piping [Stainless pipe thin-walled]

Stainless pipe thin-walled

SU

Stainless

ETFE Fluororesin coated U-Bolt

✓RoHS2

Elastomer

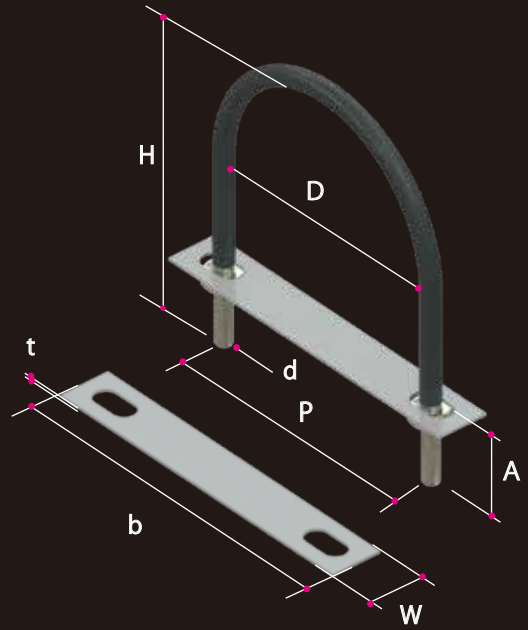
Rebro

-200°C +180°C

- ✓ U-bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Insulating plate: Fluororesin (ETFE)
- ✓ Resin color: Navy-black

2D CAD 3D CAD

Chlorine FREE in main material



Stainless Product No.	SU Type	ETFE coated U-Bolt					Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	b	W	t				
EU10400-0013	13SU	15.88	28	W3/8	43	28	73	25	1.5	g			\$29.33
EU10400-0020	20SU	22.22	34	↑	46	30	73	↑	↑	g			\$29.83
EU10400-0025	25SU	28.58	40	↑	51	↑	73	↑	↑	g			\$31.17
EU10400-0030	30SU	34.0	46	↑	59	↑	73	↑	↑	g			\$33.67
EU10400-0040	40SU	42.7	56	↑	68	↑	88	↑	↑	g			\$35.67
EU10400-0050	50SU	48.7	62	↑	74	↑	88	↑	↑	g			\$38.83
EU10400-0060	60SU	60.5	74	↑	85	↑	114	↑	↑	g			\$42.33
EU10400-0075	75SU	76.3	88	↑	107	35	114	↑	↑	g			\$45.67
EU10400-0080	80SU	89.1	101	↑	117	↑	140	↑	↑	g			\$51.33
EU10400-0100	100SU	114.3	126	↑	145	↑	165	↑	↑	g			\$56.17
EU10400-0125	125SU	139.8	154	W1/2	175	45	190	30	↑	g			\$95.33
EU10400-0150	150SU	165.2	182	↑	201	↑	218	↑	↑	g			\$108.17

ETFE Pipe Supporter Fluororesin Coated

9026

SGP pipe for steam piping [Stainless pipe]

Stainless ETFE Fluororesin coated Pipe Supporter

Stainless pipe

SG

Elastomer ✓RoHS2

Rebro

2D CAD 3D CAD

Temperature range: -200°C to +180°C

- ✓ Turnbuckle: SUS304
- ✓ Bolt: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy-black

Chlorine FREE in main material

Stainless Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Weight	Qty.	Shipping Unit	MSRP per PCS
EG10120-0015	15A	21.7	25	0.6	W3/8	M6×25	27	65.3	9			\$31.67
EG10120-0020	20A	27.2	25	↑	↑	↑	↑	68.6	9			\$32.67
EG10120-0025	25A	34.0	25	↑	↑	↑	↑	72.0	9			\$33.67
EG10120-0032	32A	42.7	25	↑	↑	↑	↑	76.4	9			\$34.50
EG10120-0040	40A	48.6	25	↑	↑	↑	↑	79.4	9			\$35.50
EG10120-0050	50A	60.5	25	↑	↑	↑	↑	85.4	9			\$37.83
EG10120-0065	65A	76.3	25	1.0	↑	M8×25	↑	95.4	9			\$42.83
EG10120-0080	80A	89.1	25	↑	↑	↑	↑	101.8	9			\$45.67
EG10120-0100	100A	114.3	25	↑	↑	↑	↑	114.4	9			\$47.67
EG10120-0125	125A	139.8	35	1.5	W1/2	M10×35	45	153.3	9			\$104.67
EG10120-0150	150A	165.2	35	↑	↑	↑	↑	166.1	9			\$117.33

Unichrome ETFE Pipe Hanger Fluororesin Coated

- ✓ Turnbuckle: Trivalent unichromate plating
- ✓ Bolt, Nut: Trivalent unichromate plating
- ✓ Band body: SUS430
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
EG10121-0015	15A		\$31.67
EG10121-0020	20A		\$32.67
EG10121-0025	25A		\$33.67
EG10121-0032	32A		\$34.50
EG10121-0040	40A		\$35.50
EG10121-0050	50A		\$37.83
EG10121-0065	65A		\$42.83
EG10121-0080	80A		\$45.67
EG10121-0100	100A		\$47.67
EG10121-0125	125A		\$104.67
EG10121-0150	150A		\$117.33

ETFE Pipe Supporter Fluororesin Coated

9026

SGP pipe for steam piping [Stainless pipe]

Stainless pipe

SG



✓RoHS2 



Chlorine FREE in main material

Stainless ETFE Fluororesin coated Pipe Supporter



-200°C  +180°C

- ✓ Bolt: SUS304
- ✓ Band body: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy-black

Stainless Product No.	SU Type	Pipe Diameter	Plate WDH (W)	Plate THK (t)	Hanging Bolt	Bolt & Nut B,N	C	H	Weight	Qty.	Shipping Unit	MSRP per PCS
EG10220-0015	15A	21.7	25	0.6	20	M6×20	47	56.9	9			\$31.17
EG10220-0020	20A	27.2	↑	↑	↑	↑	↑	59.8	9			\$32.17
EG10220-0025	25A	34.0	↑	↑	↑	↑	↑	63.4	9			\$33.17
EG10220-0032	32A	42.7	↑	↑	↑	↑	↑	67.9	9			\$34.17
EG10220-0040	40A	48.6	↑	↑	↑	↑	↑	70.9	9			\$36.00
EG10220-0050	50A	60.5	↑	↑	↑	↑	↑	76.9	9			\$37.50
EG10220-0065	65A	76.3	↑	1.0	↑	↑	↑	84.9	9			\$40.67
EG10220-0080	80A	89.1	↑	↑	↑	↑	↑	91.3	9			\$43.33
EG10220-0100	100A	114.3	↑	↑	↑	↑	↑	104.0	9			\$45.33
EG10220-0125	125A	139.8	32	1.5	25	M10×35	65	138.3	9			\$89.83
EG10220-0150	150A	165.2	↑	↑	↑	↑	↑	151.0	9			\$104.00

Unichrome ETFE Pipe Supporter Fluororesin Coated

- ✓ Bolt, Nut: Trivalent unichromate plating
- ✓ Band body: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Resin color: Navy-black



Stainless steel Product No.	SU Type	Shipping Unit	MSRP per PCS
EG10221-0015	15A		\$31.17
EG10221-0020	20A		\$32.17
EG10221-0025	25A		\$33.17
EG10221-0032	32A		\$34.17
EG10221-0040	40A		\$36.00
EG10221-0050	50A		\$37.50
EG10221-0065	65A		\$40.67
EG10221-0080	80A		\$43.33
EG10221-0100	100A		\$45.33
EG10221-0125	125A		\$89.83
EG10221-0150	150A		\$104.00

ETFE U-Bolt Fluororesin Coated

9028

Stainless

ETFE Fluororesin coated U-Bolt

SG

Stainless pipe

Elastomer

✓RoHS2

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

●
●
●
●
●
●
●
●
●
●
●

-200°C +180°C

- ✓ U-bolt body: SUS304
- ✓ Nut: SUS304
- ✓ Insulating resin: Fluororesin (ETFE)
- ✓ Insulating plate: Fluororesin (ETFE)
- ✓ Resin color: Navy-black

Stainless Product No.	SU Type	ETFE coated U-Bolt					Stabilizer plate			Weight	Qty.	Shipping Unit	MSRP per PCS
		D	P	d	H	A	b	W	t				
EG10400-0015	15A	21.7	34	W3/8	46	30	73	25	1.5	g			\$29.83
EG10400-0020	20A	27.2	40	↑	51	↑	73	↑	↑	g			\$31.17
EG10400-0025	25A	34.0	46	↑	59	↑	73	↑	↑	g			\$33.67
EG10400-0032	32A	42.7	56	↑	68	↑	88	↑	↑	g			\$35.67
EG10400-0040	40A	48.7	62	↑	74	↑	88	↑	↑	g			\$38.83
EG10400-0050	50A	60.5	74	↑	85	↑	114	↑	↑	g			\$42.33
EG10400-0065	65A	76.3	88	↑	107	35	114	↑	↑	g			\$45.67
EG10400-0080	80A	89.1	101	↑	117	↑	140	↑	↑	g			\$51.33
EG10400-0100	100A	114.3	126	↑	145	↑	165	↑	↑	g			\$56.17
EG10400-0125	125A	139.8	154	W1/2	175	45	190	30	↑	g			\$95.33
EG10400-0150	150A	165.2	182	↑	201	↑	218	↑	↑	g			\$108.17

HONEYCOMB SPACER® I&II

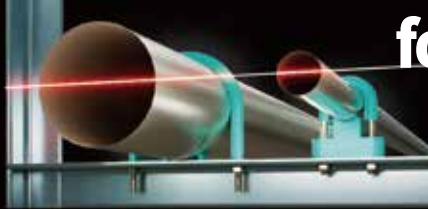
HONEYCOMB spacer Type-I for Flat U-Bolt High-length

HONEYCOMB spacer Type-II for U-Bolt / U Band

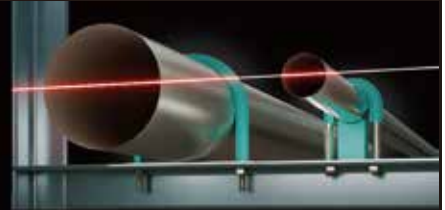
Fine adjustment

for pipe size difference

Type-I



Type-II

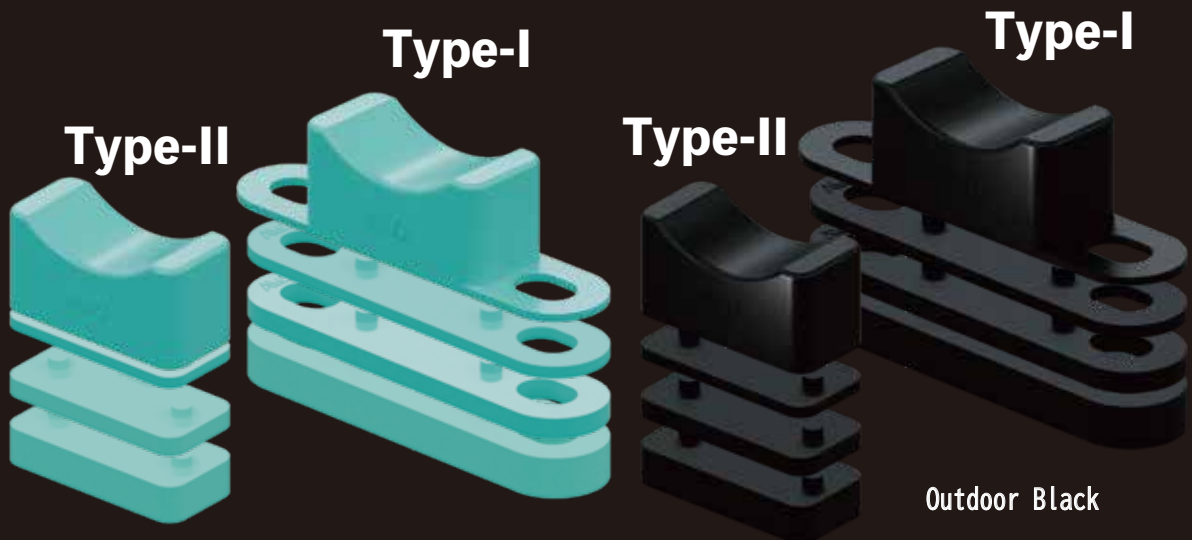


HONEYCOMB spacer Type-I plus Flat U-Bolt High-length
Applies for Flat U-Bolt High-length only.



HONEYCOMB spacer Type-II plus Flat U-Bolt High-length

The height can be adjusted for your choice by the shim plate in three ways.



Outdoor Black

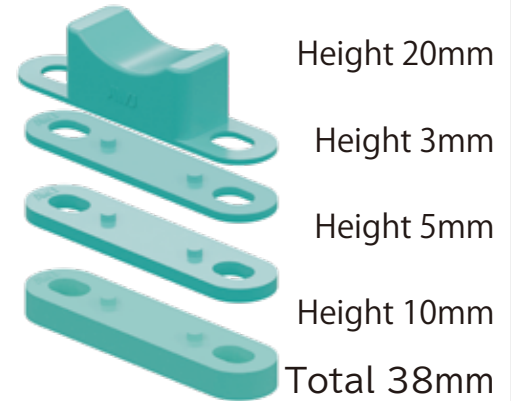
HONEYCOMB SPACER I&II[®]

When to adjust 150A and 80A

$$(165.2/2) - (89.1/2) = 38.05$$

Difference (mm)	25SU	30SU	40SU	50SU	60SU	75SU	80SU	100SU	125SU	150SU	200SU		
200SU	20SU	-3.18	-5.89	-10.24	-13.19	-19.14	-27.04	-33.54	-46.04	-58.79	-71.49	-97.04	
25	150SU	25SU	-2.71	-7.06	-10.01	-15.96	-23.86	-30.36	-42.86	-55.61	-68.31	-93.85	
38	13	125SU	30SU	-4.35	-7.30	-13.25	-21.15	-27.55	-40.15	-52.90	-65.60	-91.15	
51	25	12	100SU	40SU	-2.95	-8.90	-16.80	-23.20	-35.80	-48.58	-61.25	-86.80	
63	38	25	13	80SU	50SU	-5.95	-13.85	-20.25	-32.85	-45.60	-58.30	-83.85	
70	45	31	20	6	75SU	60SU	-7.90	-14.30	-26.90	-39.65	-52.35	-77.90	
78	53	40	26	15	8	3	40SU	75SU	-6.40	-19.00	-31.75	-44.45	-70.00
83	58	45	33	20	13	6	50SU	80SU	-12.60	-25.35	-38.05	-63.60	
86	60	48	36	23	16	8	3	100SU	-12.75	-25.45	-51.00		
91	65	53	40	28	20	13	5	30SU	125SU	-12.70	-38.25		
93	68	55	43	30	23	16	10	8	3	25SU/SG20	150SU	-25.55	
98	70	58	46	33	26	20	13	10	6	3	20SU/SG15	200SU	
200SU	150SU	125SU	100SU	80SU	75SU	60SU	50SU	40SU	30SU	25SU/SG20	Recommended(mm)		

Product No.: HSSU10-08038
The product consists of the following for items.



Please refer to P64/P67 as well for more combination.

Shock Absorption

When a honeycomb structure receives a impact from one direction, "force dispersion" works to disperse the impact in six directions with excellent shock absorption. HONEYCOMB spacer has this feature.

Thermal insulation/retention

The honeycomb structure contains a layer of air which is more than 95% of the total volume, and this air layer prevent air convection with excellent heat insulation and heat retention.

Muffling effect

It has the characteristic of dispersing sound in six directions with its shock-absorbing properties, which has muffling properties to eliminate noise from drainage and water supply pipes.



Light weight

Regular hexagons can be placed without gaps. Therefore, regular hexagons are the most efficient way to create the largest space. It means that can cover a larger space with light weight.



HONEYCOMB SPACER[®] | For Flat U-Bolt

9100

Height adjustment spacer SU pipe [Stainless pipe thin-walled] SG pipe [Stainless pipe]

Stainless pipe thin-walled
SU
Stainless pipe
SG

HONEYCOMB spacer Type-I

✓RoHS2
Elastomer
Rebro
-60°C +98°C
Insulating resin: Elastomer (TPE)
Resin color: AWJ blue
2D CAD 3D CAD
Chlorine FREE in main material
HONEYCOMB Spacer trademarked by AWJ co., Ltd.
D. 1698612

AWJ Blue Product No.	Type SU/SG	Pipe Diameter	P 1	P 2	L 1	L 2	W	H 1	H 2	X	Y	t	Weight	Qty.	Shipping Unit	MSRP per PCS
HSSG10-0015	SG15	21.7	34	6.5	64	17	25	20	22.5	15	11	2	7g	250	250	\$0.75
HSSG10-0020	SG20	27.2	40	13	70	23	↑	↑	23.0	↑	↑	↑	11g	200	200	\$0.92
HSSU10-0020	20SU	22.22	34	6.5	64	17	↑	↑	22.5	↑	↑	↑	7g	250	250	\$0.75
HSSU10-0025	25SU	28.58	40	13	70	23	↑	↑	23.0	↑	↑	↑	9g	200	200	\$0.92
HSSU10-0030	30SU/SG25	34.0	46	13	76	29	↑	↑	24.0	↑	↑	↑	11g	180	180	\$1.00
HSSU10-0040	40SU/SG32	42.7	56	26	86	38	↑	↑	24.5	↑	↑	↑	14g	150	150	\$1.33
HSSU10-0050	50SU/SG40	48.6	62	26	92	42	↑	↑	26.5	↑	↑	↑	18g	130	130	\$1.42
HSSU10-0060	60SU/SG50	60.5	74	39	104	54	↑	↑	27.0	↑	↑	↑	21g	100	100	\$1.83
HSSU10-0075	75SU/SG65	76.3	88	52	118	68	↑	↑	28.0	↑	↑	↑	26g	80	80	\$2.33
HSSU10-0080	80SU/SG80	89.1	101	65	131	81	↑	↑	29.0	↑	↑	↑	31g	60	60	\$2.92
HSSU10-0100	100SU/SG100	114.3	126	91	156	106	↑	↑	30.0	↑	↑	↑	42g	50	50	\$3.50

Outdoor Use HONEYCOMB spacer Type-I

- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor black



Outdoor black Product No.	SU/SG Type	Shipping Unit	MSRP per PCS
BHSSG10-0015	SG15	250	\$0.92
BHSSG10-0020	SG20	200	\$1.25
BHSSU10-0020	SU20	250	\$0.92
BHSSU10-0025	SU25	200	\$1.25
BHSSU10-0030	SU30/SG25	180	\$1.33
BHSSU10-0040	SU40/SG32	150	\$1.67
BHSSU10-0050	SU50/SG40	130	\$1.75
BHSSU10-0060	SU60/SG50	100	\$2.33
BHSSU10-0075	SU75/SG65	80	\$3.50
BHSSU10-0080	SU80/SG80	60	\$3.67
BHSSU10-0100	SU100/SG100	50	\$4.42

HONEYCOMB spacer Type-I

■ 25SU/SG20 ~ 100SU/SG100

■ 20SU/SG15

Insertion point

HONEYCOMB SPACER I[®] For Flat U-Bolt

9102

Shim-Plate for HONEYCOMB spacer Type-I

Stainless pipe thin-walled
SU

Stainless pipe
SG

■ 25SU/SG20 ~ 100SU/SG100

■ 20SU/SG15

Elastomer ✓RoHS2

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

Temperature range: -60°C to +98°C

Insulating resin: Elastomer (TPE)
Resin color: AWJ blue

D. 1698613

Outdoor Use Shim-plate for HONEYCOMB spacer Type-I

- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor black



3mm Shim-plate for Type-I (SU/SG)

AWJ Blue Product No.	SU/SG Type	P1	P2	L	W	D	H	h	X	Y	t	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG10-01503	SG15	34	6.5	64	25	5	2.5	2.6	15	11	3	4g	1,000	1,000	\$0.33	BHSSG10-01503	\$0.42
HSSG10-02003	SG20	40	13	70	↑	↑	↑	↑	↑	↑	↑	4g	1,000	1,000	\$0.42	BHSSG10-02003	\$0.50
HSSU10-02003	20SU	34	6.5	64	↑	↑	↑	↑	↑	↑	↑	3g	1,000	1,000	\$0.33	BHSSU10-02003	\$0.42
HSSU10-02503	25SU	40	13	70	↑	↑	↑	↑	↑	↑	↑	3g	1,000	1,000	\$0.33	BHSSU10-02503	\$0.42
HSSU10-03003	30SU/SG25	46	13	76	↑	↑	↑	↑	↑	↑	↑	4g	1,000	1,000	\$0.42	BHSSU10-03003	\$0.50
HSSU10-04003	40SU/SG32	56	26	86	↑	↑	↑	↑	↑	↑	↑	4g	1,000	1,000	\$0.42	BHSSU10-04003	\$0.50
HSSU10-05003	50SU/SG40	62	26	92	↑	↑	↑	↑	↑	↑	↑	5g	1,000	1,000	\$0.50	BHSSU10-05003	\$0.67
HSSU10-06003	60SU/SG50	74	39	104	↑	↑	↑	↑	↑	↑	↑	6g	1,000	1,000	\$0.50	BHSSU10-06003	\$0.67
HSSU10-07503	75SU/SG65	88	52	118	↑	↑	↑	↑	↑	↑	↑	7g	1,000	1,000	\$0.58	BHSSU10-07503	\$0.75
HSSU10-08003	80SU/SG80	101	65	131	↑	↑	↑	↑	↑	↑	↑	8g	1,000	1,000	\$0.67	BHSSU10-08003	\$0.83
HSSU10-10003	100SU/SG100	126	91	156	↑	↑	↑	↑	↑	↑	↑	11g	1,000	1,000	\$0.83	BHSSU10-10003	\$1.17

5mm Shim-plate for Type-I (SU/SG)

AWJ Blue Product No.	SU/SG Type	P1	P2	L	W	D	H	h	X	Y	t	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG10-01505	SG15	34	6.5	64	25	5	2.5	2.6	15	11	5	5g	1,000	1,000	\$0.42	BHSSG10-01505	\$0.50
HSSG10-02005	SG20	40	13	70	↑	↑	↑	↑	↑	↑	↑	5g	1,000	1,000	\$0.42	BHSSG10-02005	\$0.50
HSSU10-02005	20SU	34	6.5	64	↑	↑	↑	↑	↑	↑	↑	4g	1,000	1,000	\$0.42	BHSSU10-02005	\$0.50
HSSU10-02505	25SU	40	13	70	↑	↑	↑	↑	↑	↑	↑	4g	1,000	1,000	\$0.42	BHSSU10-02505	\$0.50
HSSU10-03005	30SU/SG25	46	13	76	↑	↑	↑	↑	↑	↑	↑	5g	1,000	1,000	\$0.50	BHSSU10-03005	\$0.67
HSSU10-04005	40SU/SG32	56	26	86	↑	↑	↑	↑	↑	↑	↑	6g	1,000	1,000	\$0.50	BHSSU10-04005	\$0.67
HSSU10-05005	50SU/SG40	62	26	92	↑	↑	↑	↑	↑	↑	↑	6g	1,000	1,000	\$0.58	BHSSU10-05005	\$0.75
HSSU10-06005	60SU/SG50	74	39	104	↑	↑	↑	↑	↑	↑	↑	7g	1,000	1,000	\$0.67	BHSSU10-06005	\$0.83
HSSU10-07505	75SU/SG65	88	52	118	↑	↑	↑	↑	↑	↑	↑	8g	1,000	1,000	\$0.75	BHSSU10-07505	\$0.92
HSSU10-08005	80SU/SG80	101	65	131	↑	↑	↑	↑	↑	↑	↑	9g	1,000	1,000	\$0.83	BHSSU10-08005	\$1.17
HSSU10-10005	100SU/SG100	126	91	156	↑	↑	↑	↑	↑	↑	↑	10g	1,000	1,000	\$0.92	BHSSU10-10005	\$1.25

10mm Shim-plate for Type-I (SU/SG)

AWJ Blue Product No.	SU/SG Type	P1	P2	L	W	D	H	h	X	Y	t	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG10-01510	SG15	34	6.5	64	25	5	2.5	2.6	15	11	10	7g	1,000	1,000	\$0.67	BHSSG10-01510	\$0.83
HSSG10-02010	SG20	40	13	70	↑	↑	↑	↑	↑	↑	↑	10g	1,000	1,000	\$0.75	BHSSG10-02010	\$0.92
HSSU10-02010	20SU	34	6.5	64	↑	↑	↑	↑	↑	↑	↑	7g	1,000	1,000	\$0.67	BHSSU10-02010	\$0.83
HSSU10-02510	25SU	40	13	70	↑	↑	↑	↑	↑	↑	↑	8g	1,000	1,000	\$0.75	BHSSU10-02510	\$0.92
HSSU10-03010	30SU/SG25	46	13	76	↑	↑	↑	↑	↑	↑	↑	9g	1,000	1,000	\$0.83	BHSSU10-03010	\$1.17
HSSU10-04010	40SU/SG32	56	26	86	↑	↑	↑	↑	↑	↑	↑	10g	1,000	1,000	\$0.92	BHSSU10-04010	\$1.25
HSSU10-05010	50SU/SG40	62	26	92	↑	↑	↑	↑	↑	↑	↑	11g	1,000	1,000	\$1.00	BHSSU10-05010	\$1.33
HSSU10-06010	60SU/SG50	74	39	104	↑	↑	↑	↑	↑	↑	↑	11g	1,000	1,000	\$1.17	BHSSU10-06010	\$1.42
HSSU10-07510	75SU/SG65	88	52	118	↑	↑	↑	↑	↑	↑	↑	13g	1,000	1,000	\$1.25	BHSSU10-07510	\$1.58
HSSU10-08010	80SU/SG80	101	65	131	↑	↑	↑	↑	↑	↑	↑	16g	1,000	1,000	\$1.42	BHSSU10-08010	\$1.75
HSSU10-10010	100SU/SG100	126	91	156	↑	↑	↑	↑	↑	↑	↑	19g	1,000	1,000	\$1.50	BHSSU10-10010	\$1.83

HONEYCOMB SPACER II[®] For U-bolt, U-band

9101

Height adjustment spacer [SU pipe [Stainless pipe thin-walled]] SG pipe [Stainless pipe]

Stainless pipe thin-walled

SU

Stainless pipe

SG

HONEYCOMB spacer Type-II

✓RoHS2

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

Elastomer

-60°C +98°C

✓ Insulating resin: Elastomer (TPE)
✓ Resin color: AWJ blue

PAT. 7179713

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

AWJ Blue Product No.	SU/SG Type	Pipe Diameter	P 1	L	W	H1	H2	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG20-0015	SG15	21.7	11.26	17	25	20	22.5	7g	250	250	\$0.67	BHSSG20-0015	\$0.83
HSSG20-0020	SG20	27.2	13	23	↑	↑	23.0	9g	200	200	\$0.83	BHSSG20-0020	\$1.17
HSSU20-0020	20SU	22.22	11.26	17	↑	↑	22.5	6g	250	250	\$0.67	BHSSU20-0020	\$0.83
HSSU20-0025	25SU	28.58	13	23	↑	↑	23.0	9g	200	200	\$0.83	BHSSU20-0025	\$1.17
HSSU20-0030	30SU/SG25	34.0	13	29	↑	↑	24.0	10g	180	180	\$0.92	BHSSU20-0030	\$1.25
HSSU20-0040	40SU/SG32	42.7	26	38	↑	↑	24.5	13g	150	150	\$1.17	BHSSU20-0040	\$1.42
HSSU20-0050	50SU/SG40	48.6	26	42	↑	↑	26.5	16g	130	130	\$1.33	BHSSU20-0050	\$1.67
HSSU20-0060	60SU/SG50	60.5	39	54	↑	↑	27.0	19g	100	100	\$1.75	BHSSU20-0060	\$2.25
HSSU20-0075	75SU/SG65	76.3	52	68	↑	↑	28.0	25g	80	80	\$2.25	BHSSU20-0075	\$2.75
HSSU20-0080	80SU/SG80	89.1	65	81	↑	↑	29.0	33g	60	60	\$2.67	BHSSU20-0080	\$3.42
HSSU20-0100	100SU/SG100	114.3	91	106	↑	↑	30.0	40g	50	50	\$3.25	BHSSU20-0100	\$4.08

Outdoor Use HONEYCOMB spacer Type-II

- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor black



HONEYCOMB spacer Type-II

■ 25SU/SG20 ~ 100SU/SG100

Insertion point

■ 20SU/SG15

HONEYCOMB SPACER II® For U-bolt, U-band

9103

Shim-Plate for HONEYCOMB spacer Type-II

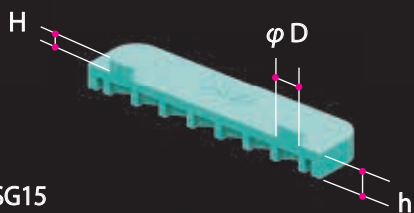
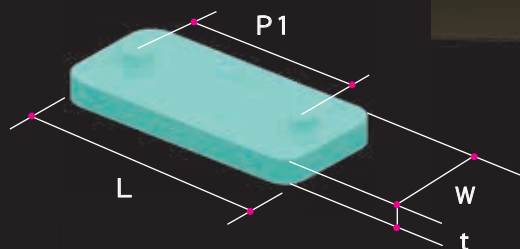
Stainless pipe thin-walled

SU

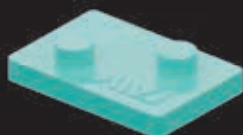
Stainless pipe

SG

25SU/SG20 ~ 100SU/SG100



20SU/SG15



-60°C +98°C

- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue



✓RoHS2



Chlorine FREE in main material

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

Outdoor Use Shim-plate for HONEYCOMB spacer Type-II

- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor black

3mm



5mm



10mm



3mm Shim-plate for Type-II (SU/SG)

AWJ Blue Product No.	SU/SG Type	P1	L	W	D	H	h	t	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG20-01503	SG15	34	64	25	5	2.5	2.6	3	2g		1,000	\$0.25	BHSSG20-01503	\$0.33
HSSG20-02003	SG20	40	70	↑	↑	↑	↑	↑	2g		1,000	\$0.25	BHSSG20-02003	\$0.33
HSSU20-02003	20SU	34	64	↑	↑	↑	↑	↑	1g		1,000	\$0.25	BHSSU20-02003	\$0.33
HSSU20-02503	25SU	40	70	↑	↑	↑	↑	↑	2g		1,000	\$0.25	BHSSU20-02503	\$0.33
HSSU20-03003	30SU/SG25	46	76	↑	↑	↑	↑	↑	2g		1,000	\$0.25	BHSSU20-03003	\$0.33
HSSU20-04003	40SU/SG32	56	86	↑	↑	↑	↑	↑	2g		1,000	\$0.33	BHSSU20-04003	\$0.42
HSSU20-05003	50SU/SG40	62	92	↑	↑	↑	↑	↑	3g		1,000	\$0.33	BHSSU20-05003	\$0.42
HSSU20-06003	60SU/SG50	74	104	↑	↑	↑	↑	↑	3g		1,000	\$0.42	BHSSU20-06003	\$0.50
HSSU20-07503	75SU/SG65	88	118	↑	↑	↑	↑	↑	4g		1,000	\$0.42	BHSSU20-07503	\$0.50
HSSU20-08003	80SU/SG80	101	131	↑	↑	↑	↑	↑	5g		1,000	\$0.50	BHSSU20-08003	\$0.67
HSSU20-10003	100SU/SG100	126	156	↑	↑	↑	↑	↑	7g		1,000	\$0.67	BHSSU20-10003	\$0.83

5mm Shim-plate for Type-II (SU/SG)

AWJ Blue Product No.	SU/SG Type	P1	L	W	D	H	h	t	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG20-01505	SG15	34	64	25	5	2.5	2.6	5	2g		1,000	\$0.33	BHSSG20-01505	\$0.42
HSSG20-02005	SG20	40	70	↑	↑	↑	↑	↑	3g		1,000	\$0.33	BHSSG20-02005	\$0.42
HSSU20-02005	20SU	34	64	↑	↑	↑	↑	↑	1g		1,000	\$0.33	BHSSU20-02005	\$0.42
HSSU20-02505	25SU	40	70	↑	↑	↑	↑	↑	2g		1,000	\$0.33	BHSSU20-02505	\$0.42
HSSU20-03005	30SU/SG25	46	76	↑	↑	↑	↑	↑	2g		1,000	\$0.33	BHSSU20-03005	\$0.42
HSSU20-04005	40SU/SG32	56	86	↑	↑	↑	↑	↑	3g		1,000	\$0.42	BHSSU20-04005	\$0.50
HSSU20-05005	50SU/SG40	62	92	↑	↑	↑	↑	↑	3g		1,000	\$0.50	BHSSU20-05005	\$0.58
HSSU20-06005	60SU/SG50	74	104	↑	↑	↑	↑	↑	4g		1,000	\$0.50	BHSSU20-06005	\$0.58
HSSU20-07505	75SU/SG65	88	118	↑	↑	↑	↑	↑	5g		1,000	\$0.58	BHSSU20-07505	\$0.75
HSSU20-08005	80SU/SG80	101	131	↑	↑	↑	↑	↑	6g		1,000	\$0.67	BHSSU20-08005	\$0.83
HSSU20-10005	100SU/SG100	126	156	↑	↑	↑	↑	↑	8g		1,000	\$0.83	BHSSU20-10005	\$1.08

10mm Shim-plate for Type-II (SU/SG)

AWJ Blue Product No.	SU/SG Type	P1	L	W	D	H	h	t	Weight	Qty.	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
HSSG20-01510	SG15	34	64	25	5	2.5	2.6	10	3g		1,000	\$0.42	BHSSG20-01510	\$0.50
HSSG20-02010	SG20	40	70	↑	↑	↑	↑	↑	4g		1,000	\$0.42	BHSSG20-02010	\$0.50
HSSU20-02010	20SU	34	64	↑	↑	↑	↑	↑	3g		1,000	\$0.42	BHSSU20-02010	\$0.50
HSSU20-02510	25SU	40	70	↑	↑	↑	↑	↑	3g		1,000	\$0.42	BHSSU20-02510	\$0.50
HSSU20-03010	30SU/SG25	46	76	↑	↑	↑	↑	↑	4g		1,000	\$0.42	BHSSU20-03010	\$0.50
HSSU20-04010	40SU/SG32	56	86	↑	↑	↑	↑	↑	5g		1,000	\$0.50	BHSSU20-04010	\$0.58
HSSU20-05010	50SU/SG40	62	92	↑	↑	↑	↑	↑	6g		1,000	\$0.58	BHSSU20-05010	\$0.75
HSSU20-06010	60SU/SG50	74	104	↑	↑	↑	↑	↑	7g		1,000	\$0.67	BHSSU20-06010	\$0.83
HSSU20-07510	75SU/SG65	88	118	↑	↑	↑	↑	↑	10g		1,000	\$0.83	BHSSU20-07510	\$1.17
HSSU20-08010	80SU/SG80	101	131	↑	↑	↑	↑	↑	11g		1,000	\$1.08	BHSSU20-08010	\$1.33
HSSU20-10010	100SU/SG100	126	156	↑	↑	↑	↑	↑	14g		1,000	\$1.17	BHSSU20-10010	\$1.50

FLATUBOLT® & HONEYCOMB SPACER® I SET

9104

Stainless pipe thin-walled

SU

Stainless pipe

SG

✓RoHS2 Elastomer

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

-60°C +98°C

- ✓ Thermal insulation construction
- ✓ Piping height adjustment
- ✓ Elastomer (TPE)
- ✓ Resin color: AWJ blue
- ✓ Resin color: Outdoor black

PAT. 7057244
PAT. 7254015
PAT. 7179713
D. 1698612
D. 1698613

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

Unichrome		SU/SG Type	MSRP per PCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSG10349-0153	-0155	SG15	\$8.58	\$10.08
HSG10349-0203	-0205	SG20	\$8.83	\$10.50
HSU10349-0203	-0205	20SU	\$7.92	\$9.50
HSU10349-0253	-0255	25SU	\$8.58	\$10.17
HSU10349-0303	-0305	30SU/SG25	\$9.00	\$10.83
HSU10349-0403	-0405	40SU/SG32	\$9.67	\$11.58
HSU10349-0503	-0505	50SU/SG40	\$10.00	\$12.08
HSU10349-0603	-0605	60SU/SG50	\$10.75	\$13.17
HSU10349-0753	-0755	75SU/SG65	\$11.92	\$14.50
HSU10349-0803	-0805	80SU/SG80	\$13.08	\$16.00
HSU10349-1003	-1005	100SU/SG100	\$14.50	\$17.58

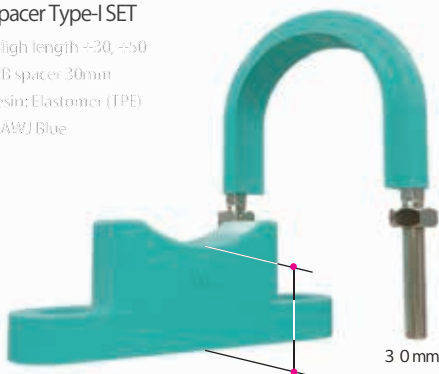
Stainless		SU/SG Type	MSRP per PCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSU10350-0153	-0155	SG15	\$14.33	\$17.58
HSG10350-0203	-0205	SG20	\$14.58	\$18.00
HSU10350-0203	-0205	20SU	\$13.83	\$17.25
HSU10350-0253	-0255	25SU	\$14.42	\$17.92
HSU10350-0303	-0305	30SU/SG25	\$14.75	\$18.33
HSU10350-0403	-0405	40SU/SG32	\$17.58	\$19.75
HSU10350-0503	-0505	50SU/SG40	\$18.25	\$20.67
HSU10350-0603	-0605	60SU/SG50	\$19.25	\$21.92
HSU10350-0753	-0755	75SU/SG65	\$20.58	\$23.42
HSU10350-0803	-0805	80SU/SG80	\$22.17	\$25.17
HSU10350-1003	-1005	100SU/SG100	\$22.33	\$27.08

Unichrome **Stainless**

Indoor use Flat U-Bolt High length +30, +50

HONEYCOMB spacer Type-I SET

- ✓ Flat U-Bolt High length +30, +50
- ✓ HONEYCOMB spacer 30mm
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue



Hot-dip galvanizing		SU/SG Type	MSRP per PCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSG10359-0153	-0155	SG15	\$17.08	\$19.33
HSG10359-0203	-0205	SG20	\$17.50	\$19.92
HSU10359-0203	-0205	20SU	\$14.50	\$18.25
HSU10359-0253	-0255	25SU	\$17.00	\$19.33
HSU10359-0303	-0305	30SU/SG25	\$17.83	\$20.75
HSU10359-0403	-0405	40SU/SG32	\$18.83	\$21.92
HSU10359-0503	-0505	50SU/SG40	\$19.58	\$22.75
HSU10359-0603	-0605	60SU/SG50	\$20.75	\$24.08
HSU10359-0753	-0755	75SU/SG65	\$22.58	\$26.33
HSU10359-0803	-0805	80SU/SG80	\$24.08	\$28.08
HSU10359-1003	-1005	100SU/SG100	\$26.00	\$30.25

Hotdip galvanizing **Stainless**

Outdoor use Flat U-Bolt High length +30, +50

HONEYCOMB spacer Type-I SET

- ✓ Flat U-Bolt High length +30, +50
- ✓ HONEYCOMB spacer 30mm
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless for outdoor use		SU/SG Type	MSRP per PCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSG10354-0153	-0155	SG15	\$17.08	\$19.33
HSG10354-0203	-0205	SG20	\$17.50	\$19.92
HSU10354-0203	-0205	20SU	\$14.50	\$18.25
HSU10354-0253	-0255	25SU	\$17.00	\$19.33
HSU10354-0303	-0305	30SU/SG25	\$17.83	\$20.75
HSU10354-0403	-0405	40SU/SG32	\$18.83	\$21.92
HSU10354-0503	-0505	50SU/SG40	\$19.58	\$22.75
HSU10354-0603	-0605	60SU/SG50	\$20.75	\$24.08
HSU10354-0753	-0755	75SU/SG65	\$22.58	\$26.33
HSU10354-0803	-0805	80SU/SG80	\$24.08	\$28.08
HSU10354-1003	-1005	100SU/SG100	\$26.00	\$30.25

FLATBOLT® & HONEYCOMB SPACER® II SET

9105

-60°C ●●●●● ●●●●● +98°C
 Elastomer ✓RoHS2 Rebro
 2D CAD 3D CAD
 Chlorine FREE in main material
 SU SG
 Stainless pipe thin-walled
 Stainless pipe
 ✓ U-Bolt body: Trivalent unichromate plating
 ✓ Nut: Trivalent unichromate plating
 ✓ Insulating resin: Elastomer (TPE)
 ✓ Resin color: AWJ blue
 PAT. 7057244
 PAT. 7254015
 PAT. 7179713
 HONEYCOMB Spacer trademarked by AWJ co., Ltd.

Height adjustment spacer & shim-plate+30+50

SU pipe [Stainless pipe thin-walled]

SG pipe [Stainless pipe]

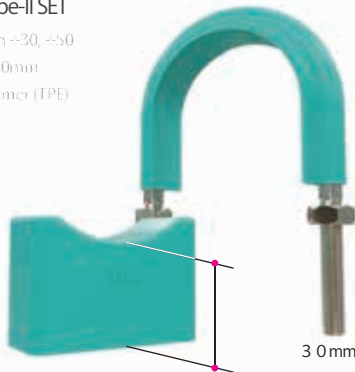
Unichrome		SU/SGType	MSRP perPCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSG20349-0153	-0155	SG15	\$8.25	\$9.25
HSG20349-0203	-0205	SG20	\$8.42	\$9.42
HSU20349-0203	-0205	20SU	\$7.58	\$8.67
HSU20349-0253	-0255	25SU	\$8.17	\$9.08
HSU20349-0303	-0305	30SU/SG25	\$8.50	\$9.50
HSU20349-0403	-0405	40SU/SG32	\$9.08	\$10.17
HSU20349-0503	-0505	50SU/SG40	\$9.50	\$10.75
HSU20349-0603	-0605	60SU/SG50	\$10.17	\$11.58
HSU20349-0753	-0755	75SU/SG65	\$11.42	\$13.17
HSU20349-0803	-0805	80SU/SG80	\$12.50	\$14.75
HSU20349-1003	-1005	100SU/SG100	\$13.92	\$16.33

Stainless		SU/SGType	MSRP perPCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSU20350-0153	-0155	SG15	\$14.00	\$16.75
HSG20350-0203	-0205	SG20	\$14.17	\$16.92
HSU20350-0203	-0205	20SU	\$13.50	\$16.42
HSU20350-0253	-0255	25SU	\$14.00	\$16.83
HSU20350-0303	-0305	30SU/SG25	\$14.25	\$14.00
HSU20350-0403	-0405	40SU/SG32	\$17.00	\$18.33
HSU20350-0503	-0505	50SU/SG40	\$17.75	\$19.33
HSU20350-0603	-0605	60SU/SG50	\$18.67	\$20.33
HSU20350-0753	-0755	75SU/SG65	\$20.08	\$22.08
HSU20350-0803	-0805	80SU/SG80	\$21.58	\$23.92
HSU20350-1003	-1005	100SU/SG100	\$22.75	\$25.83

Unichrome **Stainless**
Indoor use Flat U-Bolt High length +30, +50

HONEYCOMB spacer Type-II SET

- ✓ Flat U-Bolt High length +30, +50
- ✓ HONEYCOMB spacer 30mm
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: AWJ Blue

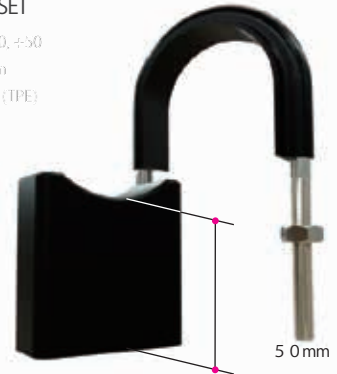


Hot-dip galvanizing		SU/SGType	MSRP perPCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSG20359-0153	-0155	SG15	\$16.67	\$18.25
HSG20359-0203	-0205	SG20	\$17.00	\$18.58
HSU20359-0203	-0205	20SU	\$14.08	\$17.17
HSU20359-0253	-0255	25SU	\$16.50	\$18.00
HSU20359-0303	-0305	30SU/SG25	\$17.08	\$18.67
HSU20359-0403	-0405	40SU/SG32	\$17.92	\$19.67
HSU20359-0503	-0505	50SU/SG40	\$18.92	\$20.92
HSU20359-0603	-0605	60SU/SG50	\$20.08	\$22.25
HSU20359-0753	-0755	75SU/SG65	\$21.42	\$24.33
HSU20359-0803	-0805	80SU/SG80	\$23.42	\$26.58
HSU20359-1003	-1005	100SU/SG100	\$25.33	\$28.92

Hotdip galvanizing **Stainless**
Outdoor use Flat U-Bolt High length +30, +50

HONEYCOMB spacer Type-II SET

- ✓ Flat U-Bolt High length +30, +50
- ✓ HONEYCOMB spacer 30mm
- ✓ Insulating resin: Elastomer (TPE)
- ✓ Resin color: Outdoor Black



Stainless for outdoor use		SU/SGType	MSRP perPCS	
Product No. [+30]	[+50]		[+30]	[+50]
HSG20354-0153	-0155	SG15	\$16.67	\$18.25
HSG20354-0203	-0205	SG20	\$17.00	\$18.58
HSU20354-0203	-0205	20SU	\$14.08	\$17.17
HSU20354-0253	-0255	25SU	\$16.50	\$18.00
HSU20354-0303	-0305	30SU/SG25	\$17.08	\$18.67
HSU20354-0403	-0405	40SU/SG32	\$17.92	\$19.67
HSU20354-0503	-0505	50SU/SG40	\$18.92	\$20.92
HSU20354-0603	-0605	60SU/SG50	\$20.08	\$22.25
HSU20354-0753	-0755	75SU/SG65	\$21.42	\$24.33
HSU20354-0803	-0805	80SU/SG80	\$23.42	\$26.58
HSU20354-1003	-1005	100SU/SG100	\$25.33	\$28.92

HONEYCOMB SPACER[®] I & SHIM For Flat U-Bolt

9100

Height adjustment spacer & shim-plate SET SU pipe [Stainless pipe thin-walled] SG pipe [Stainless pipe]

Stainless pipe thin-walled

SU

Stainless pipe

SG

Height adjustment shim

PAT. 7057244
PAT. 7254015
PAT. 7179713
D. 1698612
D. 1698613

✓RoHS2 Elastomer

Rebro

2D CAD 3D CAD

Chlorine FREE in main material

-60°C +98°C

- ✓ HONEYCOMB spacer: Elastomer (TPE)
- ✓ Shim-plate: Elastomer (TPE)
- ✓ Resin color: AWJ blue
- ✓ Resin color: Outdoor black

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

Difference(mm)	25SU	30SU	40SU	50SU	60SU	75SU	80SU	100SU	125SU	150SU	200SU			
		20SU												
			20SU											
25				150SU										
38	13				125SU									
51	25	13				100SU								
63	38	25	13				80SU							
70	48	31	20	6				75SU						
78	70	40	26	15	8				60SU					
83	78	45	33	20	13	6				50SU				
86	83	48	36	23	16	8	3				40SU			
91	86	53	40	28	20	13	8	5				30SU		
93	91	55	43	30	23	16	10	8	3				25SU	
98	93	58	46	33	26	20	13	10	6	3				20SU
200SU	150SU	125SU	100SU	80SU	75SU	60SU	50SU	40SU	30SU	25SU	Recommended(mm)			

HONEYCOMB SPACER[®] I SET

PAT. 7057244
 PAT. 7254015
 PAT. 7179713
 D. 1698612
 D. 1698613

9106

List of center height adjustment plate combinations for parallel piping

Reference piping 200SU/SG200 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-15025	200SU/SG200 ⇒ 150SU/SG150	25		2	1		25mm	100	\$3.67	BHSSU10-15025	\$4.08
HSSU10-12538	⇒ 125SU/SG125	38		3	1	1	38mm	100	\$5.00	BHSSU10-12538	\$6.42
HSSU10-10051	⇒ 100SU/SG100	51	20mm	2	1	2	51mm	50	\$9.08	BHSSU10-10051	\$11.67
HSSU10-08063	⇒ 80SU/SG80	63	20mm	4		1	63mm	50	\$9.25	BHSSU10-08063	\$11.50
HSSU10-07570	⇒ 75SU/SG65	70	20mm	5			70mm	50	\$8.58	BHSSU10-07570	\$11.42
HSSU10-06078	⇒ 60SU/SG50	78	20mm	5	1	1	78mm	50	\$8.83	BHSSU10-06078	\$10.92
HSSU10-05083	⇒ 50SU/SG40	83	20mm	6		1	83mm	50	\$7.92	BHSSU10-05083	\$10.42
HSSU10-04086	⇒ 40SU/SG32	86	20mm	6		2	86mm	50	\$7.67	BHSSU10-04086	\$10.17
HSSU10-03091	⇒ 30SU/SG25	91	20mm	6	1	2	91mm	50	\$7.33	BHSSU10-03091	\$10.00
HSSU10-02593	⇒ 25SU/SG20	93	20mm	7		1	93mm	50	\$6.50	BHSSU10-02593	\$8.08
HSSU10-02098	⇒ 20SU/SG15	98	20mm	7	1	1	98mm	50	\$6.17	BHSSU10-02098	\$8.25

Reference piping 150SU/SG150 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-12513	150SU/SG150 ⇒ 125SU/SG125	13		1		1	13mm	300	\$1.83	BHSSU10-12513	\$2.33
HSSU10-10025	⇒ 100SU/SG100	25	20mm		1		25mm	100	\$4.42	BHSSU10-10025	\$5.67
HSSU10-08038	⇒ 80SU/SG80	38	20mm	1	1	1	38mm	50	\$5.83	BHSSU10-08038	\$7.42
HSSU10-07548	⇒ 75SU/SG65	48	20mm	2	1	1	48mm	50	\$6.17	BHSSU10-07548	\$8.33
HSSU10-06070	⇒ 60SU/SG50	70	20mm	5			70mm	50	\$7.67	BHSSU10-06070	\$9.42
HSSU10-05078	⇒ 50SU/SG40	78	20mm	5	1	1	78mm	50	\$7.50	BHSSU10-05078	\$9.83
HSSU10-04083	⇒ 40SU/SG32	83	20mm	6		1	83mm	50	\$7.25	BHSSU10-04083	\$9.67
HSSU10-03086	⇒ 30SU/SG25	86	20mm	6		2	86mm	50	\$6.83	BHSSU10-03086	\$9.33
HSSU10-02591	⇒ 25SU/SG20	91	20mm	6	1	2	91mm	50	\$6.50	BHSSU10-02591	\$8.08
HSSU10-02093	⇒ 20SU/SG15	93	20mm	7		1	93mm	50	\$5.75	BHSSU10-02093	\$7.17

Reference piping 125SU/SG125 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-10012	125SU/SG125 ⇒ 100SU/SG100	12				4	12mm	100	\$3.33	BHSSU10-10012	\$4.67
HSSU10-08025	⇒ 80SU/SG80	25	20mm		1		25mm	100	\$3.75	BHSSU10-08025	\$4.83
HSSU10-07531	⇒ 75SU/SG65	31	20mm		1	2	31mm	100	\$4.25	BHSSU10-07531	\$5.92
HSSU10-06040	⇒ 60SU/SG50	40	20mm	2			40mm	100	\$4.17	BHSSU10-06040	\$5.17
HSSU10-05045	⇒ 50SU/SG40	45	20mm	2	1		45mm	100	\$4.00	BHSSU10-05045	\$5.17
HSSU10-04048	⇒ 40SU/SG32	48	20mm	2	1	1	48mm	100	\$4.08	BHSSU10-04048	\$5.33
HSSU10-03053	⇒ 30SU/SG25	53	20mm	3		1	53mm	100	\$3.92	BHSSU10-03053	\$5.33
HSSU10-02555	⇒ 25SU/SG20	55	20mm	3	1		55mm	100	\$3.58	BHSSU10-02555	\$4.50
HSSU10-02058	⇒ 20SU/SG15	58	20mm	3	1	1	58mm	100	\$3.50	BHSSU10-02058	\$4.33

Reference piping 100SU/SG100 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-08013	100SU/SG100 ⇒ 80SU/SG80	13		1		1	13mm	200	\$2.08	BHSSU10-08013	\$2.58
HSSU10-07520	⇒ 75SU/SG65	20	20mm				20mm	200	\$2.33	BHSSU10-07520	\$3.50
HSSU10-06026	⇒ 60SU/SG50	26	20mm			2	26mm	200	\$2.83	BHSSU10-06026	\$3.67
HSSU10-05033	⇒ 50SU/SG40	33	20mm	1		1	33mm	200	\$2.92	BHSSU10-05033	\$3.75
HSSU10-04036	⇒ 40SU/SG32	36	20mm	1		2	36mm	200	\$3.08	BHSSU10-04036	\$3.92
HSSU10-03040	⇒ 30SU/SG25	40	20mm	2			40mm	200	\$2.67	BHSSU10-03040	\$3.67
HSSU10-02543	⇒ 25SU/SG20	43	20mm	2		1	43mm	200	\$2.75	BHSSU10-02543	\$3.50
HSSU10-02046	⇒ 20SU/SG15	46	20mm	2		2	46mm	200	\$2.75	BHSSU10-02046	\$3.42

HONEYCOMB SPACER[®] I SET

PAT. 7057244
 PAT. 7254015
 PAT. 7179713
 D. 1698612
 D. 1698613

9106

List of center height adjustment plate combinations for parallel piping

Reference piping 80SU/SG80 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-07506	80SU/SG80 ⇨ 75SU/SG65	6				2	6mm	500	\$1.17	BHSSU10-07506	\$1.50
HSSU10-06015	↑ ⇨ 60SU/SG50	15		1	1		15mm	300	\$1.83	BHSSU10-06015	\$2.25
HSSU10-05020	⇨ 50SU/SG40	20	20mm				20mm	200	\$1.42	BHSSU10-05020	\$1.75
HSSU10-04023	⇨ 40SU/SG32	23	20mm			1	23mm	300	\$1.75	BHSSU10-04023	\$2.17
HSSU10-03028	⇨ 30SU/SG25	28	20mm		1	1	28mm	300	\$1.92	BHSSU10-03028	\$2.50
HSSU10-02530	⇨ 25SU/SG20	30	20mm	1			30mm	300	\$1.67	BHSSU10-02530	\$2.17
HSSU10-02033	⇨ 20SU/SG15	33	20mm	1		1	33mm	300	\$1.75	BHSSU10-02033	\$2.17

Reference piping 75SU/SG65 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-06008	75SU/SG65 ⇨ 60SU/SG50	8			1	1	8mm	500	\$1.17	BHSSU10-06008	\$1.50
HSSU10-05013	↑ ⇨ 50SU/SG40	13		1		1	13mm	300	\$1.50	BHSSU10-05013	\$2.00
HSSU10-04016	⇨ 40SU/SG32	16		1		2	16mm	300	\$1.75	BHSSU10-04016	\$2.25
HSSU10-03020	⇨ 30SU/SG25	20	20mm				20mm	300	\$1.00	BHSSU10-03020	\$1.33
HSSU10-02523	⇨ 25SU/SG20	23	20mm			1	23mm	300	\$1.25	BHSSU10-02523	\$1.67
HSSU10-02026	⇨ 20SU/SG15	26	20mm			2	26mm	300	\$1.42	BHSSU10-02026	\$1.75

Reference piping 60SU/SG50 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-05006	60SU/SG50 ⇨ 50SU/SG40	6				2	6mm	500	\$1.00	BHSSU10-05006	\$1.33
HSSU10-04008	↑ ⇨ 40SU/SG32	8			1	1	8mm	500	\$0.92	BHSSU10-04008	\$1.17
HSSU10-03013	⇨ 30SU/SG25	13		1		1	13mm	300	\$1.25	BHSSU10-03013	\$1.67
HSSU10-02516	⇨ 25SU/SG20	16		1		2	16mm	300	\$1.42	BHSSU10-02516	\$1.75
HSSU10-02020	⇨ 20SU/SG15	20	20mm				20mm	300	\$0.75	BHSSU10-02020	\$0.92

Reference piping 50SU/SG40 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-04003	50SU/SG40 ⇨ 40SU/SG32	3				1	3mm	400	\$0.42	BHSSU10-04003	\$0.50
HSSU10-03008	↑ ⇨ 30SU/SG25	8			1	1	8mm	500	\$0.92	BHSSU10-03008	\$1.17
HSSU10-02510	⇨ 25SU/SG20	10		1			10mm	500	\$0.75	BHSSU10-02510	\$0.92
HSSU10-02013	⇨ 20SU/SG15	13		1		1	13mm	500	\$1.00	BHSSU10-02013	\$1.25

Reference piping 40SU/SG32 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-03005	40SU/SG32 ⇨ 30SU/SG25	5			1		5mm	400	\$0.50	BHSSU10-03005	\$0.67
HSSU10-02508	↑ ⇨ 25SU/SG20	8			1	1	8mm	500	\$0.75	BHSSU10-02508	\$0.92
HSSU10-02010	⇨ 20SU/SG15	10		1			10mm	500	\$0.67	BHSSU10-02010	\$0.83

Reference piping 30SU/SG20 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-02503	30SU/SG25 ⇨ 25SU/SG20	3				1	3mm	500	\$0.33	BHSSU10-02503	\$0.42
HSSU10-02006	↑ ⇨ 20SU/SG15	6				2	6mm	500	\$0.67	BHSSU10-02006	\$0.83

Reference piping 25SU/SG15 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU10-02003	25SU/SG20 ⇨ 20SU/SG15	3				1	3mm	500	\$0.33	BHSSU10-02003	\$0.42

PAT. 7179713

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

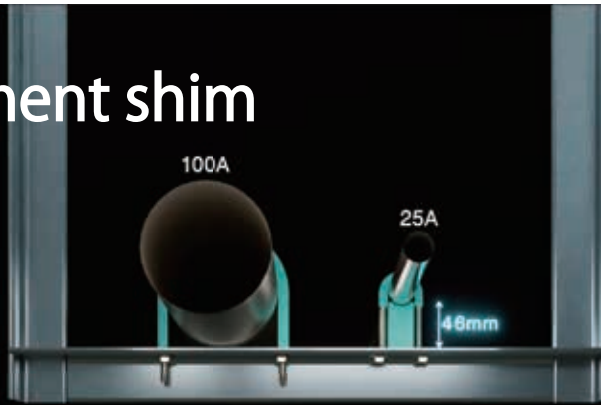
HONEYCOMB SPACER® II & SHIM

9107

Height adjustment spacer & shim-plate SET SU pipe [Stainless pipe thin-walled] SG pipe [Stainless pipe]

Height adjustment shim

PAT. 7179713



Stainless pipe thin-walled
SU
Stainless pipe
SG

✓RoHS2

Elastomer

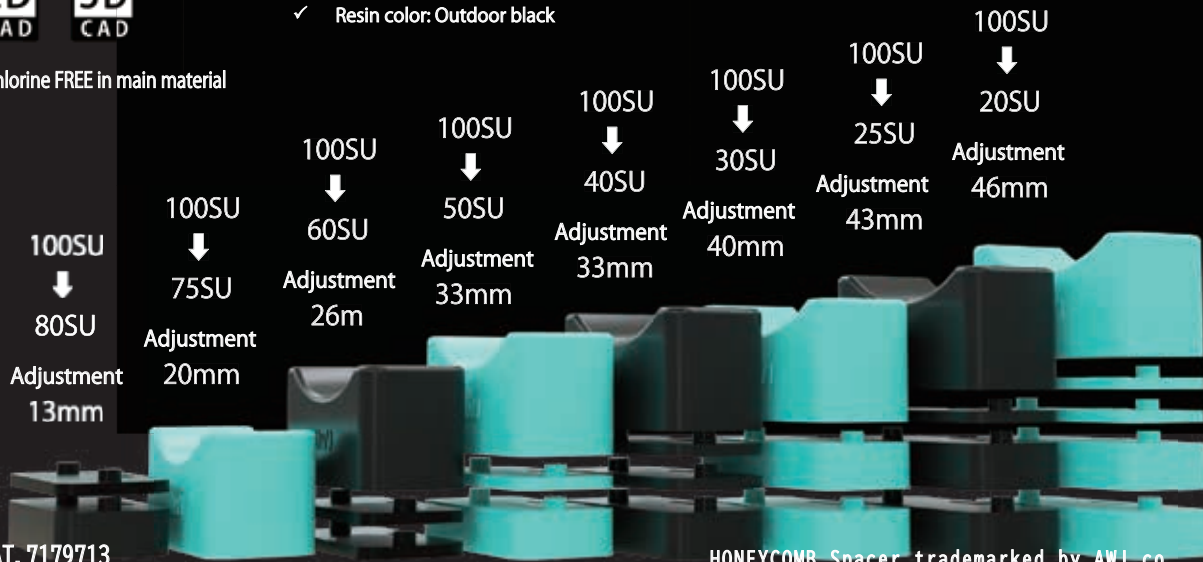
Rebro

-60°C ●●●●●●●● ●●●●●●●● +98°C

- ✓ HONEYCOMB spacer: Elastomer (TPE)
- ✓ Shim-plate: Elastomer (TPE)
- ✓ Resin color: AWJ blue
- ✓ Resin color: Outdoor black

2D CAD 3D CAD

Chlorine FREE in main material



PAT. 7179713

HONEYCOMB Spacer trademarked by AWJ co., Ltd.

Diameter(mm)	25SU	30SU	40SU	50SU	60SU	75SU	80SU	100SU	125SU	150SU	200SU
		20SU									
25											
38	13										
51	25	13									
63	38	25	13								
70	48	31	20	6							
78	70	40	26	15	8						
83	78	45	33	20	13	6					
86	83	48	36	23	16	8	3				
91	86	53	40	28	20	13	8	5			
93	91	55	43	30	23	16	10	8	3		
98	93	58	46	33	26	20	13	10	6	3	
200SU	150SU	125SU	100SU	80SU	75SU	60SU	50SU	40SU	30SU	25SU	Recommended(mm)

HONEYCOMB SPACER® II SET

9107

List of center height adjustment plate combinations for parallel piping

Reference piping 200SU/SG200 Height adjustment

PAT. 7179713

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-15025	200SU/SG200 ⇒ 150SU/SG150	25		2	1		25mm	100	\$3.17	BHSSU20-15025	\$3.25
HSSU20-12538	⇒ 125SU/SG125	38		3	1	1	38mm	100	\$5.00	BHSSU20-12538	\$6.42
HSSU20-10051	⇒ 100SU/SG100	51	20mm	2	1	2	51mm	50	\$7.75	BHSSU20-10051	\$9.83
HSSU20-08063	⇒ 80SU/SG80	63	20mm	4		1	63mm	50	\$7.50	BHSSU20-08063	\$9.42
HSSU20-07570	⇒ 75SU/SG65	70	20mm	5			70mm	50	\$6.42	BHSSU20-07570	\$8.58
HSSU20-06078	⇒ 60SU/SG50	78	20mm	5	1	1	78mm	50	\$6.00	BHSSU20-06078	\$7.50
HSSU20-05083	⇒ 50SU/SG40	83	20mm	6		1	83mm	50	\$5.17	BHSSU20-05083	\$6.58
HSSU20-04086	⇒ 40SU/SG32	86	20mm	6		2	86mm	50	\$4.83	BHSSU20-04086	\$5.75
HSSU20-03091	⇒ 30SU/SG25	91	20mm	6	1	2	91mm	50	\$4.25	BHSSU20-03091	\$5.33
HSSU20-02593	⇒ 25SU/SG20	93	20mm	7		1	93mm	50	\$4.00	BHSSU20-02593	\$5.00
HSSU20-02098	⇒ 20SU/SG15	98	20mm	7	1	1	98mm	50	\$4.17	BHSSU20-02098	\$5.08

Reference piping 150SU/SG150 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-12513	150SU/SG150 ⇒ 125SU/SG125	13		1		1	13mm	300	\$1.83	BHSSU20-12513	\$2.33
HSSU20-10025	⇒ 100SU/SG100	25	20mm		1		25mm	100	\$4.08	BHSSU20-10025	\$5.17
HSSU20-08038	⇒ 80SU/SG80	38	20mm	1	1	1	38mm	50	\$4.92	BHSSU20-08038	\$6.25
HSSU20-07548	⇒ 75SU/SG65	48	20mm	2	1	1	48mm	50	\$4.00	BHSSU20-07548	\$6.33
HSSU20-06070	⇒ 60SU/SG50	70	20mm	5			70mm	50	\$5.08	BHSSU20-06070	\$6.42
HSSU20-05078	⇒ 50SU/SG40	78	20mm	5	1	1	78mm	50	\$5.08	BHSSU20-05078	\$6.42
HSSU20-04083	⇒ 40SU/SG32	83	20mm	6		1	83mm	50	\$4.50	BHSSU20-04083	\$5.75
HSSU20-03086	⇒ 30SU/SG25	86	20mm	6		2	86mm	50	\$3.92	BHSSU20-03086	\$4.92
HSSU20-02591	⇒ 25SU/SG20	91	20mm	6	1	2	91mm	50	\$4.17	BHSSU20-02591	\$5.25
HSSU20-02093	⇒ 20SU/SG15	93	20mm	7		1	93mm	50	\$3.83	BHSSU20-02093	\$4.67

Reference piping 125SU/SG125 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-10012	125SU/SG125 ⇒ 100SU/SG100	12				4	12mm	100	\$2.67	BHSSU20-10012	\$3.33
HSSU20-08025	⇒ 80SU/SG80	25	20mm		1		25mm	100	\$3.33	BHSSU20-08025	\$4.25
HSSU20-07531	⇒ 75SU/SG65	31	20mm		1	2	31mm	100	\$3.67	BHSSU20-07531	\$4.50
HSSU20-06040	⇒ 60SU/SG50	40	20mm	2			40mm	100	\$3.08	BHSSU20-06040	\$3.92
HSSU20-05045	⇒ 50SU/SG40	45	20mm	2	1		45mm	100	\$3.00	BHSSU20-05045	\$3.75
HSSU20-04048	⇒ 40SU/SG32	48	20mm	2	1	1	48mm	100	\$2.92	BHSSU20-04048	\$3.50
HSSU20-03053	⇒ 30SU/SG25	53	20mm	3		1	53mm	100	\$2.42	BHSSU20-03053	\$3.08
HSSU20-02555	⇒ 25SU/SG20	55	20mm	3	1		55mm	100	\$2.42	BHSSU20-02555	\$3.08
HSSU20-02058	⇒ 20SU/SG15	58	20mm	3	1	1	58mm	100	\$2.50	BHSSU20-02058	\$3.08

Reference piping 100SU/SG100 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB	Shim-plate			Spacer +Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-08013	100SU/SG100 ⇒ 80SU/SG80	13		1		1	13mm	200	\$1.58	BHSSU20-08013	\$2.00
HSSU20-07520	⇒ 75SU/SG65	20	20mm				20mm	200	\$2.25	BHSSU20-07520	\$2.75
HSSU20-06026	⇒ 60SU/SG50	26	20mm			2	26mm	200	\$2.58	BHSSU20-06026	\$3.25
HSSU20-05033	⇒ 50SU/SG40	33	20mm	1		1	33mm	200	\$2.25	BHSSU20-05033	\$2.83
HSSU20-04036	⇒ 40SU/SG32	36	20mm	1		2	36mm	200	\$2.33	BHSSU20-04036	\$2.83
HSSU20-03040	⇒ 30SU/SG25	40	20mm	2			40mm	200	\$1.75	BHSSU20-03040	\$2.25
HSSU20-02543	⇒ 25SU/SG20	43	20mm	2		1	43mm	200	\$1.92	BHSSU20-02543	\$2.50
HSSU20-02046	⇒ 20SU/SG15	46	20mm	2		2	46mm	200	\$2.00	BHSSU20-02046	\$2.50

HONEYCOMB SPACER® II SET

9107

List of center height adjustment plate combinations for parallel piping

Reference piping 80SU/SG80 Height adjustment

PAT. 7179713

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-07506	80SU/SG80 ⇔ 75SU/SG65	6				2	6mm	500	\$0.83	BHSSU20-07506	\$1.00
HSSU20-06015	↑ ⇔ 60SU/SG50	15		1	1		15mm	300	\$1.17	BHSSU20-06015	\$1.42
HSSU20-05020	⇔ 50SU/SG40	20	20mm				20mm	200	\$1.33	BHSSU20-05020	\$1.67
HSSU20-04023	⇔ 40SU/SG32	23	20mm			1	23mm	300	\$1.50	BHSSU20-04023	\$1.83
HSSU20-03028	⇔ 30SU/SG25	28	20mm		1	1	28mm	300	\$1.50	BHSSU20-03028	\$2.00
HSSU20-02530	⇔ 25SU/SG20	30	20mm	1			30mm	300	\$1.25	BHSSU20-02530	\$1.67
HSSU20-02033	⇔ 20SU/SG15	33	20mm	1		1	33mm	300	\$1.33	BHSSU20-02033	\$1.67

Reference piping 75SU/SG65 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-06008	75SU/SG65 ⇔ 60SU/SG50	8			1	1	8mm	500	\$0.92	BHSSU20-06008	\$1.08
HSSU20-05013	↑ ⇔ 50SU/SG40	13		1		1	13mm	500	\$0.92	BHSSU20-05013	\$1.17
HSSU20-04016	⇔ 40SU/SG32	16		1		2	16mm	500	\$1.17	BHSSU20-04016	\$1.42
HSSU20-03020	⇔ 30SU/SG25	20	20mm				20mm	200	\$0.92	BHSSU20-03020	\$1.25
HSSU20-02523	⇔ 25SU/SG20	23	20mm			1	23mm	500	\$1.08	BHSSU20-02523	\$1.50
HSSU20-02026	⇔ 20SU/SG15	26	20mm			2	26mm	500	\$1.17	BHSSU20-02026	\$1.50

Reference piping 60SU/SG50 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-05006	60SU/SG50 ⇔ 50SU/SG40	6				2	6mm	500	\$0.67	BHSSU20-05006	\$0.83
HSSU20-04008	↑ ⇔ 40SU/SG32	8			1	1	8mm	500	\$0.75	BHSSU20-04008	\$0.92
HSSU20-03013	⇔ 30SU/SG25	13		1		1	13mm	300	\$0.67	BHSSU20-03013	\$0.83
HSSU20-02516	⇔ 25SU/SG20	16		1		2	16mm	500	\$0.92	BHSSU20-02516	\$1.17
HSSU20-02020	⇔ 20SU/SG15	20	20mm				20mm	300	\$0.67	BHSSU20-02020	\$0.83

Reference piping 50SU/SG40 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-04003	50SU/SG40 ⇔ 40SU/SG32	3				1	3mm	400	\$0.33	BHSSU20-04003	\$0.42
HSSU20-03008	↑ ⇔ 30SU/SG25	8			1	1	8mm	500	\$0.58	BHSSU20-03008	\$0.75
HSSU20-02510	⇔ 25SU/SG20	10		1			10mm	500	\$0.42	BHSSU20-02510	\$0.50
HSSU20-02013	⇔ 20SU/SG15	13		1		1	13mm	500	\$0.67	BHSSU20-02013	\$0.83

Reference piping 40SU/SG32 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-03005	40SU/SG32 ⇔ 30SU/SG25	5			1		5mm	400	\$0.33	BHSSU20-03005	\$0.42
HSSU20-02508	↑ ⇔ 25SU/SG20	8			1	1	8mm	500	\$0.58	BHSSU20-02508	\$0.75
HSSU20-02010	⇔ 20SU/SG15	10		1			10mm	500	\$0.42	BHSSU20-02010	\$0.50

Reference piping 30SU/SG20 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-02503	30SU/SG25 ⇔ 25SU/SG20	3				1	3mm	400	\$0.25	BHSSU20-02503	\$0.33
HSSU20-02006	↑ ⇔ 20SU/SG15	6				2	6mm	500	\$0.50	BHSSU20-02006	\$0.67

Reference piping 25SU/SG15 Height adjustment

AWJ Blue Product No.	SU/SG Type	Size	HONEYCOMB				Spacer + Shim	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
			Spacer	10mm	5mm	3mm					
HSSU20-02013	25SU/SG20 ⇔ 20SU/SG15	3				1	3mm	500	\$0.25	BHSSU20-02003	\$0.33

Height adjustment spacer & shim-plate SET SU pipe [Stainless pipe thin-walled] SG pipe [Stainless pipe]

INSULATING PLATE Stabilizer Plate

9032 9033

PAT. 7057244

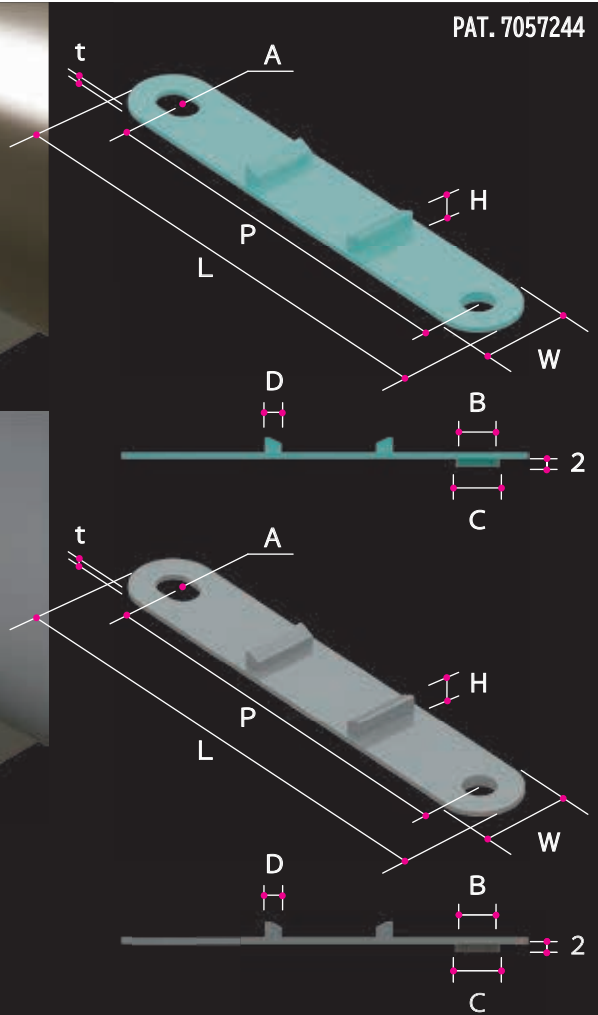
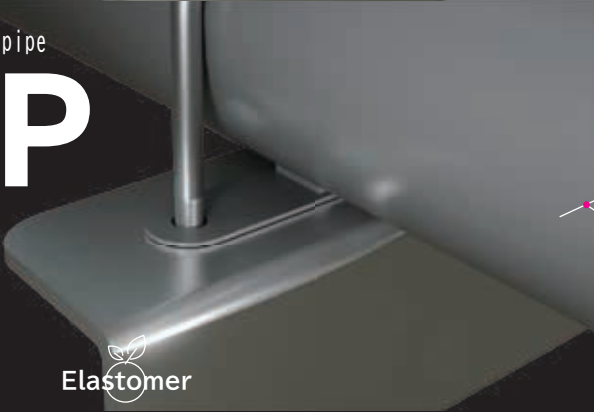
Stainless pipe thin-walled

SU



Rigid PVC pipe

VP



✓RoHS2

Elastomer



-60°C +98°C

- ✓ Insulating Resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue
- ✓ Resin color: VP gray
- ✓ Resin color: Outdoor black

Chlorine FREE in main material

S U Outdoor black



V P Outdoor black



Stabilizer plate [For SU]

Unichrome Product No.	SU Type	A	L	P	W	t	B	C	D	H	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
E11115-0013	13SU	10×11	53.5	28	25	1.5	10	10.8	4	3.5	200	\$1.00	EB11115-0013	\$1.33
E11115-0020	20SU	↑	59.5	34	↑	↑	↑	↑	↑	↑	200	\$1.17	EB11115-0020	\$1.42
E11115-0025	25SU	10×12	66.5	40.5	↑	↑	↑	↑	↑	↑	200	\$1.17	EB11115-0025	\$1.50
E11115-0030	30SU	↑	72.5	46.5	↑	↑	↑	↑	↑	↑	150	\$1.25	EB11115-0030	\$1.58
E11115-0040	40SU	10×13	83	56.5	↑	↑	↑	↑	↑	4	150	\$1.50	EB11115-0040	\$1.83
E11115-0050	50SU	↑	89	62.5	↑	↑	↑	↑	↑	↑	150	\$1.67	EB11115-0050	\$2.00
E11115-0060	60SU	↑	101	74.5	↑	↑	↑	↑	↑	↑	100	\$1.75	EB11115-0060	\$2.08
E11115-0075	75SU	10×14	116	89	↑	↑	↑	↑	↑	↑	100	\$2.00	EB11115-0075	\$2.42
E11115-0080	80SU	↑	129	102	↑	↑	↑	↑	5	5	100	\$2.17	EB11115-0080	\$2.50
E11115-0100	100SU	↑	154	127	↑	↑	↑	↑	↑	↑	100	\$2.25	EB11115-0100	\$2.58
E11115-0125	125SU	13×19	190	154	30	1.8	12.8	13.8	6	6	100	\$4.00	EB11115-0125	\$4.58
E11115-0150	150SU	↑	218	182	↑	↑	↑	↑	↑	↑	100	\$4.50	EB11115-0150	\$5.25
E11115-0200	200SU	↑	268	232	↑	↑	↑	↑	↑	↑	100	\$5.00	EB11115-0200	\$6.42
E11115-0250	250SU	16×24	331	286	40	↑	16	17.8	7	7	100	\$6.50	EB11115-0250	\$7.33
E11115-0300	300SU	↑	386	341	↑	↑	↑	↑	↑	↑	100	\$7.00	EB11115-0300	\$7.92

Stabilizer plate [For VP]

Unichrome Product No.	VP Type	A	L	P	W	t	B	C	D	H	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
E11116-0016	VP16	10×11	59.5	34	25	1.5	10	10.8	4	3.5	200	\$1.00	EB11116-0016	\$1.42
E11116-0020	VP20	10×12	66.5	40.5	↑	↑	↑	↑	↑	↑	200	\$1.17	EB11116-0020	\$1.50
E11116-0025	VP25	↑	72.5	46.5	↑	↑	↑	↑	↑	↑	150	\$1.17	EB11116-0025	\$1.58
E11116-0030	VP30	10×13	83	56.5	↑	↑	↑	↑	↑	4	150	\$1.25	EB11116-0030	\$1.83
E11116-0040	VP40	↑	89	62.5	↑	↑	↑	↑	↑	↑	150	\$1.50	EB11116-0040	\$2.00
E11116-0050	VP50	↑	101	74.5	↑	↑	↑	↑	↑	↑	100	\$1.67	EB11116-0050	\$2.08
E11116-0065	VP65	10×14	116	89	↑	↑	↑	↑	↑	↑	100	\$1.75	EB11116-0065	\$2.42
E11116-0075	VP75	↑	129	102	↑	↑	↑	↑	5	5	100	\$2.00	EB11116-0075	\$2.50
E11116-0100	VP100	↑	154	127	↑	↑	↑	↑	↑	↑	100	\$2.25	EB11116-0100	\$2.58
E11116-0125	VP125	13×19	190	154	30	1.8	12.8	13.8	6	6	100	\$4.00	EB11116-0125	\$4.58
E11116-0150	VP150	↑	218	182	↑	↑	↑	↑	↑	↑	100	\$4.50	EB11116-0150	\$5.25
E11116-0200	VP200	↑	268	232	↑	↑	↑	↑	↑	↑	100	\$5.00	EB11116-0200	\$6.42
E11116-0250	VP250	16×24	331	286	40	↑	16	17.8	7	7	100	\$6.50	EB11116-0250	\$7.33
E11116-0300	VP300	↑	386	341	↑	↑	↑	↑	↑	↑	100	\$7.00	EB11116-0300	\$7.92

INSULATING PLATE Stabilizer Plate

9034 9035

PAT. 7057244

Stainless pipe
SG

Polyethylene pipe
TP

Elastomer ✓RoHS2
Rebro
2D CAD 3D CAD
-60°C +98°C
✓ Insulating Resin: Elastomer (TPE)
✓ Resin color: AWJ blue
✓ Resin color: Super Tough-Poly blue
Chlorine FREE in main material

SG Outdoor black



TP Outdoor black



Stabilizer plate [For SG]

Unichrome Product No.	SG Type	A	L	P	W	t	B	C	D	H	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
E11117-0015	SG15	↑	59.5	34	25	1.5	10	10.8	4	3.5	200	\$1.17	EB11117-0015	\$1.42
E11117-0020	SG20	10×12	66.5	40.5	↑	↑	↑	↑	↑	↑	200	\$1.17	EB11117-0020	\$1.50
E11117-0025	SG25	↑	72.5	46.5	↑	↑	↑	↑	↑	↑	150	\$1.25	EB11117-0025	\$1.58
E11117-0032	SG32	10×13	83	56.5	↑	↑	↑	↑	↑	4	150	\$1.50	EB11117-0032	\$1.83
E11117-0040	SG40	↑	89	62.5	↑	↑	↑	↑	↑	↑	150	\$1.67	EB11117-0040	\$2.00
E11117-0050	SG50	↑	101	74.5	↑	↑	↑	↑	↑	↑	100	\$1.75	EB11117-0050	\$2.08
E11117-0065	SG65	10×14	116	89	↑	↑	↑	↑	↑	↑	100	\$2.00	EB11117-0065	\$2.42
E11117-0080	SG80	↑	129	102	↑	↑	↑	↑	5	5	100	\$2.17	EB11117-0080	\$2.50
E11117-0100	SG100	↑	154	127	↑	↑	↑	↑	↑	↑	100	\$2.25	EB11117-0100	\$2.58
E11117-0125	SG125	13×19	190	154	30	1.8	12.8	13.8	6	6	100	\$4.00	EB11117-0125	\$4.58
E11117-0150	SG150	↑	218	182	↑	↑	↑	↑	↑	↑	100	\$4.50	EB11117-0150	\$5.25
E11117-0200	SG200	↑	268	232	↑	↑	↑	↑	↑	↑	100	\$5.00	EB11117-0200	\$6.42
E11117-0250	SG250	16×24	331	286	40	↑	16	17.8	7	7	100	\$6.50	EB11117-0250	\$7.33
E11117-0300	SG300	↑	386	341	↑	↑	↑	↑	↑	↑	100	\$7.00	EB11117-0300	\$7.92

Stabilizer plate[For TP]

Unichrome Product No.	SG Type	A	L	P	W	t	B	C	D	H	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
E11118-0020	TP20	10×12	66.5	40.5	25	1.5	10	10.8	4	3.5	200	\$1.50	EB11118-0020	\$1.67
E11118-0025	TP25	↑	72.5	46.5	↑	↑	↑	↑	↑	↑	150	\$1.67	EB11118-0025	\$1.83
E11118-0030	TP30	10×13	83	56.5	↑	↑	↑	↑	↑	4	150	\$1.83	EB11118-0030	\$2.00
E11118-0040	TP40	↑	89	62.5	↑	↑	↑	↑	↑	↑	150	\$1.92	EB11118-0040	\$2.08
E11118-0050	TP50	↑	101	74.5	↑	↑	↑	↑	↑	↑	100	\$2.08	EB11118-0050	\$2.25
E11118-0065	TP65	10×14	116	89	↑	↑	↑	↑	↑	↑	100	\$2.33	EB11118-0065	\$2.50
E11118-0075	TP75	↑	129	102	↑	↑	↑	↑	5	5	100	\$2.67	EB11118-0075	\$2.75
E11118-0100	TP100	↑	165	138	↑	↑	↑	↑	↑	↑	100	\$3.17	EB11118-0100	\$3.33
E11118-0125	TP125	13×19	190	154	30	1.8	12.8	13.8	6	6	100	\$4.83	EB11118-0125	\$5.00
E11118-0150	TP150	↑	231	195	↑	↑	↑	↑	↑	↑	100	\$5.67	EB11118-0150	\$5.83
E11118-0200	TP200	↑	302	226	↑	↑	↑	↑	↑	↑	100	\$7.33	EB11118-0200	\$7.50
E11118-0250	TP250	16×24	386	341	40	↑	16	17.8	7	7	100	\$8.17	EB11118-0250	\$8.33

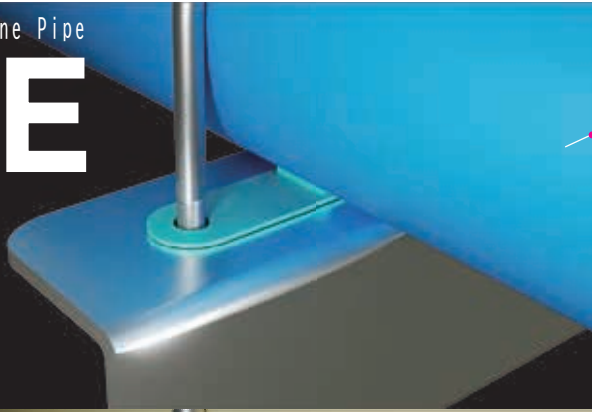
INSULATING PLATE Stabilizer Plate

9036 9037

PAT. 7057244

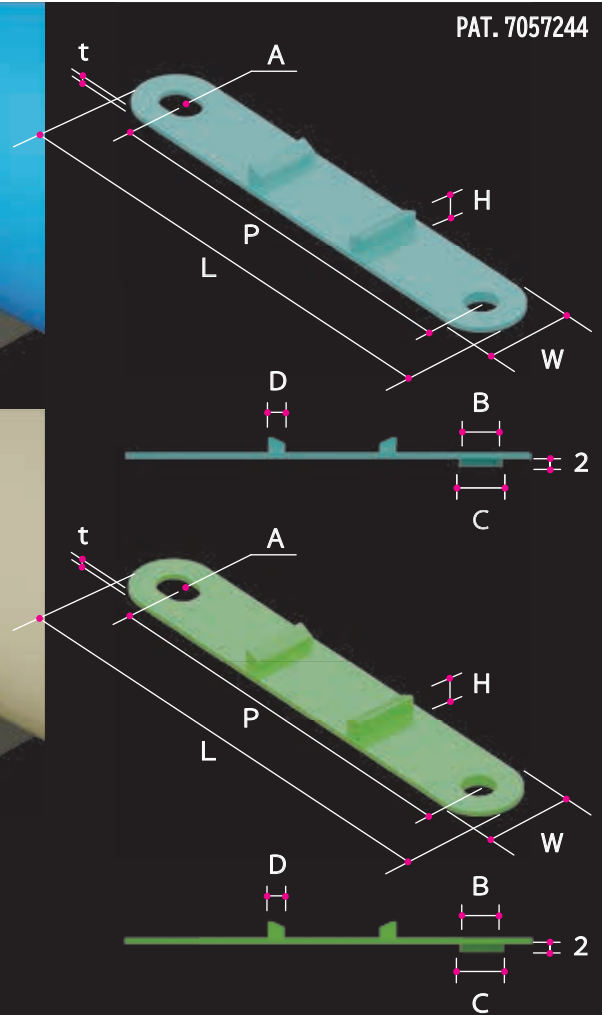
Polyethylene Pipe

PE



Polybutene Pipe

PB



✓RoHS2

Elastomer



-60°C ●●●●●●●●●● ●●●●●●●●●● +98°C



- ✓ Insulating Resin: Elastomer (TPE)
- ✓ Resin color: AWJ blue
- ✓ Resin color: AWJ green

Chlorine FREE in main material



PE Outdoor black

Stabilizer plate [For PE]

Unichrome Product No.	PE Type	A	L	P	W	t	B	C	D	H	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
E11119-0020	PE20	10×12	66.5	40.5	25	1.5	10	10.8	4	3.5	200	\$1.17	EB11119-0020	\$1.50
E11119-0025	PE25	↑	72.5	46.5	↑	↑	↑	↑	↑	↑	150	\$1.25	EB11119-0025	\$1.58
E11119-0030	PE30	10×13	83	56.5	↑	↑	↑	↑	↑	4	150	\$1.50	EB11119-0030	\$1.83
E11119-0040	PE40	↑	89	62.5	↑	↑	↑	↑	↑	↑	150	\$1.67	EB11119-0040	\$2.00
E11119-0050	PE50	↑	101	74.5	↑	↑	↑	↑	↑	↑	100	\$1.75	EB11119-0050	\$2.08
E11119-0065	PE65	10×14	116	89	↑	↑	↑	↑	↑	↑	100	\$2.00	EB11119-0065	\$2.42
E11119-0075	PE75	↑	129	102	↑	↑	↑	↑	5	5	100	\$2.17	EB11119-0080	\$2.50
E11119-0100	PE100	↑	154	127	↑	↑	↑	↑	↑	↑	100	\$2.25	EB11119-0100	\$2.58
E11119-0125	PE125	13×19	190	154	30	1.8	12.8	13.8	6	6	100	\$4.00	EB11119-0125	\$4.58
E11119-0150	PE150	↑	218	182	↑	↑	↑	↑	↑	↑	100	\$4.50	EB11119-0150	\$5.25
E11119-0200	PE200	↑	268	232	↑	↑	↑	↑	↑	↑	100	\$5.00	EB11119-0200	\$6.42

Stabilizer plate [For PB]

Unichrome Product No.	PB Type	A	L	P	W	t	B	C	D	H	Shipping Unit	MSRP per PCS	Outdoor black Product No.	MSRP per PCS
E11120-0016	PB16	10×11	59.5	34	25	1.5	10	10.8	4	3.5	200	\$1.67		
E11120-0020	PB20	10×12	66.5	40.5	↑	↑	↑	↑	↑	↑	200	\$1.83		
E11120-0025	PB25	↑	72.5	46.5	↑	↑	↑	↑	↑	↑	150	\$1.92		
E11120-0030	PB30	10×13	83	56.5	↑	↑	↑	↑	↑	4	150	\$2.00		
E11120-0040	PB40	↑	89	62.5	↑	↑	↑	↑	↑	↑	150	\$2.08		
E11120-0050	PB50	↑	101	74.5	↑	↑	↑	↑	↑	↑	100	\$2.25		
E11120-0065	PB65	10×14	116	89	↑	↑	↑	↑	↑	↑	100	\$2.42		
E11120-0075	PB75	↑	129	102	↑	↑	↑	↑	5	5	100	\$2.50		
E11120-0100	PB100	↑	154	127	↑	↑	↑	↑	↑	↑	100	\$2.92		

Insulating Plate Stabilizer Plate PE pipe [Polyethylene pipe] PB pipe [Polybutene pipe]

INSULATING PLATE PP Plate, ETFE Plate

9039 9040

Polypropylene resin plate

Fluoro resin plate

Insulating plate for U-Bolt

PP

✓ Insulating Resin: Polypropylene (PP)
✓ Resin color: Milky white

-30°C ●●●●●●●●●● ●●●●●●●●●● +80°C

Insulating plate for U-Bolt

ETFE

✓ Insulating Resin: Fluoro resin (ETFE)
✓ Resin color: White

-60°C ●●●●●●●●●● ●●●●●●●●●● +180°C

Chlorine FREE in main material

Insulating Plate
PP Plate [Polypropylene resin]
ETFE Plate [Fluoro resin]

M6 [W1/4] PP Insulating plate for U-Bolt

ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS	
A11120-0008	M6 (W1/4)	8A	13.8	21	42	14	7×11	5	3.5	1.5	500	\$0.25	A11128-0008	1.5	5	\$4.58	
A11120-0010		10A	17.3	25	46	A11128-0010							5				\$5.00
A11120-0015		15A	21.7	29.5	50.5	A11128-0015							5				\$5.42
A11120-0020		20A	27.2	34	55	A11128-0020							5				\$5.83
A11120-0025		25A	34.0	41	62	A11128-0025							3				\$6.67
A11120-0032		32A	42.7	50.5	71.5	A11128-0032							3				\$7.50
A11120-0040		40A	48.6	57	78	A11128-0040							3				\$8.75
A11120-0050		50A	60.5	70	91	A11128-0050							3				\$9.17

M8 [W5/16] PP Insulating plate for U-Bolt

ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS	
A11121-0010	M8 (W5/16)	10A	17.3	27	50	15	9×13	5	3	1.5	500	\$0.37	A11129-0010	1.5	5	\$7.50	
A11121-0015		15A	21.7	31	54	A11129-0015							5				\$7.92
A11121-0020		20A	27.2	37	60	A11129-0020							5				\$8.33
A11121-0025		25A	34.0	44	67	A11129-0025							5				\$8.75
A11121-0032		32A	42.7	52	75	A11129-0032							5				\$9.17
A11121-0040		40A	48.6	59	82	A11129-0040							5				\$10.00
A11121-0050		50A	60.5	72	95	A11129-0050							3				\$11.25
A11121-0065		65A	76.3	86	109	A11129-0065							3				\$12.08
A11121-0080	80A	89.1	99	122	A11129-0080	3	\$13.33										

INSULATING PLATE

PP Plate, ETFE Plate

9039 9040

M10 [W3/8]

PP Insulating plate for U-Bolt

ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS
A11122-0010	M10 (W3/8)	10A	17.3	28	57	14	7×11	7	7	1.5	500	\$0.46	A11130-0010	1.5	50	\$8.33
A11122-0015	↑	15A	21.7	34	63	↑	↑	↑	↑	↑	500	\$0.50	A11130-0015	↑	50	\$8.75
A11122-0020	↑	20A	27.2	40	69	↑	↑	↑	↑	↑	500	\$0.54	A11130-0020	↑	50	\$9.17
A11122-0025	↑	25A	34.0	46	75	↑	↑	↑	↑	↑	500	\$0.58	A11130-0025	↑	50	\$9.58
A11122-0032	↑	32A	42.7	56	85	↑	↑	↑	↑	↑	500	\$0.63	A11130-0032	↑	50	\$10.00
A11122-0040	↑	40A	48.6	62	91	↑	↑	↑	↑	↑	500	\$0.67	A11130-0040	↑	50	\$10.83
A11122-0050	↑	50A	60.5	74	103	↑	↑	↑	↑	↑	500	\$0.71	A11130-0050	↑	50	\$12.08
A11122-0065	↑	65A	76.3	88	117	↑	↑	↑	↑	↑	500	\$0.75	A11130-0065	↑	50	\$12.92
A11122-0080	↑	80A	89.1	101	130	↑	↑	↑	↑	↑	500	\$0.79	A11130-0080	↑	50	\$14.17
A11122-0090	↑	90A	101.6	115	144	↑	↑	↑	↑	↑	500	\$0.83	A11130-0090	↑	50	\$15.00
A11122-0100	↑	100A	114.3	126	161	↑	↑	10	↑	↑	500	\$0.83	A11130-0100	↑	30	\$15.00
A11122-0125	↑	125A	139.8	152	187	↑	↑	↑	↑	↑	500	\$1.25	A11130-0125	↑	30	\$27.08
A11122-0150	↑	150A	165.2	180	215	↑	↑	↑	↑	↑	500	\$1.67	A11130-0150	↑	30	\$29.17
A11122-0200	↑	200A	216.3	230	275	↑	↑	↑	↑	2	500	\$2.50	A11130-0200	↑	30	\$31.25
A11121-0250	↑	250A	267.4	280	325	↑	↑	↑	↑	↑	500	\$3.33	A11130-0250	↑	30	\$33.33

M12 [W1/2]

PP Insulating plate for U-Bolt

ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS
A11123-0025	M12 (W1/2)	25A	34.0	48	84	30	13×16	10	8.5	1.5	500	\$0.67	A11131-0025	1.5	50	\$10.00
A11123-0032	↑	32A	42.7	57	93	↑	↑	↑	↑	↑	500	\$0.83	A11131-0032	↑	50	\$11.25
A11123-0040	↑	40A	48.6	63	99	↑	↑	↑	↑	↑	500	\$1.00	A11131-0040	↑	50	\$12.50
A11123-0050	↑	50A	60.5	76	112	↑	↑	↑	↑	↑	500	\$1.17	A11131-0050	↑	50	\$15.00
A11123-0065	↑	65A	76.3	90	126	↑	↑	↑	↑	↑	500	\$1.33	A11131-0065	↑	30	\$17.50
A11123-0080	↑	80A	89.1	103	139	↑	↑	↑	↑	↑	500	\$1.50	A11131-0080	↑	30	\$20.00
A11123-0090	↑	90A	101.6	116	152	↑	↑	↑	↑	↑	500	\$1.67	A11131-0090	↑	30	\$25.00
A11123-0100	↑	100A	114.3	129	165	↑	↑	↑	↑	↑	500	\$1.67	A11131-0100	↑	30	\$25.00
A11123-0125	↑	125A	139.8	154	190	↑	↑	↑	↑	↑	500	\$2.08	A11131-0125	↑	30	\$27.50
A11123-0150	↑	150A	165.2	182	218	↑	↑	↑	↑	↑	500	\$2.50	A11131-0150	↑	30	\$29.58
A11123-0200	↑	200A	216.3	232	278	↑	↑	10	↑	2	500	\$3.75	A11131-0200	↑	30	\$31.67
A11123-0250	↑	250A	267.4	282	328	↑	↑	↑	↑	↑	500	\$4.58	A11131-0250	↑	30	\$33.75
A11123-0300	↑	300A	318.5	332	378	↑	↑	↑	↑	↑	500	\$5.42	A11131-0300	↑	30	\$35.83

M16 [W5/8]

PP Insulating plate for U-Bolt

ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS
A11124-0100	M16 (W5/8)	100A	114.3	134	197	30	17×23	20	6.5	1.5	300	\$2.08	A11132-0100	1.5	20	\$26.67
A11124-0125	↑	125A	139.8	160	223	↑	↑	↑	↑	↑	300	\$2.50	A11132-0125	↑	20	\$29.17
A11124-0150	↑	150A	165.2	186	249	↑	↑	↑	↑	↑	200	\$2.92	A11132-0150	↑	20	\$31.25
A11124-0200	↑	200A	216.3	236	299	35	↑	↑	9	2	100	\$4.17	A11132-0200	↑	10	\$33.33
A11124-0250	↑	250A	267.4	286	349	↑	↑	↑	↑	↑	100	\$5.00	A11132-0250	↑	10	\$35.42
A11124-0300	↑	300A	318.5	341	404	↑	↑	↑	↑	↑	100	\$5.83	A11132-0300	↑	10	\$37.50
A11124-0350	↑	350A	355.6	376	439	40	↑	↑	11.5	3	100	\$7.50	A11132-0350	↑	10	\$39.58
A11124-0400	↑	400A	406.4	426	489	↑	↑	↑	↑	↑	100	\$8.75	A11132-0400	↑	10	\$41.67
A11124-0450	↑	450A	457.2	478	541	↑	↑	↑	↑	↑	100	\$10.00	A11132-0450	↑	10	\$43.75
A11124-0500	↑	500A	508.0	529	592	↑	↑	↑	↑	↑	100	\$11.25	A11132-0500	↑	10	\$45.83

M20

PP Insulating plate for U-Bolt

ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS
A11125-0200	M20	200A	216.3	239	304	40	21×25	20	9.5	2	100	\$5.00	A11133-0200	1.5	10	\$37.50
A11125-0250	↑	250A	267.4	289	354	↑	↑	↑	↑	↑	100	\$5.83	A11133-0250	↑	10	\$39.58
A11125-0300	↑	300A	318.5	344	409	↑	↑	↑	↑	↑	100	\$6.67	A11133-0300	↑	10	\$41.67
A11125-0350	↑	350A	355.6	377	452	↑	↑	25	↑	3	50	\$8.33	A11133-0350	↑	10	\$43.75
A11125-0400	↑	400A	406.4	429	504	↑	↑	↑	↑	↑	50	\$9.58	A11133-0400	↑	10	\$45.83
A11125-0450	↑	450A	457.2	481	556	↑	↑	↑	↑	↑	50	\$10.83	A11133-0450	↑	10	\$47.92
A11125-0500	↑	500A	508.0	532	607	↑	↑	↑	↑	↑	50	\$12.08	A11133-0500	↑	10	\$50.00

INSULATING PLATE PP Plate, ETFE Plate

9039 9040

■ M10 [W3/8] ■ PP Insulating plate for U-Bolt

■ ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS
A11126-0300	M24	300A	318.5	346	425	50	25 × 29	25	12.5	3	50	\$8.33	A11134-0300	1.5	10	\$50.00
A11126-0350		350A	355.6	383	462						50	\$10.00	A11134-0350		10	\$52.08
A11126-0400		400A	406.4	434	513						50	\$11.67	A11134-0400		10	\$54.17
A11126-0450		450A	457.2	484	563						50	\$13.33	A11134-0450		10	\$56.25
A11126-0500		500A	508.0	539	618						50	\$15.00	A11134-0500		10	\$58.33
A11126-0550		550A	558.8	591	670						50	\$16.67	A11134-0550		10	\$60.42
A11126-0600		600A	609.6	642	721						50	\$18.33	A11134-0600		10	\$62.50

■ M10 [W3/8] ■ PP Insulating plate for U-Bolt

■ ETFE Insulating plate for U-Bolt

PP Plate Product No.	Size	Type	Diameter	P	L	W	A	a	b	t	Shipping Unit	MSRP per PCS	ETFE Plate Product No.	t	Shipping Unit	MSRP per PCS
A11127-0450	M30	450A	457.2	496	591	50	31 × 35	30	9.5	3	30	\$15.00	A11135-0450	1.5	10	\$62.50
A11127-0500		500A	508.0	548	643						30	\$17.50	A11135-0500		10	\$64.58
A11127-0550		550A	558.8	598	693						30	\$20.00	A11135-0550		10	\$66.67
A11127-0600		600A	609.6	650	745						30	\$22.50	A11135-0600		10	\$68.75
A11127-0650		650A	660.4	700	795						30	\$25.00	A11135-0650		10	\$70.83

KITZ

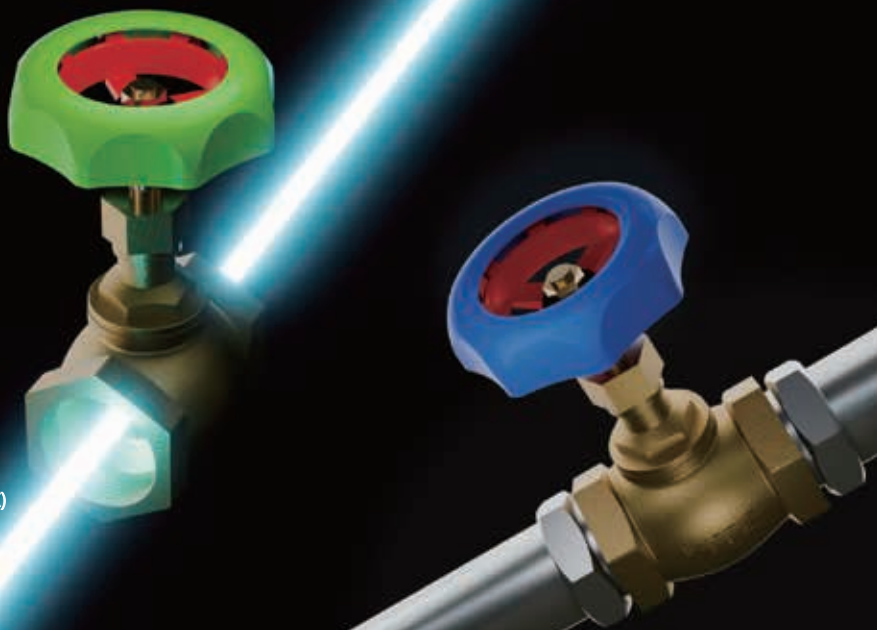
株式会社キッツ

Valve Handle Cover



0°C +60°C

- ✓ Valve type: Gate valve
- ✓ Insulating resin: Flexible vinyl chloride (PVC)
- ✓ Resin color: Nine colors available
- ✓ Valve tag: Aluminum
(Not included in the price)



PAT. 2011-140150
D. 1432601
D. 1439808

Valve handle cover [For KITZ gate valve]

Pale blue [01]

Yellow green [02]

Orange [03]

Blue [04]

Green [05]



Pink [06]

Light blue [07]

Red [08]

Purple [09]



Parts numbering

VK 3050-5 * * *
KITZ SIZE Color No. Tag No.

Enter the color number and tag number in the "*" of the part number list.

Product No.	Color No.									Tag No.		Handle diameter (mm)	Size, Model compatibility list			Weight	Shipping Unit	Tag N/A MSRP per PCS	Tag Att. MSRP per PCS
	Pale blue	Yellow green	Orange	Blue	Green	Pink	Light blue	Red	Purple	N/A	Attached		JIS 10K Model	JIS 5K Model	125 Model				
													L	M					
													LN	MN					
VK3050-5** * *	01	02	03	04	05	06	07	08	09	0	9	50			10A : 15A	g	100	\$1.75	\$3.08
VK3055-5** * *	01	02	03	04	05	06	07	08	09	0	9	55			20A	g	100	\$1.75	\$3.08
VK3060-5** * *	01	02	03	04	05	06	07	08	09	0	9	60	15A	15A : 20A	25A	g	100	\$1.92	\$3.42
VK3070-5** * *	01	02	03	04	05	06	07	08	09	0	9	70	20A	25A	32A	g	100	\$2.25	\$3.92
VK3080-5** * *	01	02	03	04	05	06	07	08	09	0	9	80	25A		40A	g	100	\$3.00	\$4.50
VK3090-5** * *	01	02	03	04	05	06	07	08	09	0	9	90	32A	32A	50A	g	100	\$3.25	\$5.00
VK3100-5** * *	01	02	03	04	05	06	07	08	09	0	9	100	40A	40A		g	50	\$3.83	\$5.50
VK3115-5** * *	01	02	03	04	05	06	07	08	09	0	9	115	50A	50A		g	50	\$4.67	\$6.33

MARKER Series Valve Handle Cover

9204



Valve handle cover [For TOYO gate valve]



Parts numbering **VT 3050-5 * * *** Enter the color number and tag number in the "*" of the part number list.
 TOYO SIZE Color No. Tag No.

Product No.	Color No.									Tag No.		Handle diameter (mm)	Size, Model compatibility list			Weight	Shipping Unit	Tag N/A MSRP per PCS	Tag Att. MSRP per PCS
	Pale blue	Yellow green	Orange	Blue	Green	Pink	Light blue	Red	Purple	N/A	Attached		JIS 10K Model	JIS 5K Model	125 Model				
													LJ10-BSR	LJ5-BSR	RH-7				
													LJ10-BSR-SK-N	LJ5-BSR-SK-N					
VT3048-5** *	01	02	03	04	05	06	07	08	09	0	9	48			10A : 15A	g	100	\$1.75	\$3.08
VT3055-5** *	01	02	03	04	05	06	07	08	09	0	9	55	15A	15A	20A	g	100	\$1.75	\$3.08
VT3063-5** *	01	02	03	04	05	06	07	08	09	0	9	60		20A	25A	g	100	\$1.92	\$3.42
VT3070-5** *	01	02	03	04	05	06	07	08	09	0	9	70	20A	25A	32A	g	100	\$2.25	\$3.92
VT3080-5** *	01	02	03	04	05	06	07	08	09	0	9	80	25A		40A	g	100	\$3.00	\$4.50
VT3090-5** *	01	02	03	04	05	06	07	08	09	0	9	90	32A	32A	50A	g	100	\$3.25	\$5.00
VT3100-5** *	01	02	03	04	05	06	07	08	09	0	9	100	40A	40A		g	50	\$3.83	\$5.50
VT3110-5** *	01	02	03	04	05	06	07	08	09	0	9	110	50A	50A		g	50	\$4.67	\$6.33



Valve handle cover [For YAMATO gate valve]



Parts numbering **VY3050-5***** Enter the color number and tag number in the "*" of the part number list.
 YAMATO SIZE Color No. Tag No.

Product No.	Color No.									Tag No.		Handle diameter (mm)	Size, Model compatibility list			Weight	Shipping Unit	Tag N/A MSRP per PCS	Tag Att. MSRP per PCS
	Pale blue	Yellow green	Orange	Blue	Green	Pink	Light blue	Red	Purple	N/A	Attached		JIS 10K Model	JIS 5K Model	125 Model				
													B10G	B5G	RIG				
													B10GN	B5GN					
VY3050-5** *	01	02	03	04	05	06	07	08	09	0	9	50			15A	g	100	\$1.75	\$3.08
VY3055-5** *	01	02	03	04	05	06	07	08	09	0	9	55	10A : 15A	15A	20A	g	100	\$1.75	\$3.08
VY3060-5** *	01	02	03	04	05	06	07	08	09	0	9	60			25A	g	100	\$1.92	\$3.42
VY3063-5** *	01	02	03	04	05	06	07	08	09	0	9	63		20A		g	100	\$1.92	\$3.42
VY3070-5** *	01	02	03	04	05	06	07	08	09	0	9	70	20A	25A	32A	g	100	\$2.25	\$3.92
VY3080-5** *	01	02	03	04	05	06	07	08	09	0	9	80	25A	32A	40A	g	100	\$3.00	\$4.50
VY3090-5** *	01	02	03	04	05	06	07	08	09	0	9	90	32A	40A	50A	g	100	\$3.25	\$5.00
VY3100-5** *	01	02	03	04	05	06	07	08	09	0	9	100	40A			g	50	\$3.83	\$5.50
VY3110-5** *	01	02	03	04	05	06	07	08	09	0	9	110	50A	50A		g	50	\$4.67	\$6.33

MARKER Series Tag For Valve Handle Cover

9204



PAT. 2011-140150
D. 1432601
D. 1439808

Printing on the tag is for reference only; there is no actual printing.

Valve Handle Cover Tag

- ✓ Tag: Aluminum
- ✓ Surface finishing: Anodized aluminum
- ✓ Thickness: 1 mm

Images of Tag attachmentment



Handle size	Tag diameter Φ	Printable area Φ	Product No. KITZ	Handle diameter	Weight	Shipping Unit	MSRP per PCS	Product No. 東洋バルブ	Handle diameter	Weight	Shipping Unit	MSRP per PCS	Product No. 天和バルブ	Handle diameter	Weight	Shipping Unit	MSRP per PCS
48	41	29						VCPT3048-09	48	g	100	\$1.75					
50	41	29	VCPK3050-09	50	g	100	\$1.75						VCPY3050-09	50	g	100	\$1.75
55	47	31	VCPK3055-09	55	g	100	\$1.83	VCPT3055-09	55	g	100	\$1.75	VCPY3055-09	55	g	100	\$1.83
60	49	35	VCPK3060-09	60	g	100	\$2.00						VCPY3060-09	60	g	100	\$2.00
63	54	40						VCPT3063-09	63	g	100	\$2.08	VCPY3063-09	63	g	100	\$2.08
70	61	45	VCPK3070-09	70	g	100	\$2.25	VCPT3070-09	70	g	100	\$2.25	VCPY3070-09	70	g	100	\$2.25
80	69	50	VCPK3080-09	80	g	100	\$2.58	VCPT3080-09	80	g	100	\$2.58	VCPY3080-09	80	g	100	\$2.58
90	79	60	VCPK3090-09	90	g	100	\$2.92	VCPT3090-09	90	g	100	\$2.92	VCPY3090-09	90	g	50	\$2.92
100	88	66	VCPK3100-09	100	g	50	\$3.08	VCPT3100-09	100	g	50	\$3.08	VCPY3100-09	100	g	50	\$3.08
110	96	75						VCPT3115-09	110	g	50	\$3.58	VCPY3110-09	110	g	50	\$3.58
115	101	80	VCPK3115-09	115	g	50	\$3.67										

Studs Bolt Marker

The marker trademarked by AWJ co., Ltd.

PAT. 2018-92123A

D. 1591566

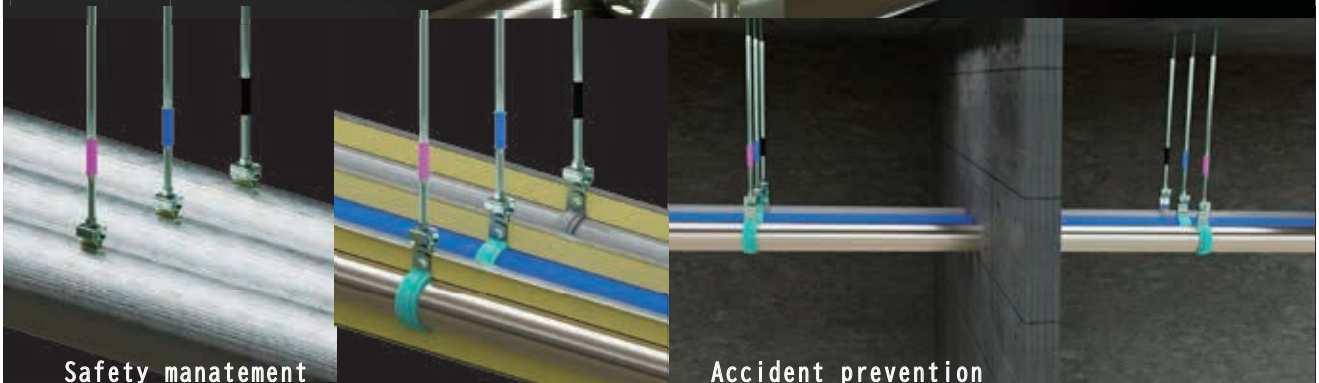
D. 1591211

The marker is to identify fluid in piping at a glance even when installation. Since the markers attached to fully threaded screws, no need to re-identify when installing heat insulators. Eleven colors are available for your purpose.

Pipe identification marker

Elastomer: Polyethylene (PE)

Elastomer color: Eleven colors available

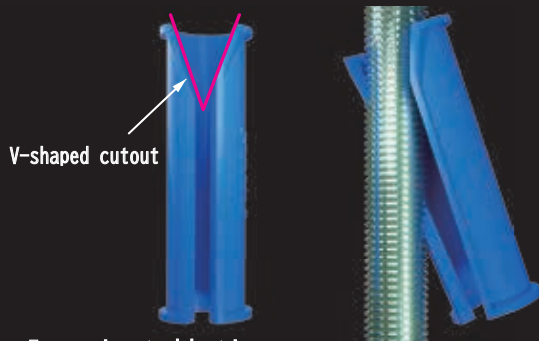


Safety manament

the markers attached to fully threaded screws, no need to re-identify when installing heat insulators, which leads to safety management.

Accident prevention

It helps prevent accidents by preventing misconnections of piping when installation.



V-shaped cutout

Easy installation

The markers have V-shaped cutout for smooth and one-touch installation to fully threads screws.



Endless ways to use

By combining two or more colors, it can identify other systems. In addition to pipe identification, the markers can also be identify applications such as contractor and construction type.

MARKER Series

Studs Bolt Marker

9200

The marker trademarked by AWJ co., Ltd.

PAT. 2018-92123A
D. 1591566
D. 1591211

W3/8

Product No.	Size	Color No.	Color	Munsell HVC	Ref. utilization	D	A	H 1	H 2	t	Weight	Box	MSRP per PCS
AKS-0301	W3/8	01	Blue	5PB5/9	Cold water	8.8	25	38	40	1	1.2 g	2400	\$0.33
AKS-0302	↑	02	Yellow green	10GY6.5/11	Cold/Hot water	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0303	↑	03	Orange	3.75YR6.5/14	Hot water	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0306	↑	06	Green	2.5BG4/10	Hydration	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0307	↑	07	Pink	10RP5/14	Hot water	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0308	↑	08	Light blue	10B5/11	Water supply	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0309	↑	09	Purple	5P5/10	Grey water	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0312	↑	12	Black	N1	Thermal discharge	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0314	↑	14	Red	5R4.5/14	Fire hydrant	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0316	↑	16	Yellow	2.5Y8/14	Gas	↑	↑	↑	↑	↑	↑	2400	\$0.33
AKS-0326	↑	26	White	N9.5	Compressed air	↑	↑	↑	↑	↑	↑	2400	\$0.33

W1/2

Product No.	Size	Color No.	Color	Munsell HVC	Ref. utilization	D	A	H 1	H 2	t	Weight	Box	MSRP per PCS
AKS-0401	W1/2	01	Blue	5PB5/9	Cold water	12	25	38	40	1	1.9 g	1200	\$0.67
AKS-0402	↑	02	Yellow green	10GY6.5/11	Cold/Hot water	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0403	↑	03	Orange	3.75YR6.5/14	Hot water	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0406	↑	06	Green	2.5BG4/10	Hydration	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0407	↑	07	Pink	10RP5/14	Hot water	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0408	↑	08	Light blue	10B5/11	Water supply	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0409	↑	09	Purple	5P5/10	Grey water	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0412	↑	12	Black	N1	Thermal discharge	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0414	↑	14	Red	5R4.5/14	Fire hydrant	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0416	↑	16	Yellow	2.5Y8/14	Gas	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKS-0426	↑	26	White	N9.5	Compressed air	↑	↑	↑	↑	↑	↑	1200	\$0.67

Structural Steel Marker

The marker is to identify fluid in piping at a glance.
Attached to the steel which supports piping.

Pipe identification marker

Elastomer: Polyethylene (PE)
Elastomer color: Nine colors available



Reasons for flecbility
and easy installation

Excellent impact and heat resistance by
Flexible polyethylene

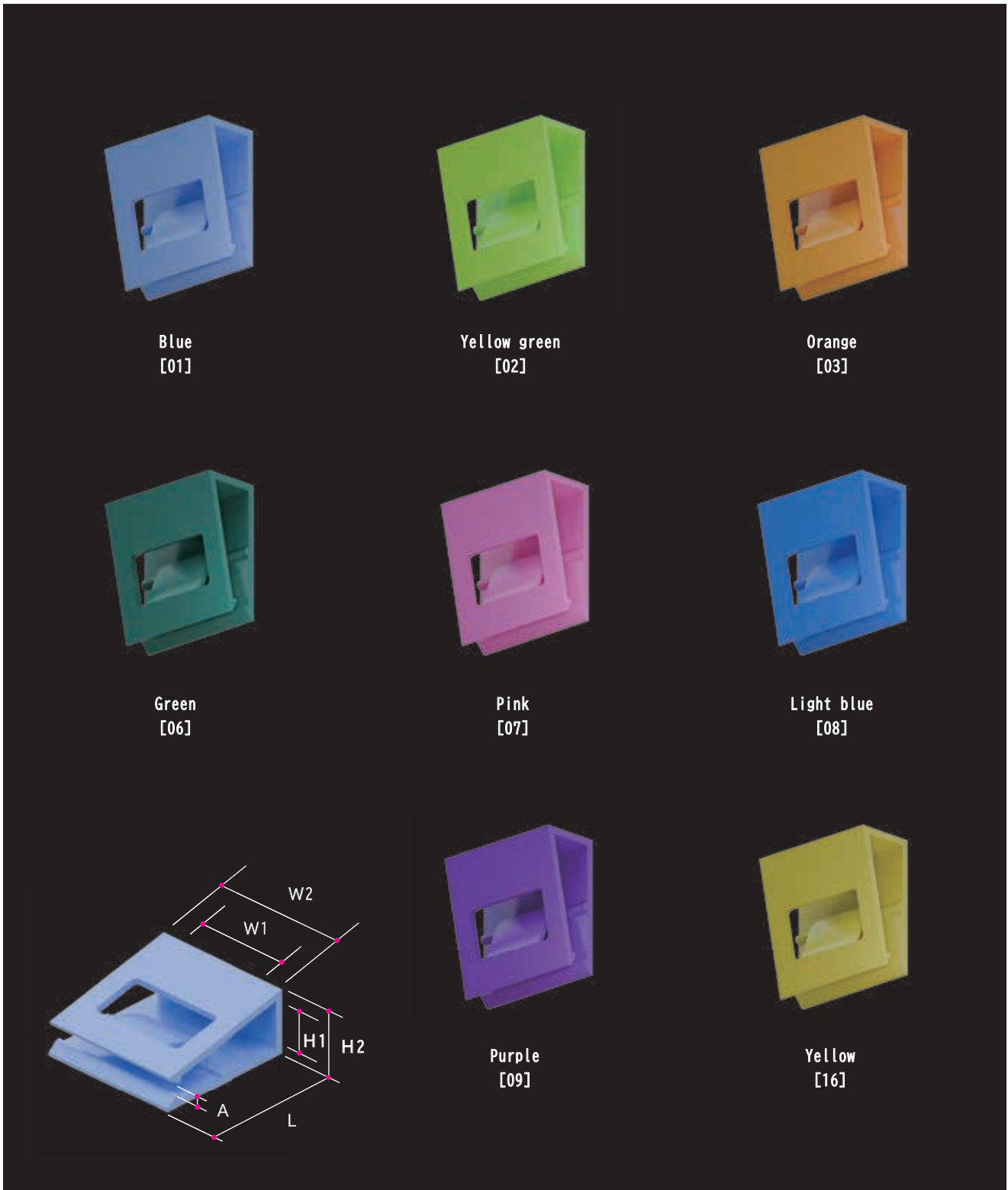


Shedding prevention

It prevents from falling off by clipping at four points.

MARKER Series Structural Steel Marker

9201



Structural Steel Marker

Product No.	Color No.	Color	Munsell HVC	Ref.utilization	W1	W2	L	H1	H2	A	Weight	Box	MSRP per PCS
AKT-0101	01	Blue	5PB5/9	Cold water	21	30	30	10	13, 35	2.55	3.0 g	1200	\$0.67
AKT-0102	02	Yellow green	10GY6.5/11	Cold/Hot water	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKT-0103	03	Orange	3.75YR6.5/14	Hot water	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKT-0106	06	Green	2.5BG4/10	Hydration	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKT-0107	07	Pink	10RP5/14	Hot water	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKT-0108	08	Light blue	10B5/11	Water supply	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKT-0109	09	Purple	5P5/10	Grey water	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67
AKT-0116	16	Yellow	2.5Y8/14	Gas	↑	↑	↑	↑	↑	↑	↑	1200	\$0.67

Pipe Marker

Pipe identification marker

The marker is to identify fluid in piping at a glance even when installation. Simply identification to be possible from below the piping.

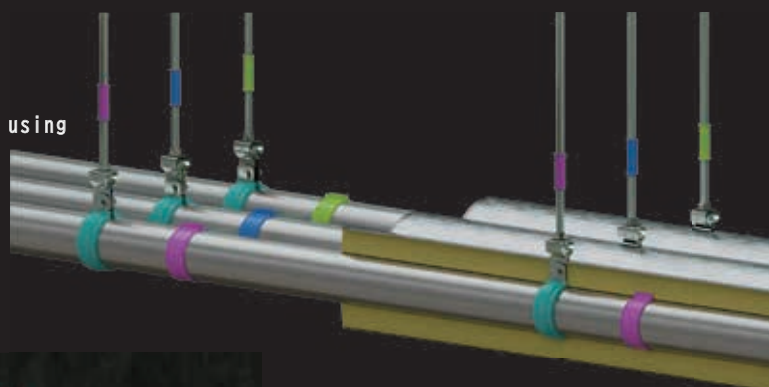
Polyethylene (PE)  0°C +90°C

Elastomer: Polyethylene (PE)
Elastomer color: Eleven colors available



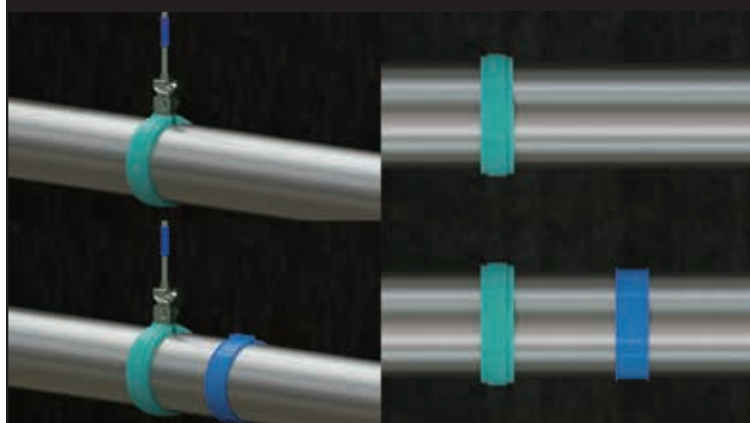
Prevent from accidents

It helps to identify fluid in piping by using same color of the Pipe Marker and Studs Bolt Marker. It also helps misconnections.



Prevent from cross piping

It was sometimes difficult to identify the Studs Bolt Marker under a dark place or placed above. It helps to prevent misconnection by attaching the marker to identify from below.



Size stamping variety of sizes

Pipe size is stamped to identify at a glance.

Size variation: 13SU~150SU SG15A~SG150A

*Stamped by SU notation



D. 1722289

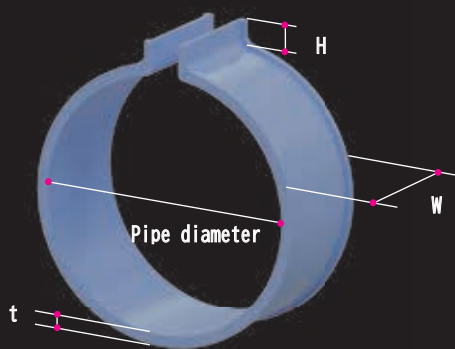
MARKER Series

Pipe Marker

9203

D. 1722289

パイプマーカー



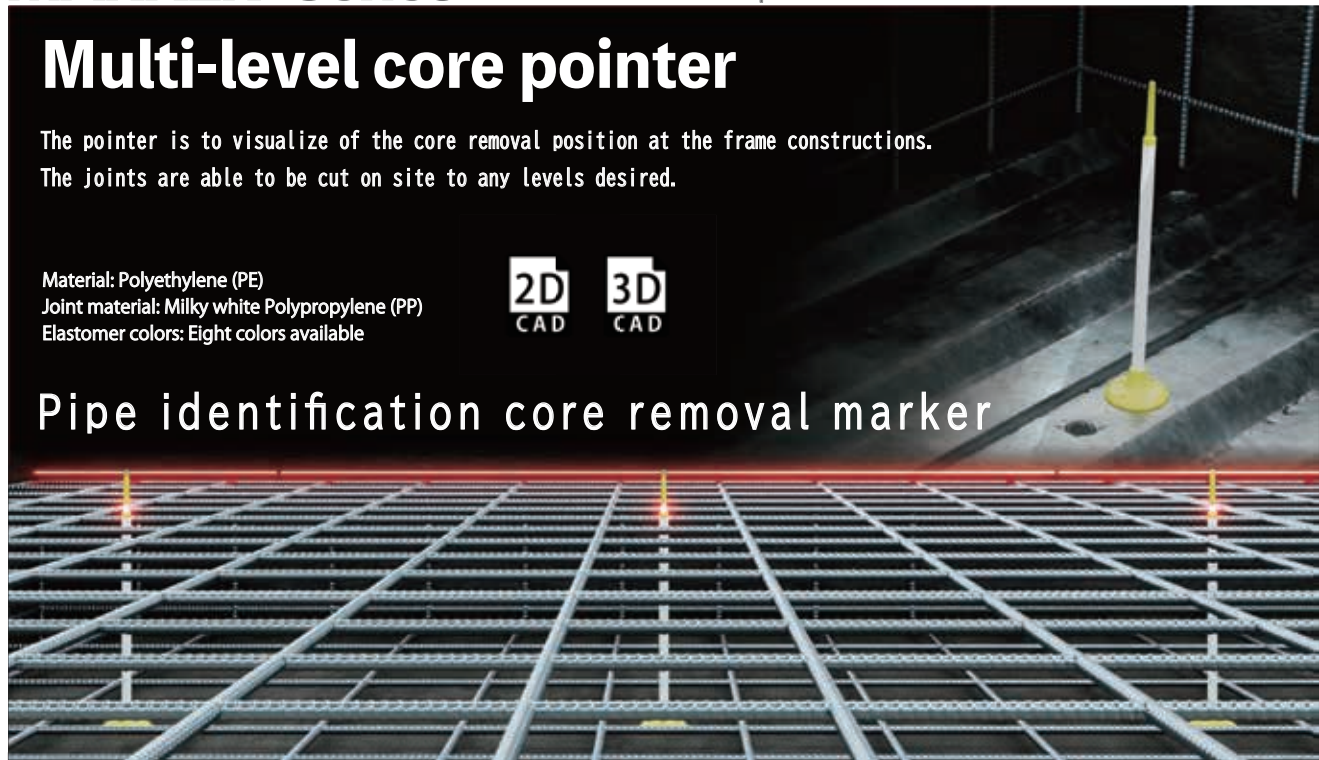
SG SU

Size	Dia.	W	H	t	Blue [01] 5PB5/9	Yellow green [02] 10GY6.5/11	Orange [03] 3.75YR6.5/14	Green [06] 2.5BG4/10	Pink [07] 10RP5/14	Light blue [08] 10B5/11	Purple [09] 5P5/10	Black [12] N1	Red [14] 5R4.5/14	Yellow [16] 2.5Y8/14	White [26] N39	Shipping Unit	MSRP Per PCS
SG15	21.7	28	6.8	1.2	PMSG-01501	PMSG-01502	PMSG-01503	PMSG-01506	PMSG-01507	PMSG-01508	PMSG-01510	PMSG-01512	PMSG-01514	PMSG-01516	PMSG-01526	500	\$0.33
SG20	27.2	↑	↑	↑	PMSG-02001	PMSG-02002	PMSG-02003	PMSG-02006	PMSG-02007	PMSG-02008	PMSG-02010	PMSG-02012	PMSG-02014	PMSG-02016	PMSG-02026	500	\$0.33
13SU	15.88		7.1		PMSU-01301	PMSU-01302	PMSU-01303	PMSU-01306	PMSU-01307	PMSU-01308	PMSU-01310	PMSU-01312	PMSU-01314	PMSU-01316	PMSU-01326	500	\$0.33
20SU	22.22		6.8		PMSU-02001	PMSU-02002	PMSU-02003	PMSU-02006	PMSU-02007	PMSU-02008	PMSU-02010	PMSU-02012	PMSU-02014	PMSU-02016	PMSU-02026	500	\$0.33
25SU	28.58		6.6		PMSU-02501	PMSU-02502	PMSU-02503	PMSU-02506	PMSU-02507	PMSU-02508	PMSU-02510	PMSU-02512	PMSU-02514	PMSU-02516	PMSU-02526	500	\$0.33
30SU	34.0		6.5	1.5	PMSU-03001	PMSU-03002	PMSU-03003	PMSU-03006	PMSU-03007	PMSU-03008	PMSU-03010	PMSU-03012	PMSU-03014	PMSU-03016	PMSU-03026	500	\$0.42
40SU	42.7		6.4	↑	PMSU-04001	PMSU-04002	PMSU-04003	PMSU-04006	PMSU-04007	PMSU-04008	PMSU-04010	PMSU-04012	PMSU-04014	PMSU-04016	PMSU-04026	500	\$0.50
50SU	48.6		6.3	↑	PMSU-05001	PMSU-05002	PMSU-05003	PMSU-05006	PMSU-05007	PMSU-05008	PMSU-05010	PMSU-05012	PMSU-05014	PMSU-05016	PMSU-05026	500	\$0.58
60SU	60.5		↑	1.7	PMSU-06001	PMSU-06002	PMSU-06003	PMSU-06006	PMSU-06007	PMSU-06008	PMSU-06010	PMSU-06012	PMSU-06014	PMSU-06016	PMSU-06026	300	\$0.67
75SU	76.3		6.2	2.0	PMSU-07501	PMSU-07502	PMSU-07503	PMSU-07506	PMSU-07507	PMSU-07508	PMSU-07510	PMSU-07512	PMSU-07514	PMSU-07516	PMSU-07526	300	\$0.83
80SU	89.1		6.1	↑	PMSU-08001	PMSU-08002	PMSU-08003	PMSU-08006	PMSU-08007	PMSU-08008	PMSU-08010	PMSU-08012	PMSU-08014	PMSU-08016	PMSU-08026	300	\$1.04
100SU	114.3		↑	↑	PMSU-10001	PMSU-10002	PMSU-10003	PMSU-10006	PMSU-10007	PMSU-10008	PMSU-10010	PMSU-10012	PMSU-10014	PMSU-10016	PMSU-10026	200	\$1.25
125SU	139.8	35	10.1	2.5	PMSU-12501	PMSU-12502	PMSU-12503	PMSU-12506	PMSU-12507	PMSU-12508	PMSU-12510	PMSU-12512	PMSU-12514	PMSU-12516	PMSU-12526	200	\$1.67
150SU	165.2	↑	↑	↑	PMSU-15001	PMSU-15002	PMSU-15003	PMSU-15006	PMSU-15007	PMSU-15008	PMSU-15010	PMSU-15012	PMSU-15014	PMSU-15016	PMSU-15026	100	\$2.08

Multi-level core pointer

The pointer is to visualize of the core removal position at the frame constructions. The joints are able to be cut on site to any levels desired.

Material: Polyethylene (PE)
 Joint material: Milky white Polypropylene (PP)
 Elastomer colors: Eight colors available



Pipe identification core removal marker



Light weight

Since many multi-level core pointers required in the leveling field, it makes easily to carry to the site and increases work efficiency.

⚠ It is recommended to cut the base side, it makes difficult to install the antennae with cutting surface.



Any level can be adjustable

By cutting the joints, it can adjust the length to level to any slab thickness. The joints can be easily cut with a cutter or scissors.



Safety measure

The flexible material prevent injury compared with the conventional metal method when positioning for core removal.



Structure for stability

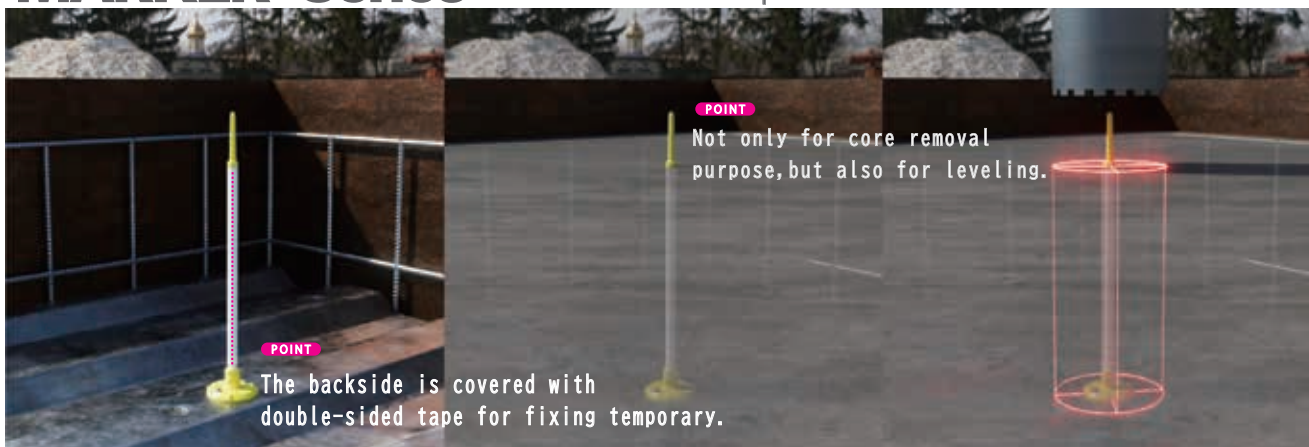
It has the screw hole for fixing the base to the core removal position. In addition, double-sided tape is attached to the backside to prevent peeling of even under the pressure of pouring concrete.

MARKER Series

Multi-level core pointer

9203

Multi-level core pointer



STEP-1

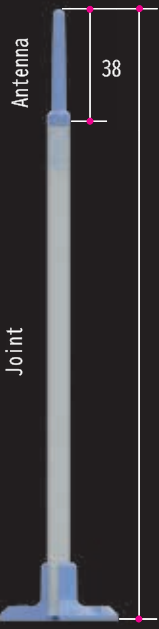
Set in the center of the area to be core removal.

STEP-2

Pour concrete up to the slab thickness.

STEP-3

The core can be extracted easily based on the center of the antenna.



- H150 173mm
- H200 213mm
- H300 323mm
- H400 423mm



Multi-level core pointer II is recommended for H300/H400 to prevent from fall down.



The size are based on slab thickness. Please cut the joints as needed.

Blue [01]			Yellow green [02]	Orange [03]	Green [06]	Pink [07]	Light blue [08]	Purple [09]	Yellow [16]	Weight	Shipping Unit	MSRP perPCS
Product No.	Size	Length	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.				
MCP001-0150	H150	173mm	MCP002-0150	MCP003-0150	MCP006-0150	MCP007-0150	MCP008-0150	MCP009-0150	MCP016-0150	g	1000	\$1.08
MCP001-0200	H200	213mm	MCP002-0200	MCP003-0200	MCP006-0200	MCP007-0200	MCP008-0200	MCP009-0200	MCP016-0200	g	1000	\$1.25
MCP001-0300	H300	323mm	MCP002-0300	MCP003-0300	MCP006-0300	MCP007-0300	MCP008-0300	MCP009-0300	MCP016-0300	g	500	\$1.58
MCP001-0400	H400	423mm	MCP002-0400	MCP003-0400	MCP006-0400	MCP007-0400	MCP008-0400	MCP009-0400	MCP016-0400	g	500	\$1.83

Multi-level core pointer II

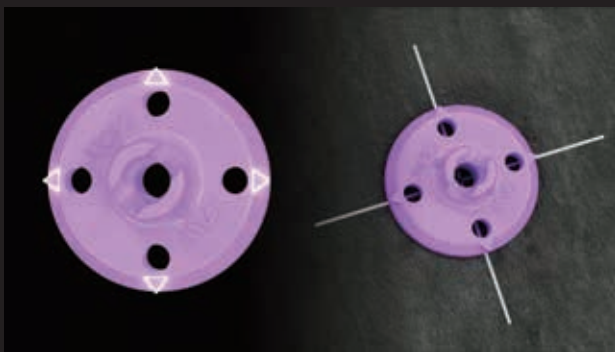
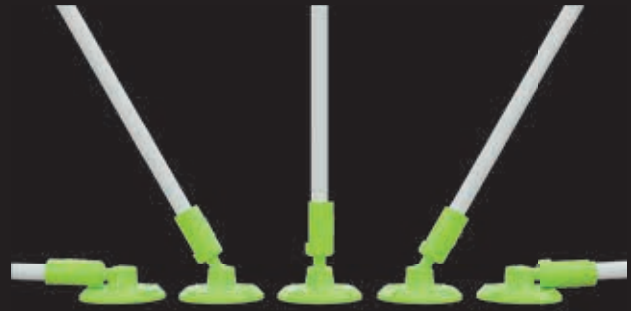
The pointer is to visualize of the core removal position at the frame constructions.
 The joints are able to be cut on site to any levels desired.
 Tripod system provided as a standard accessories.
 The joint size is the same length as antenna.

Material: Polyethylene (PE)
 Joint material: Milky white Polypropylene (PP)
 Elastomer colors: Eight colors available



Adjustable at any angle

It can be installed at any angle such as inclined surface of mountainous decks by ball joint.



Advantage of the features of tripod base

It makes easier inatallation by aligning the four triangles.

Structure for stability

It has the screw hole for fixing the base to the core removal position. In addition, double-sided tape is attached to the backside to prevent peeling of even under the pressure of pouring concrete.



D. 1654412

MARKER Series

Multi-level core pointer II

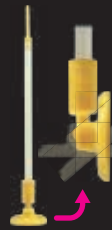
9206



Determine the center of the core removal point.

Please use the "Multi-level core pointer II" for the surface with sloped and flat mixed as like the figure above.

Please use the "Multi-level core pointer" for the flat surface.



Attached the base after adjusting the angle.



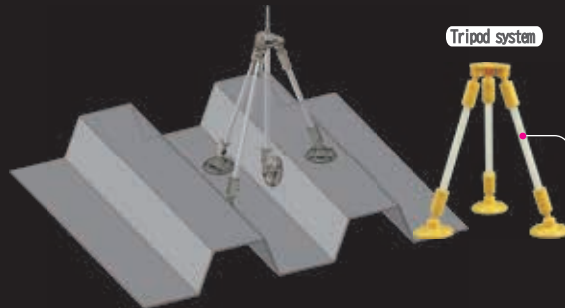
Please adjust 90 degrees on the core removal center.

Center of core removal point

D. 1654412



Use each flexible ball joints to various angles and heights, and keeping antenna vertical to the ground.



Tripod system

Please cut the joints as needed.



Blue [01] Yellow green [02] Orange [03] Green [06] Pink [07] Light blue [08] Purple [09] Yellow [16]

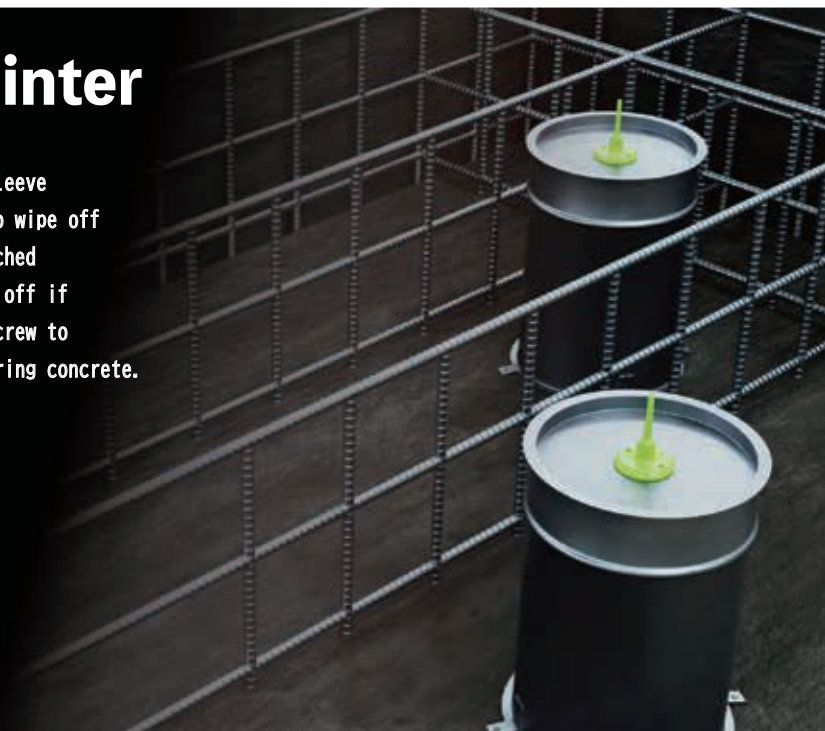
The size are based on slab thickness. Please cut the joints as needed.

Blue [01]			Yellow green [02]		Orange [03]		Green [06]		Pink [07]		Light blue [08]		Purple [09]		Yellow [16]		Weight	Shipping Unit	MSRP perPCS
Product No.	Size	Length	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.						
MCP201-0150	H150	194mm	MCP202-0150	MCP203-0150	MCP206-0150	MCP207-0150	MCP208-0150	MCP209-0150	MCP216-0150	g	500	\$4.00							
MCP201-0200	H200	234mm	MCP202-0200	MCP203-0200	MCP206-0200	MCP207-0200	MCP208-0200	MCP209-0200	MCP216-0200	g	500	\$4.33							
MCP201-0300	H300	344mm	MCP202-0300	MCP203-0300	MCP206-0300	MCP207-0300	MCP208-0300	MCP209-0300	MCP216-0300	g	500	\$4.67							
MCP201-0400	H400	444mm	MCP202-0400	MCP203-0400	MCP206-0400	MCP207-0400	MCP208-0400	MCP209-0400	MCP216-0400	g	500	\$5.67							

Multi Sleeve Pointer

This is to visualize the position of the sleeve after concrete placement. Please be sure to wipe off any dirt or oil before attachment. If attached double-sided tape only, it may easily peel off if it is dirty. It is recommended to fix by screw to prevent position shift by the force of pouring concrete.

Elastomer: Polyethylene (PE)
Elastomer color: Eight colors available



Light weight

Since the Multi Sleeve pointer weight approx. 8g, it makes easily to carry to the site and increases work efficiency.



Safety measure

The flexible material prevent injury compared with the conventional metal method when positioning for core removal.



Structure for stability

It has the screw hole for fixing the base to the core removal position. In addition, double-sided tape is attached to the backside to prevent peeling of even under the pressure of pouring concrete.



Example

MARKER Series

Multi Sleeve Pointer

9207



STEP-1

Set in the center of the sleeve.
Be sure to wipe off any dirt or oil.

STEP-2

Pour slowly the ready-mixed concrete
to prevent the sleeve pointer from
peeling off.

STEP-3

The antenna indicate the
center of the sleeve.



Blue [01]



Yellow green [02]



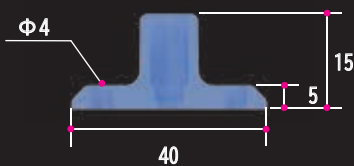
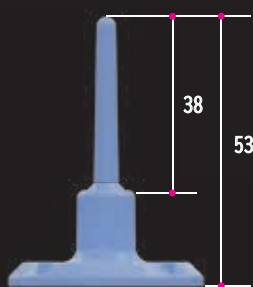
Orange [03]



Green [06]



Pink [07]



[Cross section]



Light blue [08]



Purple [09]

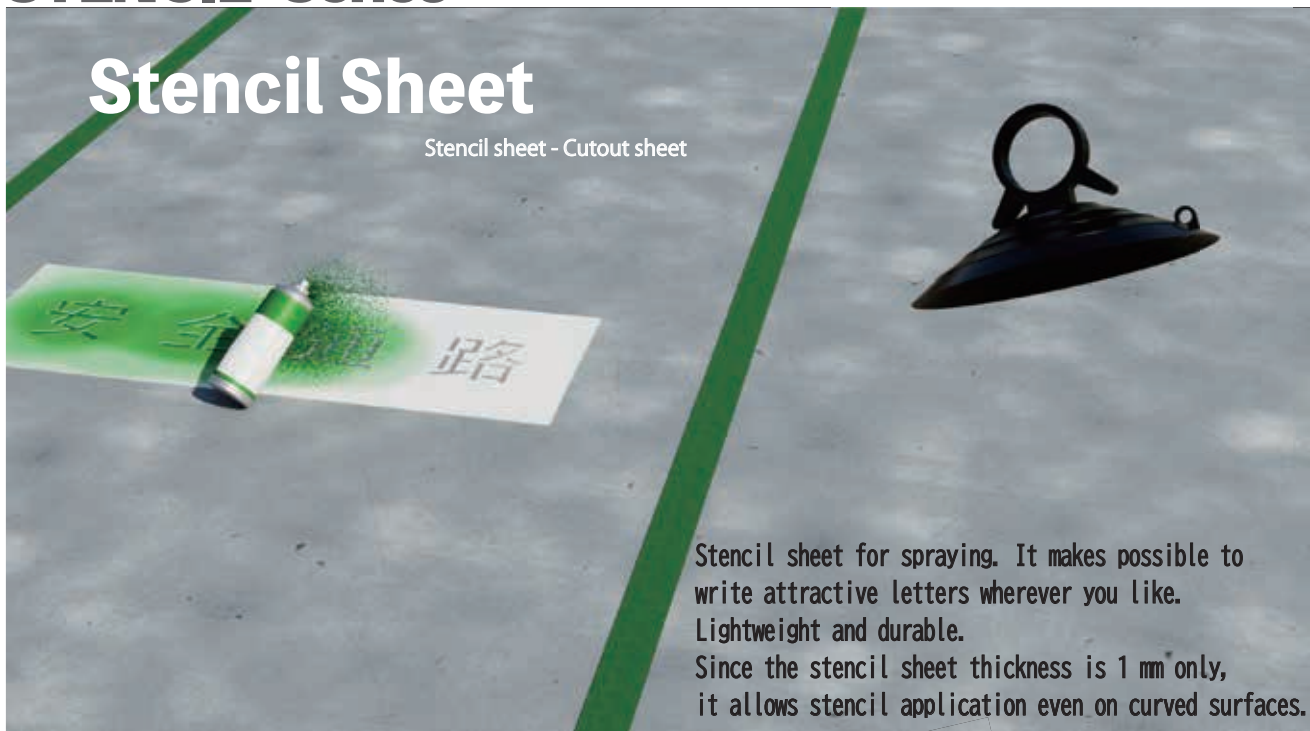


Yellow [16]

Blue [01]			Yellow green [02]	Orange [03]	Green [06]	Pink [07]	Light blue [08]	Purple [09]	Yellow [16]	Weight	Shipping Unit	MSRP perPCS
Product No.	Size	Length	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.				
MSP001-0053	53	53mm	MSP002-0053	MSP003-0053	MSP006-0053	MSP007-0053	MSP008-0053	MSP009-0053	MSP016-0053	g	1000	\$0.58

Stencil Sheet

Stencil sheet - Cutout sheet



Stencil sheet for spraying. It makes possible to write attractive letters wherever you like. Lightweight and durable. Since the stencil sheet thickness is 1 mm only, it allows stencil application even on curved surfaces.

✓ Resin: Polypropylene (PP)



[Variation example]



There are other variation other than shown in the image. Alphabets are also avairtable.

Product No.	Letter size (mm)	Letter No.	Letters	Accessory	Sheet size			Shipping Unit	MSRP per PCS
					W	D	t		
STS01-0100	100	01	頭上注意	Suction cup (1 pcs)	700	240	1	1set	\$54.17
STS02-0100	↑	02	作業通路	↑	↑	↑	↑	1set	\$54.17
STS03-0100	↑	03	安全通路	↑	↑	↑	↑	1set	\$54.17
STS04-0100	↑	04	火気厳禁	↑	↑	↑	↑	1set	\$54.17
STS05-0100	↑	05	開口部注意	↑	↑	↑	↑	1set	\$54.17
STS06-0100	↑	06	足もと注意	↑	↑	↑	↑	1set	\$54.17
STS07-0100	↑	07	立入禁止	↑	↑	↑	↑	1set	\$54.17
STS08-0100	↑	08	通行注意	↑	↑	↑	↑	1set	\$54.17
STS09-0100	↑	09	段差あり	↑	↑	↑	↑	1set	\$54.17
STS10-0100	↑	10	進入禁止	↑	↑	↑	↑	1set	\$54.17
STS11-0100	↑	11	車両出入り口	↑	830	↑	↑	1set	\$54.17
STS12-0100	↑	12	駐車禁止	↑	700	↑	↑	1set	\$54.17
STS13-0100	↑	13	資材置場	↑	↑	↑	↑	1set	\$54.17

Stencil Series Joint Stencil

9209

Joint Stencil

Joint Stencil

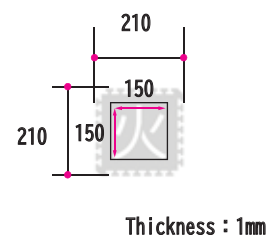
Carried compactly taking it to pieces.

Various letter size can combined as you like. It makes possible to write attractive letters wherever you like.

It can be stacked for storage. Best use for carry.

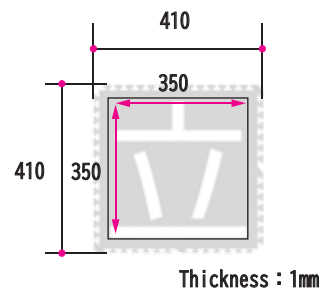
【Set type letter size 150mm】

Product No.	Letter size (mm)	Letter No.	Letters	Shipping Unit	MSRP perPCS
JST01-0150	150X150	01	頭上注意	1set	\$83.33
JST02-0150		02	作業通路	1set	\$83.33
JST03-0150		03	安全通路	1set	\$83.33
JST04-0150		04	火気厳禁	1set	\$83.33
JST05-0150		05	開口部注意	1set	\$104.17
JST06-0150		06	足もと注意	1set	\$104.17
JST07-0150		07	立入禁止	1set	\$83.33
JST08-0150		08	通行注意	1set	\$83.33
JST09-0150		09	段差あり	1set	\$83.33
JST10-0150		10	進入禁止	1set	\$83.33
JST11-0150		11	車両出入り口	1set	\$125.00
JST12-0150		12	駐車禁止	1set	\$83.33
JST13-0150		13	資材置場	1set	\$83.33



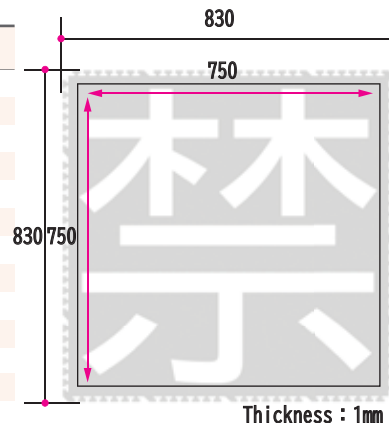
【Set type letter size 350mm】

Product No.	Letter size (mm)	Letter No.	Letters	Shipping Unit	MSRP perPCS
JST01-0350	350X350	01	頭上注意	1set	\$166.67
JST02-0350		02	作業通路	1set	\$166.67
JST03-0350		03	安全通路	1set	\$166.67
JST04-0350		04	火気厳禁	1set	\$166.67
JST05-0350		05	開口部注意	1set	\$208.33
JST06-0350		06	足もと注意	1set	\$208.33
JST07-0350		07	立入禁止	1set	\$166.67
JST08-0350		08	通行注意	1set	\$166.67
JST09-0350		09	段差あり	1set	\$166.67
JST10-0350		10	進入禁止	1set	\$166.67
JST11-0350		11	車両出入り口	1set	\$250.00
JST12-0350		12	駐車禁止	1set	\$166.67
JST13-0350		13	資材置場	1set	\$166.67



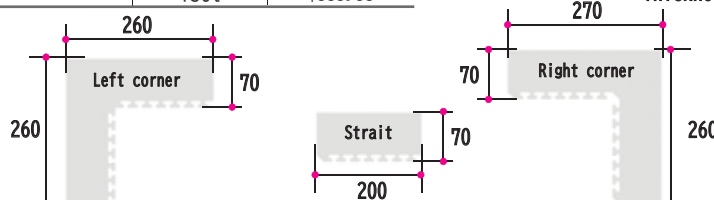
【Set type letter size 750mm】

Product No.	Letter size (mm)	Letter No.	Letters	Shipping Unit	MSRP perPCS
JST01-0750	750X750	01	頭上注意	1set	\$333.33
JST02-0750		02	作業通路	1set	\$333.33
JST03-0750		03	安全通路	1set	\$333.33
JST04-0750		04	火気厳禁	1set	\$333.33
JST05-0750		05	開口部注意	1set	\$416.67
JST06-0750		06	足もと注意	1set	\$416.67
JST07-0750		07	立入禁止	1set	\$333.33
JST08-0750		08	通行注意	1set	\$333.33
JST09-0750		09	段差あり	1set	\$333.33
JST10-0750		10	進入禁止	1set	\$333.33
JST11-0750		11	車両出入り口	1set	\$500.00
JST12-0750		12	駐車禁止	1set	\$333.33
JST13-0750		13	資材置場	1set	\$333.33



【Spacer plate】

Product No.	Shape	Shipping Unit	MSRP perPCS
JST-R01	Right corner	1	\$16.67
JST-L01	Left corner	1	\$16.67
JST-ST01	Strait	1	\$8.33



EL CAP Series

EL Bolt Head Cap

9300

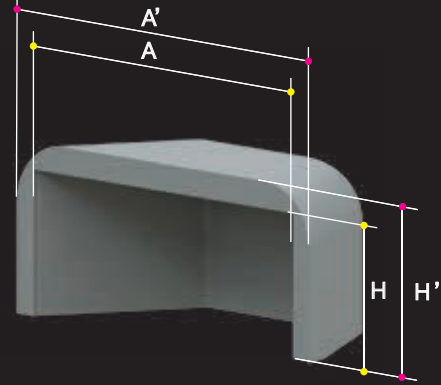
BOLT

Hexagon bolt cap



* The size stamped on the back of the product is the diameter of the hexagon bolt.

*A is the dimension of the diameter of the bolt



[Cross section view]

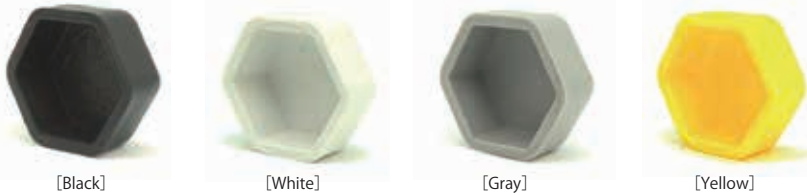
● Internal dimension
● External dimension

✓RoHS2 Elastomer



Color Lineup

Recommended for outdoor use



[Black]

[White]

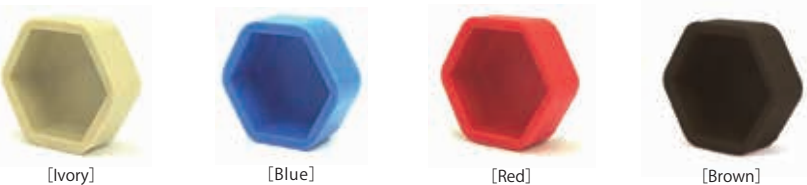
[Gray]

[Yellow]

M6 to M10 can be used as EL hex nut caps as well.

Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP perPCS
M 6	EA30212-0006	EB30212-0006	EC30212-0006	EE30212-0006	1g	10x5 (13x6.5)	3000	\$ 0.50
M 8	EA30212-0008	EB30212-0008	EC30212-0008	EE30212-0008	1g	13x6.5 (16x8)	3000	\$ 0.50
M 1 0	EA30212-0010	EB30212-0010	EC30212-0010	EE30212-0010	2g	17x8 (20x9.5)	3000	\$ 0.67
M 1 2	EA30212-0012	EB30212-0012	EC30212-0012	EE30212-0012	3g	19x8 (23x10)	3000	\$ 0.83
M 1 6	EA30212-0016	EB30212-0016	EC30212-0016	EE30212-0016	4g	24x10 (28x12)	2000	\$ 1.00
M 2 0	EA30212-0020	EB30212-0020	EC30212-0020	EE30212-0020	5g	30x13 (34x15)	2000	\$ 1.17
M 2 2	EA30212-0022	EB30212-0022	EC30212-0022	EE30212-0022	7g	32x14 (37x16.5)	1200	\$ 1.33
M 2 4	EA30212-0024	EB30212-0024	EC30212-0024	EE30212-0024	8g	36x15 (41x17.5)	1000	\$ 1.67

Custom made color



[Ivory]

[Blue]

[Red]

[Brown]

Ivory/Blue/Red/Brown applies for custom made.

It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP perPCS
M 6	ED30212-0006	EF30212-0006	EG30212-0006	EH30212-0006	1g	10x5 (13x6.5)	3000	\$ 0.50
M 8	ED30212-0008	EF30212-0008	EG30212-0008	EH30212-0008	1g	13x6.5 (16x8)	3000	\$ 0.50
M 1 0	ED30212-0010	EF30212-0010	EG30212-0010	EH30212-0010	2g	17x8 (20x9.5)	3000	\$ 0.67
M 1 2	ED30212-0012	EF30212-0012	EG30212-0012	EH30212-0012	3g	19x8 (23x10)	3000	\$ 0.83
M 1 6	ED30212-0016	EF30212-0016	EG30212-0016	EH30212-0016	4g	24x10 (28x12)	2000	\$ 1.00
M 2 0	ED30212-0020	EF30212-0020	EG30212-0020	EH30212-0020	5g	30x13 (34x15)	2000	\$ 1.17
M 2 2	ED30212-0022	EF30212-0022	EG30212-0022	EH30212-0022	7g	32x14 (37x16.5)	1200	\$ 1.33
M 2 4	ED30212-0024	EF30212-0024	EG30212-0024	EH30212-0024	8g	36x15 (41x17.5)	1000	\$ 1.67

EL CAP Series

EL Bolt Cosmetic Cap

9301

* The size stamped on the back of the product is the diameter of the hexagon bolt.

BOLT
Hexagon bolt cap

M6
M12

A
A'
H
H'

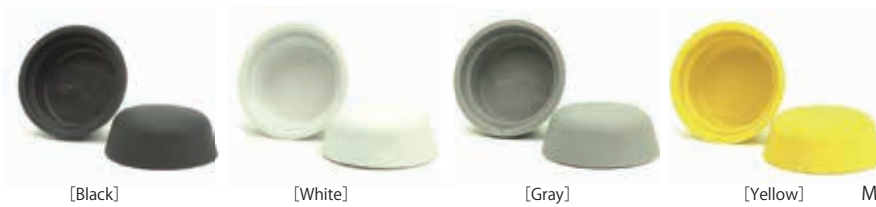
[Cross section view]

- Internal dimension
- External dimension

2D CAD 3D CAD Elastomer ✓RoHS2

Color Lineup

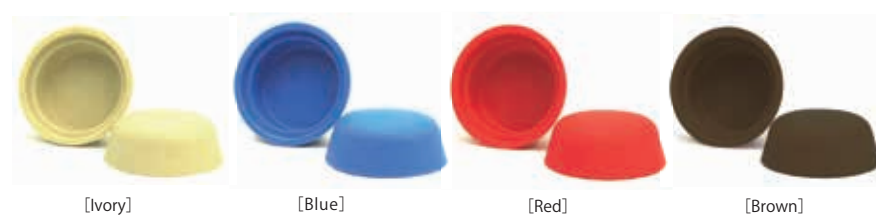
Recommended for outdoor use



M6 to M10 can be used as EL cosmetic nut caps as well.

Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP per PCS
M6	FA30212-0006	FB30212-0006	FC30212-0006	FE30212-0006	1g	10.5x4.5 (15.5x6)	3000	\$0.50
M8	FA30212-0008	FB30212-0008	FC30212-0008	FE30212-0008	1g	14x6 (20x8)	3000	\$0.50
M10	FA30212-0010	FB30212-0010	FC30212-0010	FE30212-0010	2g	18x7.5 (26x9.5)	3000	\$0.67
M12	FA30212-0012	FB30212-0012	FC30212-0012	FE30212-0012	3g	20x8.5 (29x11)	3000	\$0.83

Custom made color



Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP per PCS
M6	FD30212-0006	FF30212-0006	FG30212-0006	FH30212-0006	1g	10.5x4.5 (15.5x6)	3000	\$0.50
M8	FD30212-0008	FF30212-0008	FG30212-0008	FH30212-0008	1g	14x6 (20x8)	3000	\$0.50
M10	FD30212-0010	FF30212-0010	FG30212-0010	FH30212-0010	2g	18x7.5 (26x9.5)	3000	\$0.67
M12	FD30212-0012	FF30212-0012	FG30212-0012	FH30212-0012	3g	20x8.5 (29x11)	3000	\$0.83

EL CAP Series

EL Hexagon Bolt Cap Washer Attached Cap

9305

EL Hexagon Bolt Cap Washer Attached Cap

BOLT

Hexagon bolt cap

* The size stamped on the back of the product is the diameter of the hexagon bolt.

[Cross section view]

- Internal dimension
- External dimension

✓RoHS2 Elastomer 2D CAD 3D CAD

Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size								Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	D	D'	H1	H2	H	H'	t		
M6	EA30212-W006	EB30212-W006	EC30212-W006	EE30212-W006	1g	10	13.2	16.2	5	1.8	6.8	8.3	1.5	3000	\$0.58
M8	EA30212-W008	EB30212-W008	EC30212-W008	EE30212-W008	2g	13	17.7	20.7	6.5	1.8	8.3	9.8	1.5	3000	\$0.67
M10	EA30212-W010	EB30212-W010	EC30212-W010	EE30212-W010	3g	17	21.7	24.7	8	2.2	10.2	11.7	1.5	3000	\$0.75
M12	EA30212-W012	EB30212-W012	EC30212-W012	EE30212-W012	4g	19	25.3	29.3	8	2.8	10.8	12.8	2	2400	\$1.00
M16	EA30212-W016	EB30212-W016	EC30212-W016	EE30212-W016	5g	24	31.3	35.3	10	3.3	13.3	15.3	2	2000	\$1.17
M20	EA30212-W020	EB30212-W020	EC30212-W020	EE30212-W020	6g	30	38.3	42.3	13	3.3	16.3	18.3	2	1200	\$1.33
M22	EA30212-W022	EB30212-W022	EC30212-W022	EE30212-W022	8g	32	40.3	45.3	14	3.3	17.3	19.8	2.5	1000	\$1.50
M24	EA30212-W024	EB30212-W024	EC30212-W024	EE30212-W024	11g	36	45.4	50.4	15	4.4	19.4	21.9	2.5	1000	\$1.83

Custom made color



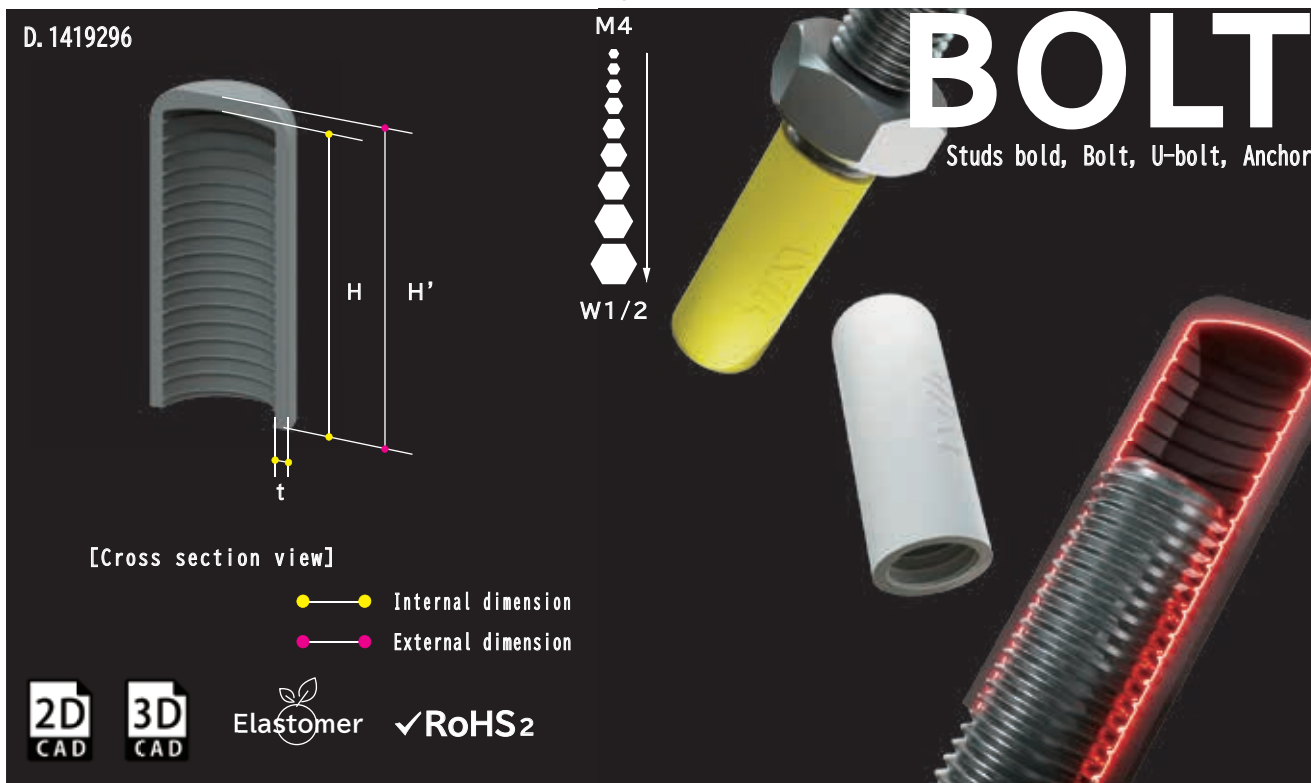
Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size								Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	D	D'	H1	H2	H	H'	t		
M6	ED30212-W006	EF30212-W006	EG30212-W006	EH30212-W006	1g	10	13.2	16.2	5	1.8	6.8	8.3	1.5	3000	\$0.58
M8	ED30212-W008	EF30212-W008	EG30212-W008	EH30212-W008	2g	13	17.7	20.7	6.5	1.8	8.3	9.8	1.5	3000	\$0.67
M10	ED30212-W010	EF30212-W010	EG30212-W010	EH30212-W010	3g	17	21.7	24.7	8	2.2	10.2	11.7	1.5	3000	\$0.75
M12	ED30212-W012	EF30212-W012	EG30212-W012	EH30212-W012	4g	19	25.3	29.3	8	2.8	10.8	12.8	2	2400	\$1.00
M16	ED30212-W016	EF30212-W016	EG30212-W016	EH30212-W016	5g	24	31.3	35.3	10	3.3	13.3	15.3	2	2000	\$1.17
M20	ED30212-W020	EF30212-W020	EG30212-W020	EH30212-W020	6g	30	38.3	42.3	13	3.3	16.3	18.3	2	1200	\$1.33
M22	ED30212-W022	EF30212-W022	EG30212-W022	EH30212-W022	8g	32	40.3	45.3	14	3.3	17.3	19.8	2.5	1000	\$1.50
M24	ED30212-W024	EF30212-W024	EG30212-W024	EH30212-W024	11g	36	45.4	50.4	15	4.4	19.4	21.9	2.5	1000	\$1.83

EL CAP Series

EL Bolt Cap

9307



[Cross section view]

● Internal dimension
● External dimension



✓RoHS2

Color Lineup

Recommended for outdoor use



[Black]



[White]



[Gray]



[Yellow]

M8 and W5/16 can be used for both.

Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size H x H' x t	Shipping Unit Box	MSRP perPCS
M4	EA30203-0004	EB30203-0004	EC30203-0004	EE30203-0004	1g	15x16.7x1.0	3000	\$0.50
M5	EA30203-0005	EB30203-0005	EC30203-0005	EE30203-0005	1g	15x16.7x1.0	3000	\$0.50
M6	EA30203-0006	EB30203-0006	EC30203-0006	EE30203-0006	1g	20x21.7x1.0	3000	\$0.50
M8	EA30203-0008	EB30203-0008	EC30203-0008	EE30203-0008	1g	25x27x1.3	3000	\$0.50
M1 0	EA30203-0010	EB30203-0010	EC30203-0010	EE30203-0010	1g	30x32.5x1.3	3000	\$0.50
M1 2	EA30203-0012	EB30203-0012	EC30203-0012	EE30203-0012	2g	30x32.5x1.3	3000	\$0.67
W5/16	EA30203-0516	EB30203-0516	EC30203-0516	EE30203-0516	1g	25x27x1.3	3000	\$0.50
W3/8	EA30203-0308	EB30203-0308	EC30203-0308	EE30203-0308	1g	30x32.5x1.3	3000	\$0.50
W1/2	EA30203-0102	EB30203-0102	EC30203-0102	EE30203-0102	2g	30x32.5x1.3	3000	\$0.67

Custom made color



[Ivory]



[Blue]



[Red]



[Brown]

Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

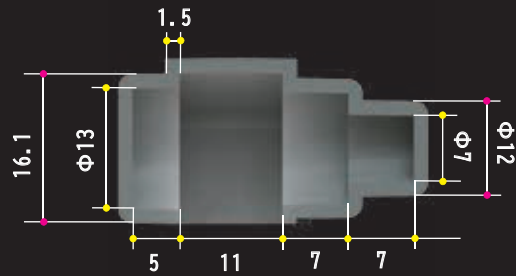
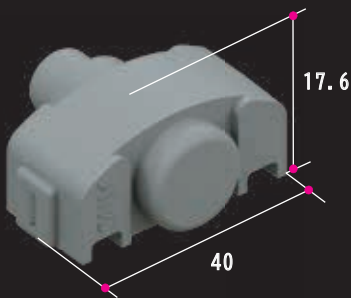
Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size H x H' x t	Shipping Unit Box	MSRP perPCS
M4	ED30203-0004	EF30203-0004	EG30203-0004	EH30203-0004	1g	15x16.7x1.0	3000	\$0.50
M5	ED30203-0005	EF30203-0005	EG30203-0005	EH30203-0005	1g	15x16.7x1.0	3000	\$0.50
M6	ED30203-0006	EF30203-0006	EG30203-0006	EH30203-0006	1g	20x21.7x1.0	3000	\$0.50
M8	ED30203-0008	EF30203-0008	EG30203-0008	EH30203-0008	1g	25x27x1.3	3000	\$0.50
M1 0	ED30203-0010	EF30203-0010	EG30203-0010	EH30203-0010	1g	30x32.5x1.3	3000	\$0.50
M1 2	ED30203-0012	EF30203-0012	EG30203-0012	EH30203-0012	2g	30x32.5x1.3	3000	\$0.67
W5/16	ED30203-0516	EF30203-0516	EG30203-0516	EH30203-0516	1g	25x27x1.3	3000	\$0.50
W3/8	ED30203-0308	EF30203-0308	EG30203-0308	EH30203-0308	1g	30x32.5x1.3	3000	\$0.50
W1/2	ED30203-0102	EF30203-0102	EG30203-0102	EH30203-0102	2g	30x32.5x1.3	3000	\$0.67

BOLT

Ductor Clip



✓RoHS2 Elastomer



[Cross section view]

● Internal dimension
● External dimension

Color Lineup

Recommended for outdoor use



[Black]



[White]



[Gray]



[Yellow]

[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Shipping Unit Box	MSRP per PCS
EA30208-0001	EB30208-0001	EC30208-0001	EE30208-0001	3g	3600	\$0.42

EL CAP Series

EL Hexagon Nut Cap

9302

EL Hexagon Nut Cap

* The size stamped on the back of the product is the diameter of the hexagon nut.

*A is the dimension of the diameter of the nut.

NUT
Hexagon Nut cap

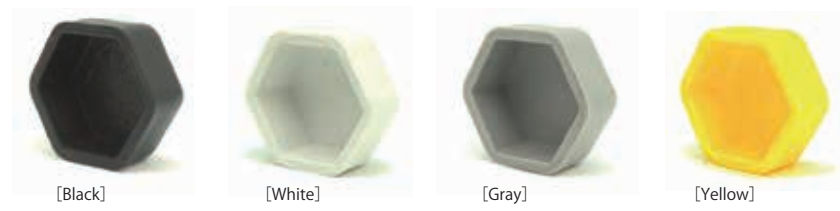
[Cross section view]

- Internal dimension
- External dimension

2D CAD 3D CAD Elastomer ✓RoHS2

Color Lineup

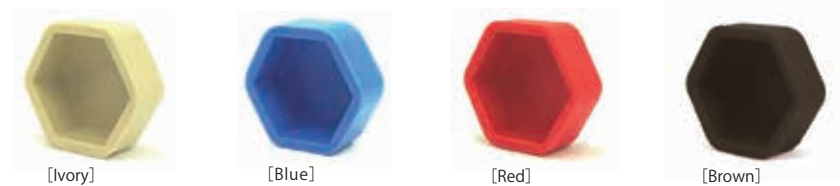
Recommended for outdoor use



M6 to M10 can be used as EL hex bolt caps as well.

Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP perPCS
M6	EA30218-0006	EB30218-0006	EC30218-0006	EE30218-0006	1g	10x5 (13x6.5)	3000	\$0.50
M8	EA30218-0008	EB30218-0008	EC30218-0008	EE30218-0008	1g	13x6.5 (16x8)	3000	\$0.50
M10	EA30218-0010	EB30218-0010	EC30218-0010	EE30218-0010	2g	17x8 (20x9.5)	3000	\$0.67
M12	EA30218-0012	EB30218-0012	EC30218-0012	EE30218-0012	3g	19x10 (23x12)	3000	\$0.83

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP perPCS
M6	ED30218-0006	EF30218-0006	EG30218-0006	EH30218-0006	1g	10x5 (13x6.5)	3000	\$0.50
M8	ED30218-0008	EF30218-0008	EG30218-0008	EH30218-0008	1g	13x6.5 (16x8)	3000	\$0.50
M10	ED30218-0010	EF30218-0010	EG30218-0010	EH30218-0010	2g	17x8 (20x9.5)	3000	\$0.67
M12	ED30218-0012	EF30218-0012	EG30218-0012	EH30218-0012	3g	19x10 (23x12)	3000	\$0.83

EL CAP Series

EL Nut Cosmetic Cap

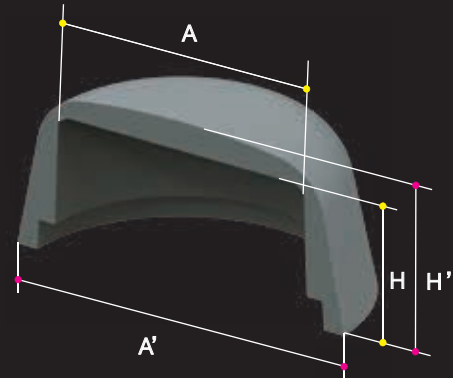
9303

NUT

Hexagon Nut cap



* The size stamped on the back of the product is the diameter of the hexagon Nut.



[Cross section view]

● Internal dimension
● External dimension

✓RoHS2 Elastomer



Color Lineup

Recommended for outdoor use



[Black]

[White]

[Gray]

[Yellow]

M6 to M10 can be used as EL cosmetic bolt caps as well.

Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP perPCS
M6	FA30218-0006	FB30218-0006	FC30218-0006	FE30218-0006	1g	10.5x4.5 (15.5x6)	3000	\$0.50
M8	FA30218-0008	FB30218-0008	FC30218-0008	FE30218-0008	1g	14x6 (20x8)	3000	\$0.50
M10	FA30218-0010	FB30218-0010	FC30218-0010	FE30218-0010	2g	18x7.5 (26x9.5)	3000	\$0.67

Custom made color



[Ivory]

[Blue]

[Red]

[Brown]

Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size A x H (A' x H')	Shipping Unit Box	MSRP perPCS
M6	FD30218-0006	FF30218-0006	FG30218-0006	FH30218-0006	1g	10.5x4.5 (15.5x6)	3000	\$0.50
M8	FD30218-0008	FF30218-0008	FG30218-0008	FH30218-0008	1g	14x6 (20x8)	3000	\$0.50
M10	FD30218-0010	FF30218-0010	FG30218-0010	FH30218-0010	2g	18x7.5 (26x9.5)	3000	\$0.67

EL CAP Series

EL Flange Nut Cap

9304

* The size stamped on the back of the product is the diameter of the hexagon nut.

NUT
Flange Nut, Flange Bolt

[Cross section view]

- Internal dimension
- External dimension

2D CAD 3D CAD Elastomer ✓RoHS2

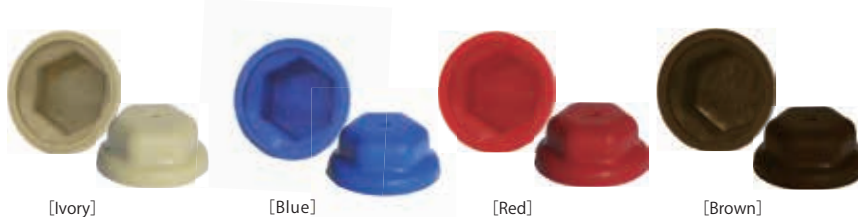
Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size								Shipping Unit Box	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	D	D'	H1	H2	H	H'	t		
M8	EA30219-0008	EB30219-0008	EC30219-0008	EE30219-0008	1g	12	16.8	19.8	6	1.5	7.5	9	1.5	3000	\$0.67
M10	EA30219-0010	EB30219-0010	EC30219-0010	EE30219-0010	2g	14	18.8	10.5	7.2	1.8	9	10.5	1.5	3000	\$0.83
M12	EA30219-0012	EB30219-0012	EC30219-0012	EE30219-0012	3g	17	24	28	9.2	1.8	11	13	2	1800	\$1.17

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size								Shipping Unit Box	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	D	D'	H1	H2	H	H'	t		
M8	ED30219-0008	EF30219-0008	EG30219-0008	EH30219-0008	1g	12	16.8	19.8	6	1.5	7.5	9	1.5	3000	\$0.67
M10	ED30219-0010	EF30219-0010	EG30219-0010	EH30219-0010	2g	14	18.8	10.5	7.2	1.8	9	10.5	1.5	3000	\$0.83
M12	ED30219-0012	EF30219-0012	EG30219-0012	EH30219-0012	3g	17	24	28	9.2	1.8	11	13	2	1800	\$1.17

EL CAP Series

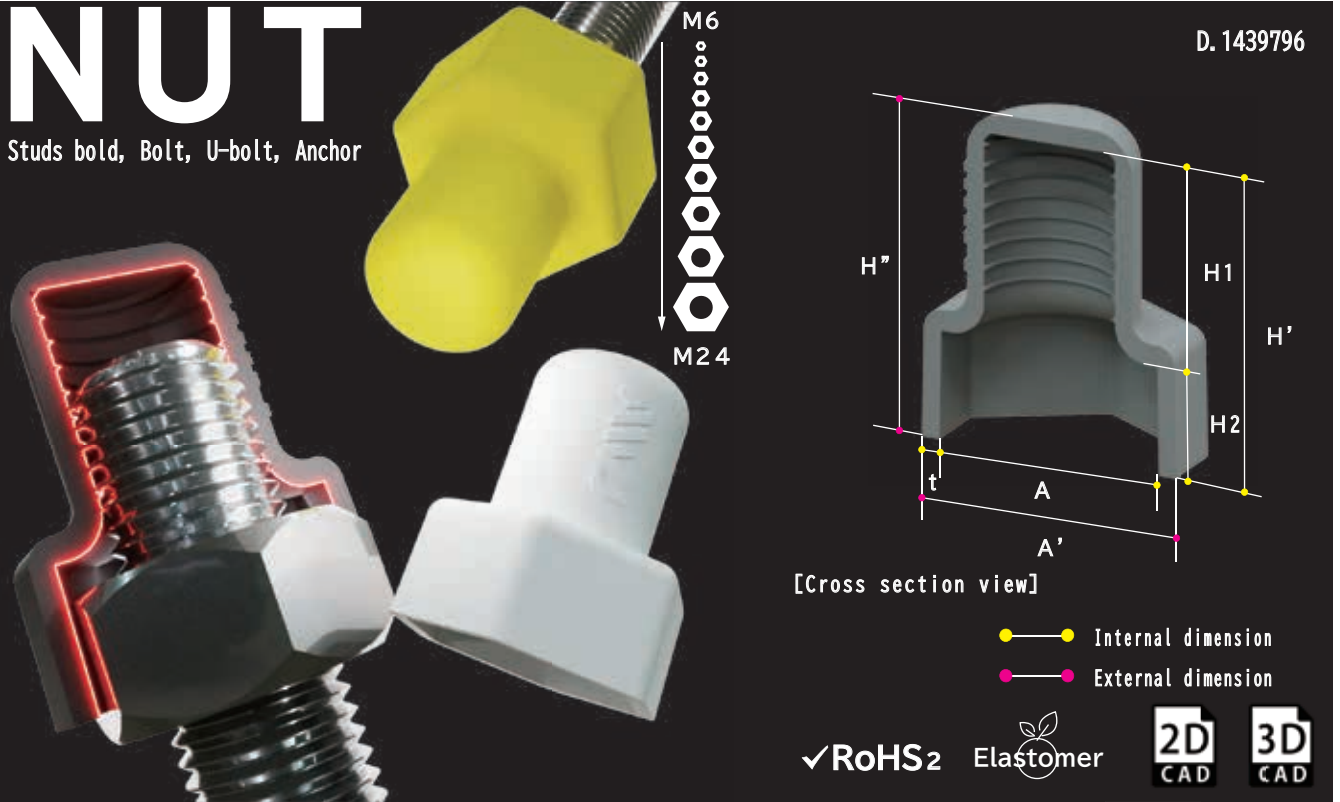
EL Single Nut Cap

9308

NUT

Studs bold, Bolt, U-bolt, Anchor

D. 1439796



[Cross section view]

● Internal dimension
● External dimension

✓RoHS2

Elastomer

2D CAD

3D CAD

Color Lineup

Recommended for outdoor use



[Black]



[White]



[Gray]



[Yellow]

Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size								Shipping Unit Box	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	A'	H	H'	H1	H2	t			
M6	EA30204-0006	EB30204-0006	EC30204-0006	EE30204-0006	1g	10	12	20	21.2	15	5	1.0	3000	\$0.67	
M8	EA30204-0008	EB30204-0008	EC30204-0008	EE30204-0008	1g	13	15.6	22	23.5	15	7	1.3	3000	\$0.67	
M1 0	EA30204-0010	EB30204-0010	EC30204-0010	EE30204-0010	2g	17	19.6	23	24.5	15	8	1.3	3000	\$0.83	
M1 2	EA30204-0012	EB30204-0012	EC30204-0012	EE30204-0012	3g	19	21.6	30	32	20	10	1.3	2000	\$1.00	
M1 6	EA30204-0016	EB30204-0016	EC30204-0016	EE30204-0016	6g	24	27	38	40	25	13	1.5	1600	\$1.33	
M2 0	EA30204-0020	EB30204-0020	EC30204-0020	EE30204-0020	9g	30	34	46	48	30	16	2.0	1000	\$2.17	
M2 2	EA30204-0022	EB30204-0022	EC30204-0022	EE30204-0022	15g	32	37	58	60.5	40	18	2.5	500	\$3.33	
M2 4	EA30204-0024	EB30204-0024	EC30204-0024	EE30204-0024	19g	36	41	69	71.5	50	19	2.5	500	\$3.83	
W3/8	EA30204-0308	EB30204-0308	EC30204-0308	EE30204-0308	2g	17	19.6	23	24.5	15	8	1.3	3000	\$0.83	
W1/2	EA30204-0102	EB30204-0102	EC30204-0102	EE30204-0102	3g	21	23.6	30	32	20	10	1.3	2000	\$1.00	

Custom made color



[Ivory]



[Blue]



[Red]



[Brown]

Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

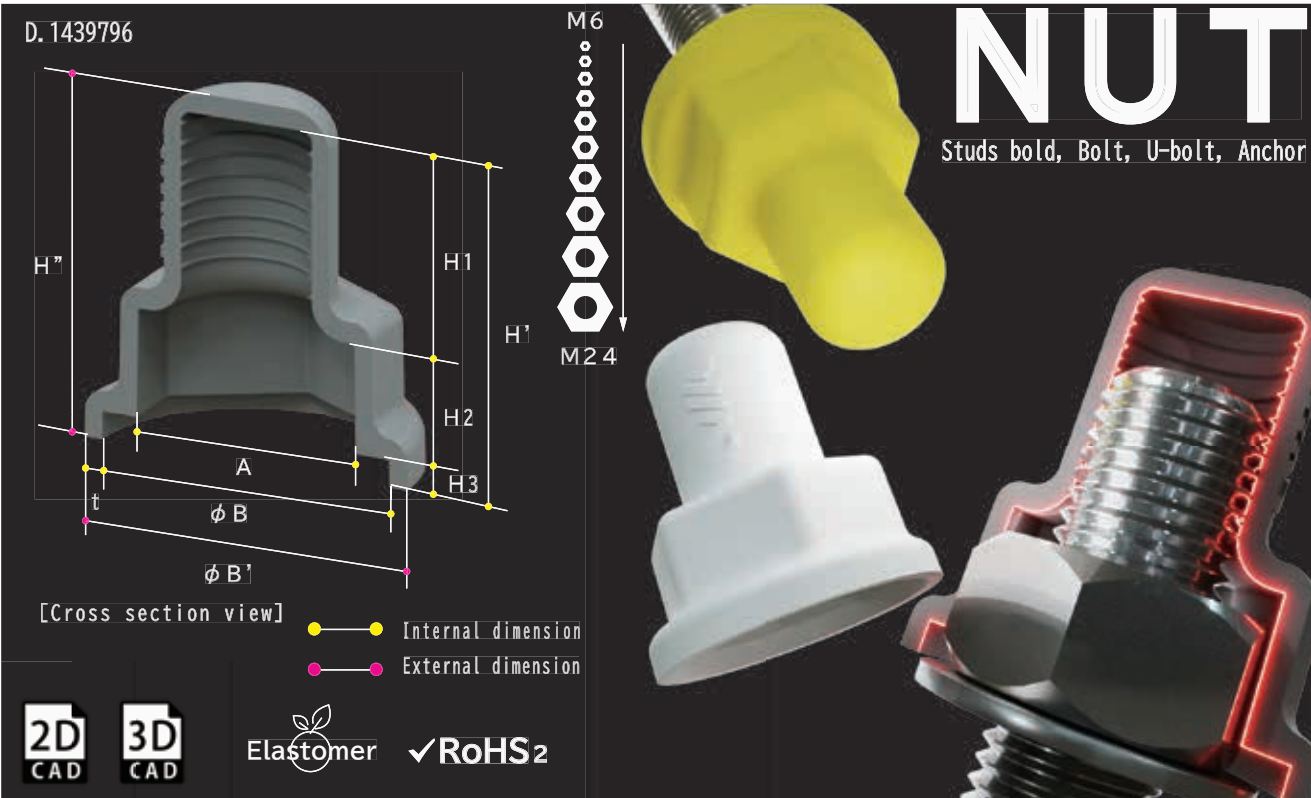
Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size								Shipping Unit Box	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	A'	H	H'	H1	H2	t			
M6	ED30204-0006	EF30204-0006	EG30204-0006	EH30204-0006	1g	10	12	20	21.2	15	21.2	1.0	3000	\$0.67	
M8	ED30204-0008	EF30204-0008	EG30204-0008	EH30204-0008	1g	13	15.6	22	23.5	15	23.5	1.3	3000	\$0.67	
M1 0	ED30204-0010	EF30204-0010	EG30204-0010	EH30204-0010	2g	17	19.6	23	24.5	15	24.5	1.3	3000	\$0.83	
M1 2	ED30204-0012	EF30204-0012	EG30204-0012	EH30204-0012	3g	19	21.6	30	32	20	32	1.3	2000	\$1.00	
M1 6	ED30204-0016	EF30204-0016	EG30204-0016	EH30204-0016	6g	24	27	38	40	25	40	1.5	1600	\$1.33	
M2 0	ED30204-0020	EF30204-0020	EG30204-0020	EH30204-0020	9g	30	34	46	48	30	48	2.0	1000	\$2.17	
M2 2	ED30204-0022	EF30204-0022	EG30204-0022	EH30204-0022	15g	32	37	58	60.5	40	60.5	2.5	500	\$3.33	
M2 4	ED30204-0024	EF30204-0024	EG30204-0024	EH30204-0024	19g	36	41	69	71.5	50	71.5	2.5	500	\$3.83	
W3/8	ED30204-0308	EF30204-0308	EG30204-0308	EH30204-0308	2g	17	19.6	23	24.5	15	24.5	1.3	3000	\$0.83	
W1/2	ED30204-0102	EF30204-0102	EG30204-0102	EH30204-0102	3g	21	23.6	30	32	20	32	1.3	2000	\$1.00	

EL CAP Series

EL Single Nut Washer Attached Cap

9309

EL Single Nut Washer Attached Cap



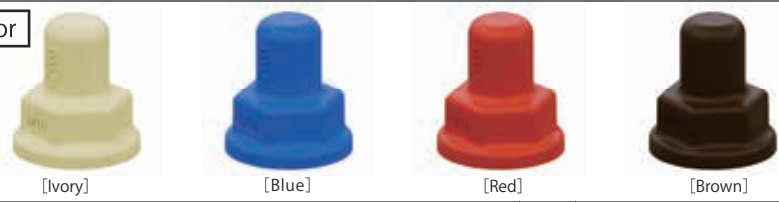
Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size										Shipping Unit Box	MSRP perPCS
						A	φB	φB'	H1	H2	H3	H'	H''	t			
M6	EA30210-0006	EB30210-0006	EC30210-0006	EE30210-0006	1g	10	13.1	15.1	15	5	2	22	23.2	1.0	3000	\$0.83	
M8	EA30210-0008	EB30210-0008	EC30210-0008	EE30210-0008	2g	13	18.1	20.7	15	7	2	24	25.5	1.3	2000	\$1.00	
M10	EA30210-0010	EB30210-0010	EC30210-0010	EE30210-0010	3g	17	22.1	24.7	15	8	2	25	26.5	1.3	2000	\$1.17	
M12	EA30210-0012	EB30210-0012	EC30210-0012	EE30210-0012	4g	19	26.1	29.1	20	10	3	33	35	1.5	2000	\$1.33	
M16	EA30210-0016	EB30210-0016	EC30210-0016	EE30210-0016	7g	24	32.1	36.1	25	13	3	41	43	2.0	2000	\$1.83	
M20	EA30210-0020	EB30210-0020	EC30210-0020	EE30210-0020	11g	30	40.1	44.1	30	16	4	50	52	2.0	1000	\$2.50	
M22	EA30210-0022	EB30210-0022	EC30210-0022	EE30210-0022	18g	32	44.1	49.1	40	18	4	62	64.5	2.5	500	\$3.67	
M24	EA30210-0024	EB30210-0024	EC30210-0024	EE30210-0024	23g	36	48.2	53.2	50	19	5	74	76.5	2.5	500	\$4.17	
W3/8	EA30210-0308	EB30210-0308	EC30210-0308	EE30210-0308	3g	17	25.1	27.7	15	8	3	26	27.5	1.3	2000	\$1.17	
W1/2	EA30210-0102	EB30210-0102	EC30210-0102	EE30210-0102	5g	21	32.1	35.1	20	10	3	33	35	1.5	2000	\$1.33	

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size										Shipping Unit Box	MSRP perPCS
						A	φB	φB'	H1	H2	H3	H'	H''	t			
M6	ED30210-0006	EF30210-0006	EG30210-0006	EH30210-0006	1g	10	13.1	15.1	15	5	2	22	23.2	1.0	3000	\$0.83	
M8	ED30210-0008	EF30210-0008	EG30210-0008	EH30210-0008	2g	13	18.1	20.7	15	7	2	24	25.5	1.3	2000	\$1.00	
M10	ED30210-0010	EF30210-0010	EG30210-0010	EH30210-0010	3g	17	22.1	24.7	15	8	2	25	26.5	1.3	2000	\$1.17	
M12	ED30210-0012	EF30210-0012	EG30210-0012	EH30210-0012	4g	19	26.1	29.1	20	10	3	33	35	1.5	2000	\$1.33	
M16	ED30210-0016	EF30210-0016	EG30210-0016	EH30210-0016	7g	24	32.1	36.1	25	13	3	41	43	2.0	2000	\$1.83	
M20	ED30210-0020	EF30210-0020	EG30210-0020	EH30210-0020	11g	30	40.1	44.1	30	16	4	50	52	2.0	1000	\$2.50	
M22	ED30210-0022	EF30210-0022	EG30210-0022	EH30210-0022	18g	32	44.1	49.1	40	18	4	62	64.5	2.5	500	\$3.67	
M24	ED30210-0024	EF30210-0024	EG30210-0024	EH30210-0024	23g	36	48.2	53.2	50	19	5	74	76.5	2.5	500	\$4.17	
W3/8	ED30210-0308	EF30210-0308	EG30210-0308	EH30210-0308	3g	17	25.1	27.7	15	8	3	26	27.5	1.3	2000	\$1.17	
W1/2	ED30210-0102	EF30210-0102	EG30210-0102	EH30210-0102	5g	21	32.1	35.1	20	10	3	33	35	1.5	2000	\$1.33	

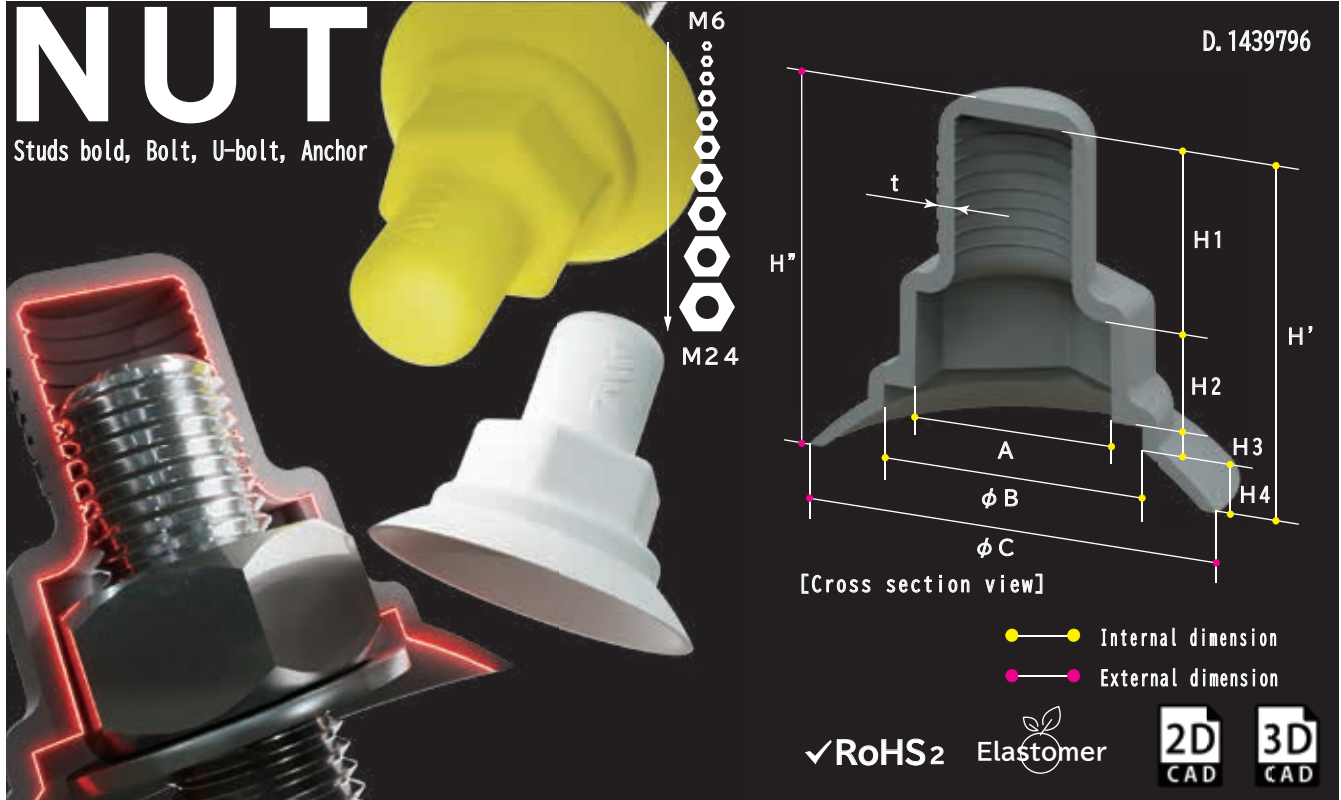
EL CAP Series

WS Type EL Single Nut Washer Attached Cap

NUT

Studs bold, Bolt, U-bolt, Anchor

D. 1439796



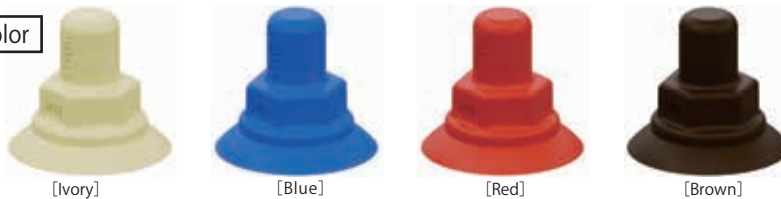
Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size										Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	φB	φC	H1	H2	H3	H3	H'	H''	t		
M6	EA30210-W006	EB30210-W006	EC30210-W006	EE30210-W006	1g	10	13.1	23.1	15	5	2	2	23.2	25	1.0	2000	\$1.17
M8	EA30210-W008	EB30210-W008	EC30210-W008	EE30210-W008	2g	13	18.1	28.7	15	7	2	2	25.5	27.5	1.3	2000	\$1.33
M10	EA30210-W010	EB30210-W010	EC30210-W010	EE30210-W010	3g	17	22.1	34.7	15	8	2	2	26.5	29	1.3	2000	\$1.50
M12	EA30210-W012	EB30210-W012	EC30210-W012	EE30210-W012	5g	19	26.1	39.1	20	10	3	3	35	37.5	1.5	1500	\$1.67
M16	EA30210-W016	EB30210-W016	EC30210-W016	EE30210-W016	9g	24	32.1	48.1	25	13	3	3	43	46	2.0	1000	\$2.33
M20	EA30210-W020	EB30210-W020	EC30210-W020	EE30210-W020	13g	30	40.1	56.1	30	16	4	4	52	55.5	2.0	1000	\$3.00
M22	EA30210-W022	EB30210-W022	EC30210-W022	EE30210-W022	20g	32	44.1	63.1	40	18	4	4	64.5	68	2.5	500	\$4.17
M24	EA30210-W024	EB30210-W024	EC30210-W024	EE30210-W024	25g	36	48.2	67.2	50	19	5	5	76.5	80	2.5	500	\$4.67
W3/8	EA30210-W0308	EB30210-W0308	EC30210-W0308	EE30210-W0308	3g	17	25.1	37.7	15	8	3	3	27.5	30	1.3	2000	\$1.50
W1/2	EA30210-W0102	EB30210-W0102	EC30210-W0102	EE30210-W0102	6g	21	32.1	45.1	20	10	3	3	35	37.5	1.5	1500	\$1.67

Custom made color



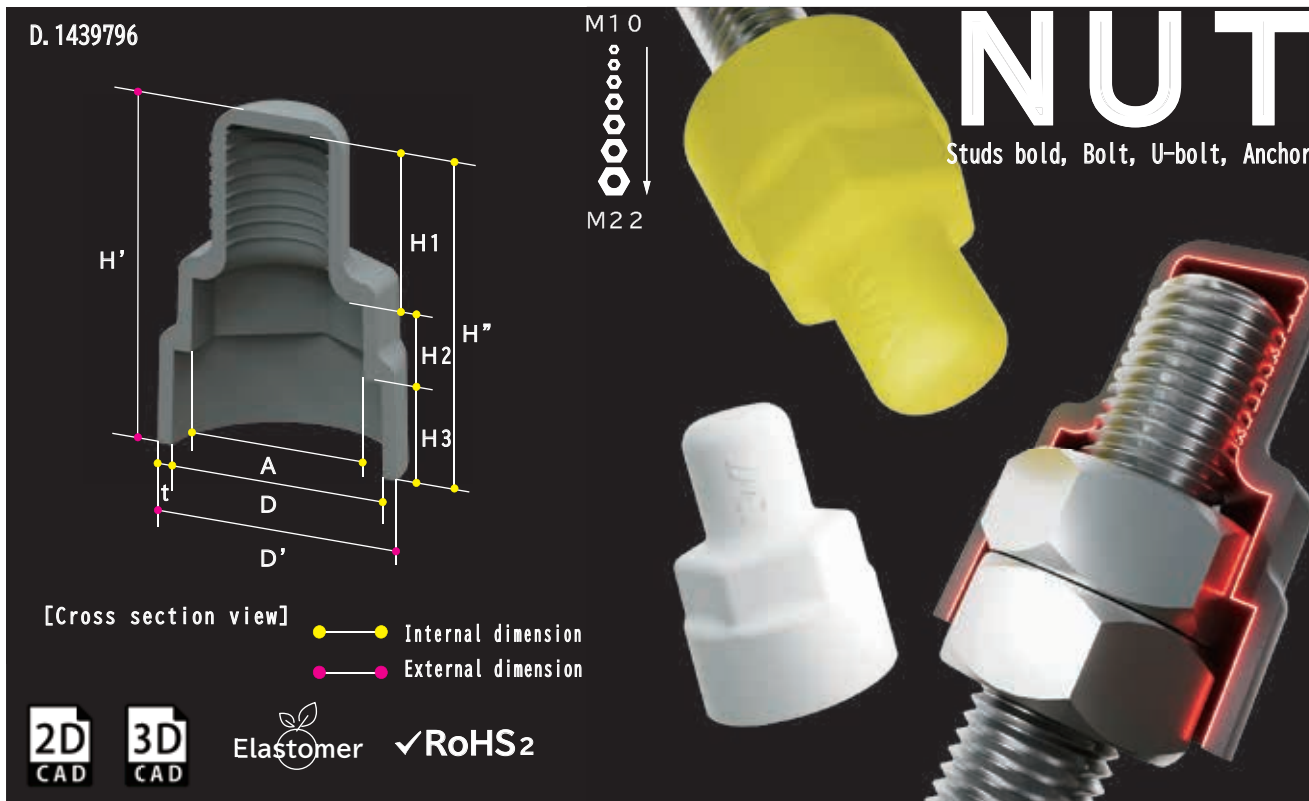
Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size										Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	φB	φC	H1	H2	H3	H3	H'	H''	t		
M6	ED30210-W006	EF30210-W006	EG30210-W006	EH30210-W006	1g	10	13.1	23.1	15	5	2	2	23.2	25	1.0	2000	\$1.17
M8	ED30210-W008	EF30210-W008	EG30210-W008	EH30210-W008	2g	13	18.1	28.7	15	7	2	2	25.5	27.5	1.3	2000	\$1.33
M10	ED30210-W010	EF30210-W010	EG30210-W010	EH30210-W010	3g	17	22.1	34.7	15	8	2	2	26.5	29	1.3	2000	\$1.50
M12	ED30210-W012	EF30210-W012	EG30210-W012	EH30210-W012	5g	19	26.1	39.1	20	10	3	3	35	37.5	1.5	1500	\$1.67
M16	ED30210-W016	EF30210-W016	EG30210-W016	EH30210-W016	9g	24	32.1	48.1	25	13	3	3	43	46	2.0	1000	\$2.33
M20	ED30210-W020	EF30210-W020	EG30210-W020	EH30210-W020	13g	30	40.1	56.1	30	16	4	4	52	55.5	2.0	1000	\$3.00
M22	ED30210-W022	EF30210-W022	EG30210-W022	EH30210-W022	20g	32	44.1	63.1	40	18	4	4	64.5	68	2.5	500	\$4.17
M24	ED30210-W024	EF30210-W024	EG30210-W024	EH30210-W024	25g	36	48.2	67.2	50	19	5	5	76.5	80	2.5	500	\$4.67
W3/8	ED30210-W0308	EF30210-W0308	EG30210-W0308	EH30210-W0308	3g	17	25.1	37.7	15	8	3	3	27.5	30	1.3	2000	\$1.50
W1/2	ED30210-W0102	EF30210-W0102	EG30210-W0102	EH30210-W0102	6g	21	32.1	45.1	20	10	3	3	35	37.5	1.5	1500	\$1.67

EL CAP Series

EL Double Nut Cap

9311



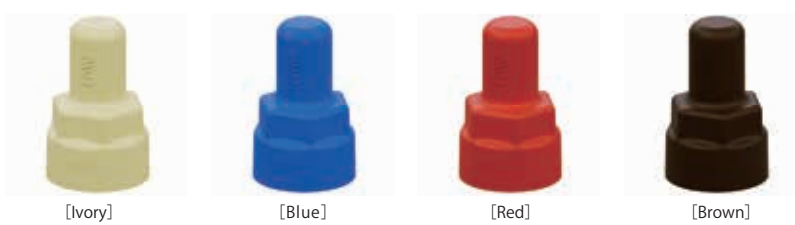
Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size									Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	D	D'	H'	H''	H1	H2	H3	t		
M1 0	EA30206-0010	EB30206-0010	EC30206-0010	EE30206-0010	3g	17	20.5	23.1	32.5	31	15	7	9	1.3	2000	\$1.50
M1 2	EA30206-0012	EB30206-0012	EC30206-0012	EE30206-0012	4g	19	23	26	42	40	20	9	11	1.5	2000	\$2.17
M1 6	EA30206-0016	EB30206-0016	EC30206-0016	EE30206-0016	9g	24	28.8	32.8	53	51	25	12	14	2.0	1000	\$2.67
M2 0	EA30206-0020	EB30206-0020	EC30206-0020	EE30206-0020	13g	30	35.9	39.9	64	62	30	15	17	2.0	1000	\$3.67
M2 2	EA30206-0022	EB30206-0022	EC30206-0022	EE30206-0022	22g	32	38.4	43.4	78.5	76	40	17	19	2.5	500	\$4.17
W3/8	EA30206-0308	EB30206-0308	EC30206-0308	EE30206-0308	3g	17	20.5	23.1	32.5	31	15	7	9	1.3	2000	\$1.50
W1/2	EA30206-0102	EB30206-0102	EC30206-0102	EE30206-0102	6g	21	25.3	28.3	42	40	20	9	11	1.5	1000	\$2.17

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size									Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		A	D	D'	H'	H''	H1	H2	H3	t		
M1 0	ED30206-0010	EF30206-0010	EG30206-0010	EH30206-0010	3g	17	20.5	23.1	32.5	31	15	7	9	1.3	2000	\$1.50
M1 2	ED30206-0012	EF30206-0012	EG30206-0012	EH30206-0012	4g	19	23	26	42	40	20	9	11	1.5	1000	\$2.17
M1 6	ED30206-0016	EF30206-0016	EG30206-0016	EH30206-0016	9g	24	28.8	32.8	53	51	25	12	14	2.0	1000	\$2.67
M2 0	ED30206-0020	EF30206-0020	EG30206-0020	EH30206-0020	13g	30	35.9	39.9	64	62	30	15	17	2.0	1000	\$3.67
M2 2	ED30206-0022	EF30206-0022	EG30206-0022	EH30206-0022	22g	32	38.4	43.4	78.5	76	40	17	19	2.5	500	\$4.17
W3/8	ED30206-0308	EF30206-0308	EG30206-0308	EH30206-0308	3g	17	20.5	23.1	32.5	31	15	7	9	1.3	1600	\$1.50
W1/2	ED30206-0102	EF30206-0102	EG30206-0102	EH30206-0102	6g	21	25.3	28.3	42	40	20	9	11	1.5	1000	\$2.17

EL CAP Series

EL Double Nut Washer Attached Cap

9312

NUT

Studs bold, Bolt, U-bolt, Anchor

D. 1439796



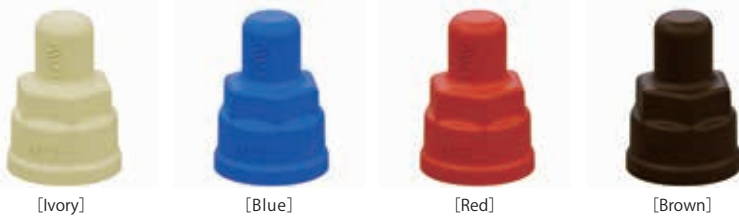
Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size										Shipping Unit	MSRP perPCS	
	Product No.	Product No.	Product No.	Product No.		A	φ B	φ C	φ C'	H'	H''	H1	H2	H3	H4			t
M1 0	EA30211-0010	EB30211-0010	EC30211-0010	EE30211-0010	3g	17	20.5	22.1	24.7	34.5	33	15	7	9	2	1.3	1000	\$2.00
M1 2	EA30211-0012	EB30211-0012	EC30211-0012	EE30211-0012	5g	19	23	26.1	29.1	45	43	20	9	11	3	1.3	1000	\$2.83
M1 6	EA30211-0016	EB30211-0016	EC30211-0016	EE30211-0016	10g	24	28.8	32.1	36.1	56	54	25	12	14	3	1.5	1000	\$3.67
M2 0	EA30211-0020	EB30211-0020	EC30211-0020	EE30211-0020	15g	30	35.9	40.1	44.1	68	66	30	15	17	4	2.0	1000	\$4.33
M2 2	EA30211-0022	EB30211-0022	EC30211-0022	EE30211-0022	24g	32	38.4	44.1	49.1	82.5	80	40	17	19	4	2.5	500	\$4.83
W3/8	EA30211-0308	EB30211-0308	EC30211-0308	EE30211-0308	3g	17	20.5	25.1	27.7	35.5	34	15	7	9	3	1.3	1000	\$2.00
W1/2	EA30211-0102	EB30211-0102	EC30211-0102	EE30211-0102	6g	21	25.3	32.1	35.1	45	43	20	9	11	3	1.3	1000	\$2.83

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

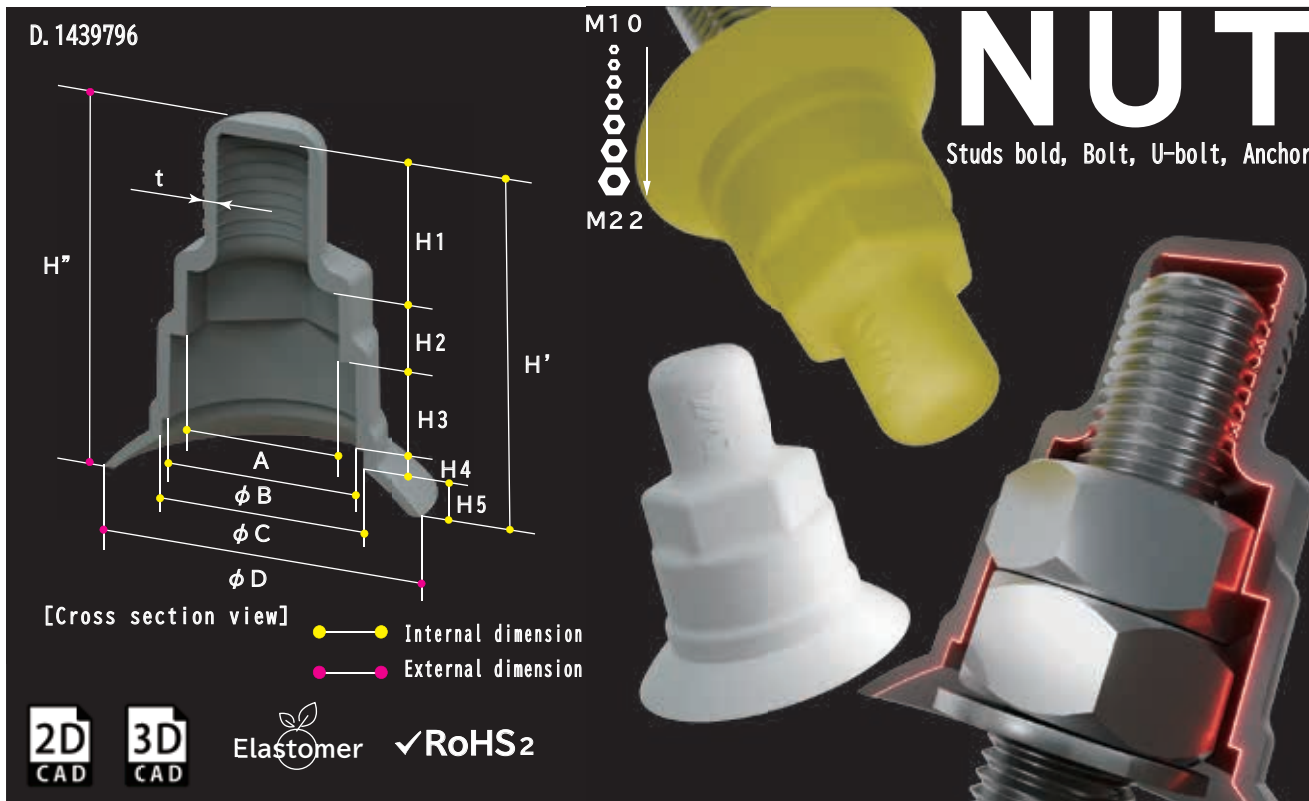
Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size										Shipping Unit	MSRP perPCS	
	Product No.	Product No.	Product No.	Product No.		A	φ B	φ C	φ C'	H'	H''	H1	H2	H3	H4			t
M1 0	ED30211-0010	EF30211-0010	EG30211-0010	EH30211-0010	3g	17	20.5	22.1	24.7	34.5	33	15	7	9	2	1.3	1000	\$2.00
M1 2	ED30211-0012	EF30211-0012	EG30211-0012	EH30211-0012	5g	19	23	26.1	29.1	45	43	20	9	11	3	1.3	1000	\$2.83
M1 6	ED30211-0016	EF30211-0016	EG30211-0016	EH30211-0016	10g	24	28.8	32.1	36.1	56	54	25	12	14	3	1.5	1000	\$3.67
M2 0	ED30211-0020	EF30211-0020	EG30211-0020	EH30211-0020	15g	30	35.9	40.1	44.1	68	66	30	15	17	4	2.0	1000	\$4.33
M2 2	ED30211-0022	EF30211-0022	EG30211-0022	EH30211-0022	24g	32	38.4	44.1	49.1	82.5	80	40	17	19	4	2.5	500	\$4.83
W3/8	ED30211-0308	EF30211-0308	EG30211-0308	EH30211-0308	3g	17	20.5	25.1	27.7	35.5	34	15	7	9	3	1.3	1000	\$2.00
W1/2	ED30211-0102	EF30211-0102	EG30211-0102	EH30211-0102	6g	21	25.3	32.1	35.1	45	43	20	9	11	3	1.3	1000	\$2.83

EL CAP Series

WS Type EL Double Nut Washer Attached Cap

9313

WS Type EL Double Nut Washer Attached Cap



2D CAD 3D CAD Elastomer ✓RoHS2

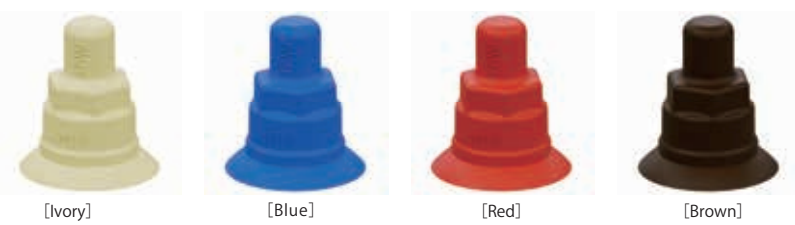
Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size											Shipping Unit Box	MSRP perPCS	
	Product No.	Product No.	Product No.	Product No.		A	φB	φC	φD	H'	H''	H1	H2	H3	H4	H5			t
M10	EA30211-W010	EB30211-W010	EC30211-W010	EE30211-W010	4g	17	20.5	22.1	34.7	37	38.5	15	7	9	2	4	1.3	1000	\$3.17
M12	EA30211-W012	EB30211-W012	EC30211-W012	EE30211-W012	6g	19	23	26.1	39.1	47.5	49.5	20	9	11	3	4.5	1.3	1000	\$3.67
M16	EA30211-W016	EB30211-W016	EC30211-W016	EE30211-W016	11g	24	28.8	32.1	48.1	59	61	25	12	14	3	5	1.5	500	\$4.50
M20	EA30211-W020	EB30211-W020	EC30211-W020	EE30211-W020	17g	30	35.9	40.1	56.1	71.5	73.5	30	15	17	4	5.5	2.0	500	\$5.17
M22	EA30211-W022	EB30211-W022	EC30211-W022	EE30211-W022	26g	32	38.4	44.1	63.1	86	88.5	40	17	19	4	6	2.5	500	\$5.67
W3/8	EA30211-W0308	EB30211-W0308	EC30211-W0308	EE30211-W0308	4g	17	20.5	25.1	37.7	38	39.5	15	7	9	3	4	1.3	1000	\$3.17
W1/2	EA30211-W0102	EB30211-W0102	EC30211-W0102	EE30211-W0102	7g	21	25.3	32.1	45.1	47.5	49.5	20	9	11	3	4.5	1.3	1000	\$3.67

Custom made color



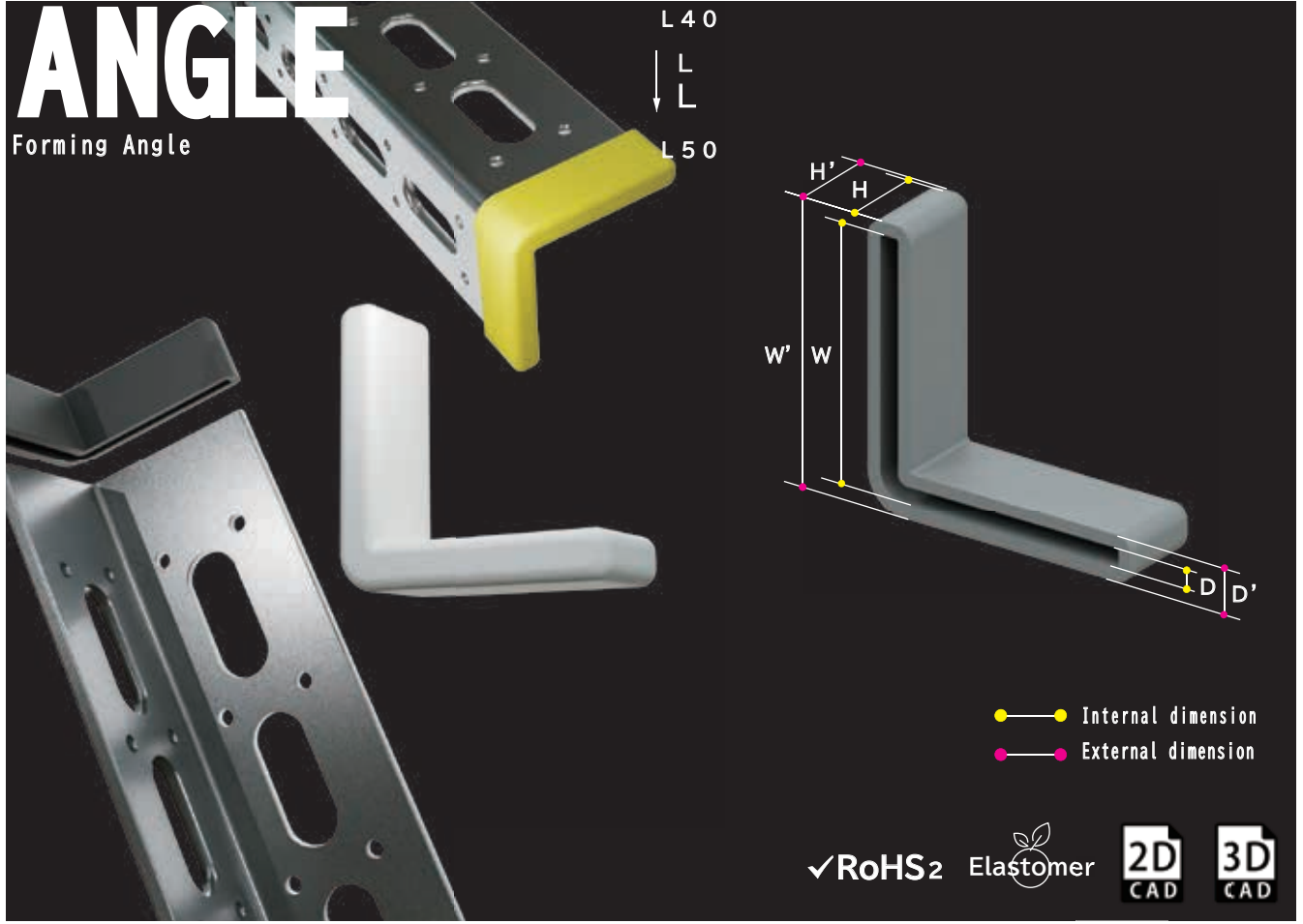
Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size											Shipping Unit Box	MSRP perPCS	
	Product No.	Product No.	Product No.	Product No.		A	φB	φC	φD	H'	H''	H1	H2	H3	H4	H5			t
M10	ED30211-W010	EF30211-W010	EG30211-W010	EH30211-W010	4g	17	20.5	22.1	34.7	37	38.5	15	7	9	2	4	1.3	1000	\$3.17
M12	ED30211-W012	EF30211-W012	EG30211-W012	EH30211-W012	6g	19	23	26.1	39.1	47.5	49.5	20	9	11	3	4.5	1.3	1000	\$3.67
M16	ED30211-W016	EF30211-W016	EG30211-W016	EH30211-W016	11g	24	28.8	32.1	48.1	59	61	25	12	14	3	5	1.5	500	\$4.50
M20	ED30211-W020	EF30211-W020	EG30211-W020	EH30211-W020	17g	30	35.9	40.1	56.1	71.5	73.5	30	15	17	4	5.5	2.0	500	\$5.17
M22	ED30211-W022	EF30211-W022	EG30211-W022	EH30211-W022	26g	32	38.4	44.1	63.1	86	88.5	40	17	19	4	6	2.5	500	\$5.67
W3/8	ED30211-W0308	EF30211-W0308	EG30211-W0308	EH30211-W0308	4g	17	20.5	25.1	37.7	38	39.5	15	7	9	3	4	1.3	1000	\$3.17
W1/2	ED30211-W0102	EF30211-W0102	EG30211-W0102	EH30211-W0102	7g	21	25.3	32.1	45.1	47.5	49.5	20	9	11	3	4.5	1.3	1000	\$3.67

EL CAP Series

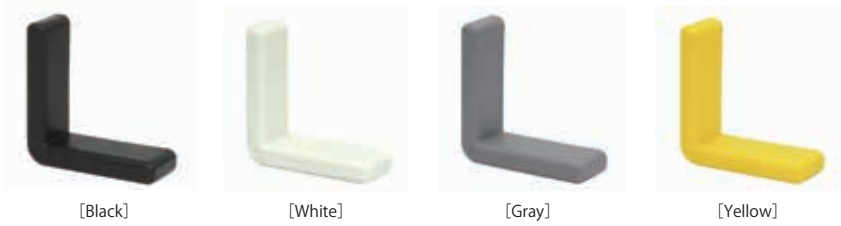
EL Perforated Angle Cap

9400



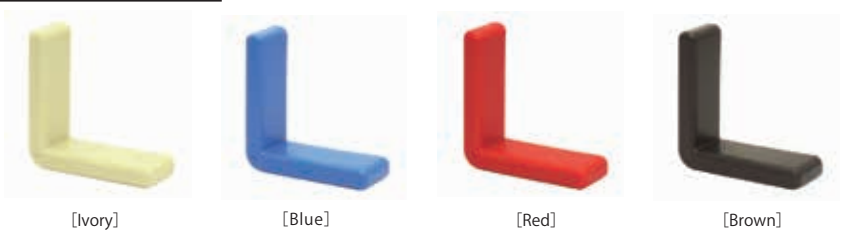
Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W x D x H (W' x D' x H')	Shipping Unit Box	MSRP perPCS
F-L 40 E	FA30201-0040	FB30201-0040	FC30201-0040	FE30201-0040	5g	40x3x13 (44x7x15)	5000	\$0.67
F-L 50 E	FA30201-0050	FB30201-0050	FC30201-0050	FE30201-0050	6g	50x4x13 (54x8x15)	5000	\$0.83

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W x D x H (W' x D' x H')	Shipping Unit Box	MSRP perPCS
F-L 40 E	FD30201-0040	FF30201-0040	FG30201-0040	FH30201-0040	5g	40x3x13 (44x7x15)	5000	\$0.67
F-L 50 E	FD30201-0050	FF30201-0050	FG30201-0050	FH30201-0050	6g	50x4x13 (54x8x15)	5000	\$0.83

EL CAP Series

EL L-Shaped Bracket Unequal Angle Cap

9401



Color Lineup

RIGHT

Recommended for outdoor use



[Black] [White] [Gray] [Yellow]

Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W x L x D x H (W' x L' x D' x H')	Shipping Unit Box	MSRP per PCS
R40x30E	EA30201-4030	EB30201-4030	EC30201-4030	EE30201-4030	4g	40x30x3x13 (44x34x7x15)	5000	\$1.50
L30x40E	EA30201-3040	EB30201-3040	EC30201-3040	EE30201-3040	4g	40x30x3x13 (44x34x7x15)	5000	\$1.50

Custom made color

LEFT



[Ivory] [Blue] [Red] [Brown]

Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W x L x D x H (W' x L' x D' x H')	Shipping Unit Box	MSRP per PCS
R40x30E	ED30201-4030	EF30201-4030	EG30201-4030	EH30201-4030	4g	40x30x3x13 (44x34x7x15)	5000	\$1.50
L30x40E	ED30201-3040	EF30201-3040	EG30201-3040	EH30201-3040	4g	40x30x3x13 (44x34x7x15)	5000	\$1.50

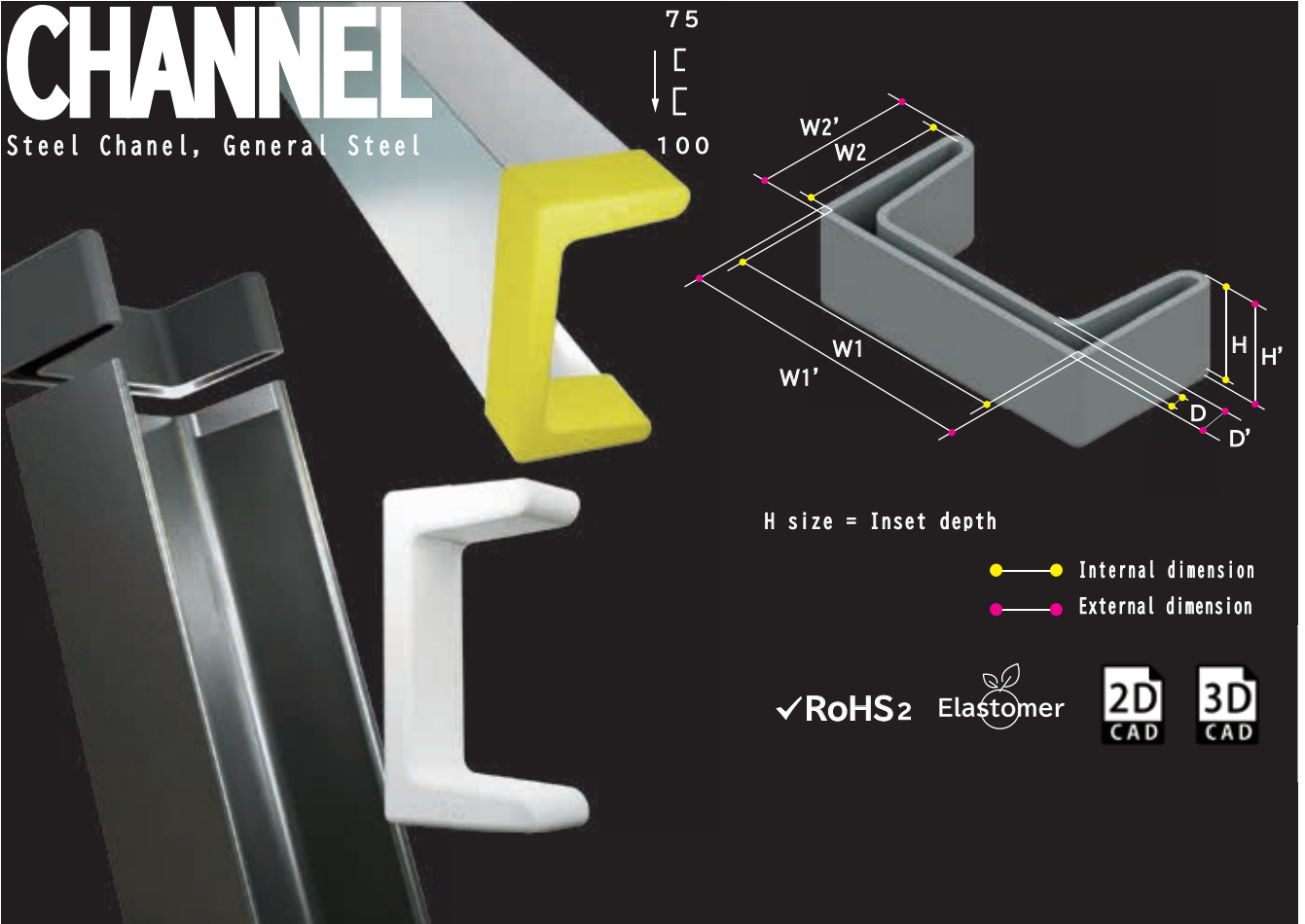
EL CAP Series

EL Channel Cap

9402

CHANNEL

Steel Channel, General Steel



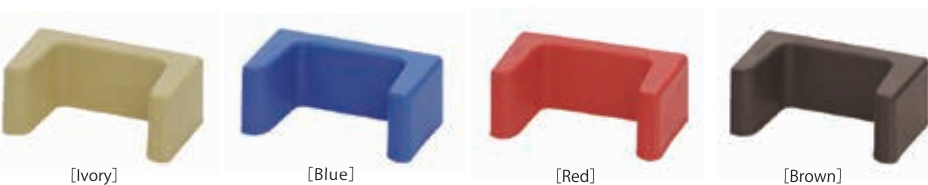
Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W1 x W2 x D x H (W1' x W2' x D' x H')	Shipping Unit Box	MSRP perPCS
70	EA30202-0075	EB30202-0075	EC30202-0075	EE30202-0075	30g	75x40x5x30 (81x46x11x33)	1000	\$3.33
100	EA30202-0100	EB30202-0100	EC30202-0100	EE30202-0100	40g	100x50x5x30 (106x56x11x33)	800	\$5.00

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W1 x W2 x D x H (W1' x W2' x D' x H')	Shipping Unit Box	MSRP perPCS
70	ED30202-0075	EF30202-0075	EG30202-0075	EH30202-0075	30g	75x40x5x30 (81x46x11x33)	1000	\$3.33
100	ED30202-0100	EF30202-0100	EG30202-0100	EH30202-0100	40g	100x50x5x30 (106x56x11x33)	800	\$5.00

EL CAP Series

EL Equal-angle Steel Cap For General Angle

9403

EL Equal-angle Steel Cap For General Angle



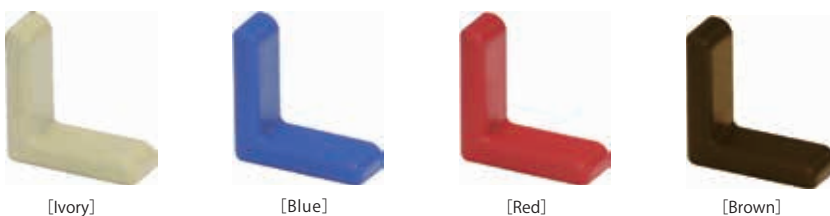
Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W x D x H (W' x D' x H')	Shipping Unit Box	MSRP perPCS
L 2 0	EA30201-0020	EB30201-0020	EC30201-0020	EE30201-0020	3g	20x3x13 (24x7x15)	5000	\$0.50
L 3 0	EA30201-0030	EB30201-0030	EC30201-0030	EE30201-0030	4g	30x3x13 (34x7x15)	3000	\$0.67
L 4 0	EA30201-0040	EB30201-0040	EC30201-0040	EE30201-0040	5g	40x5x13 (44x9x15)	3000	\$0.67
L 5 0	EA30201-0050	EB30201-0050	EC30201-0050	EE30201-0050	7g	50x6x13 (54x10x15)	3000	\$0.83
L 6 5	EA30201-0065	EB30201-0065	EC30201-0065	EE30201-0065	28g	65x6x30 (71x12x33)	800	\$2.83
L 7 5	EA30201-0075	EB30201-0075	EC30201-0075	EE30201-0075	32g	75x6x30 (81x12x33)	600	\$4.00
L 9 0	EA30201-0090	EB30201-0090	EC30201-0090	EE30201-0090	38g	90x7x30 (96x13x33)	400	\$5.17

Custom made color

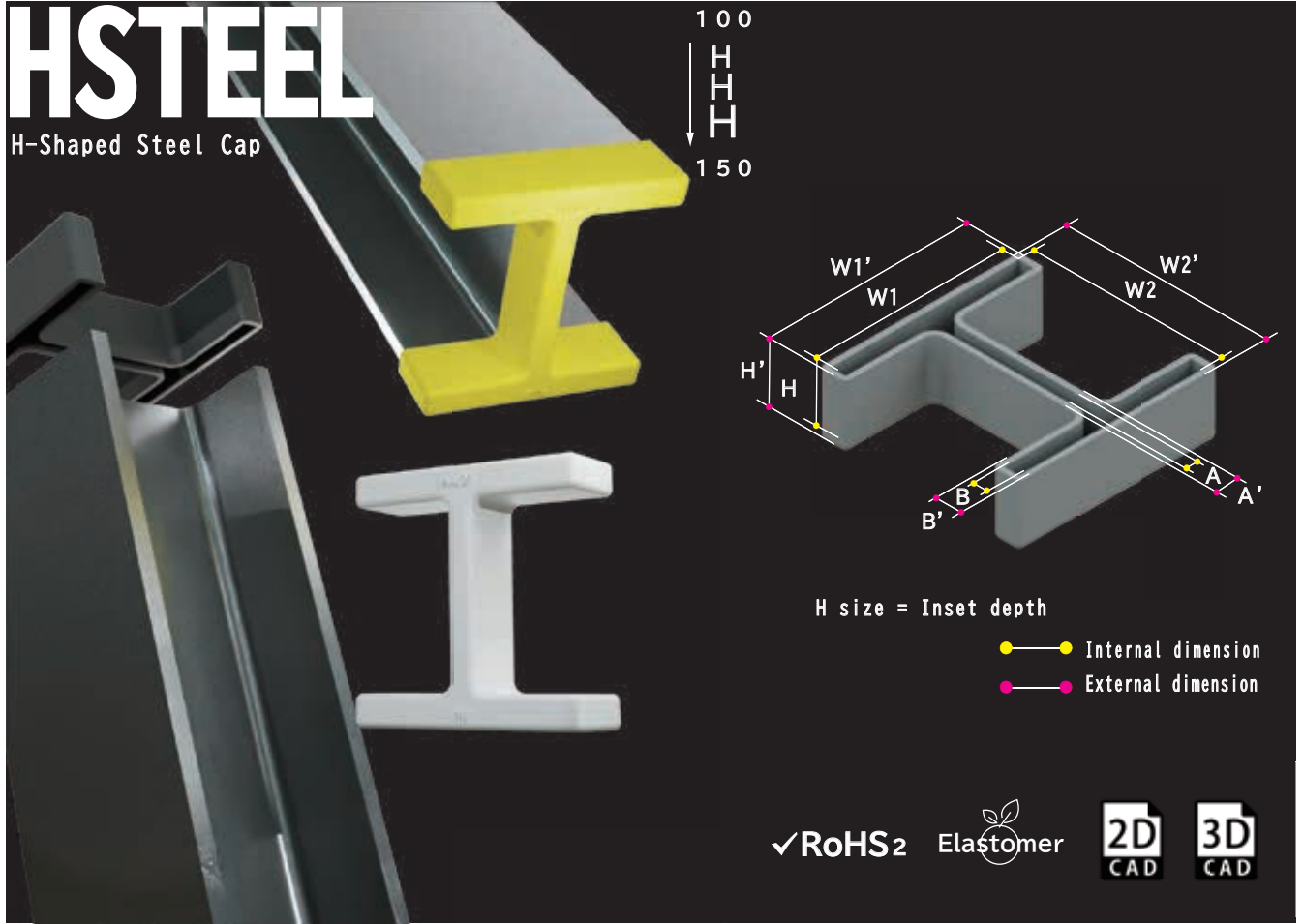


Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W x D x H (W' x D' x H')	Shipping Unit Box	MSRP perPCS
L 2 0	ED30201-0020	EF30201-0020	EG30201-0020	EH30201-0020	3g	20x3x13 (24x7x15)	5000	\$0.50
L 3 0	ED30201-0030	EF30201-0030	EG30201-0030	EH30201-0030	4g	30x3x13 (34x7x15)	3000	\$0.67
L 4 0	ED30201-0040	EF30201-0040	EG30201-0040	EH30201-0040	5g	40x5x13 (44x9x15)	3000	\$0.67
L 5 0	ED30201-0050	EF30201-0050	EG30201-0050	EH30201-0050	7g	50x6x13 (54x10x15)	3000	\$0.83
L 6 5	ED30201-0065	EF30201-0065	EG30201-0065	EH30201-0065	28g	65x6x30 (71x12x33)	800	\$2.83
L 7 5	ED30201-0075	EF30201-0075	EG30201-0075	EH30201-0075	32g	75x6x30 (81x12x33)	600	\$4.00
L 9 0	ED30201-0090	EF30201-0090	EG30201-0090	EH30201-0090	38g	90x7x30 (96x13x33)	400	\$5.17

HSTEEL

H-Shaped Steel Cap



H size = Inset depth

- Internal dimension
- External dimension



Color Lineup

Recommended for outdoor use



[Black] [White] [Gray] [Yellow]

Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size		Shipping Unit	MSRP per PCS
	Product No.	Product No.	Product No.	Product No.		W1 x W2 x A x B x H	(W1' x W2' x A' x B' x H')		
H100	EA30215-0100	EB30215-0100	EC30215-0100	EE30215-0100	31g	100x100x6x8x30	(106x106x12x14x33)	300	\$6.83
H125	EA30215-0125	EB30215-0125	EC30215-0125	EE30215-0125	83g	125x125x6.5x9x30	(131x131x12.5x15x33)	300	\$7.50
H150	EA30215-0150	EB30215-0150	EC30215-0150	EE30215-0150	97g	150x150x7x10x30	(156x156x13x16x33)	200	\$8.17

Custom made color



[Ivory] [Blue] [Red] [Brown]

Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

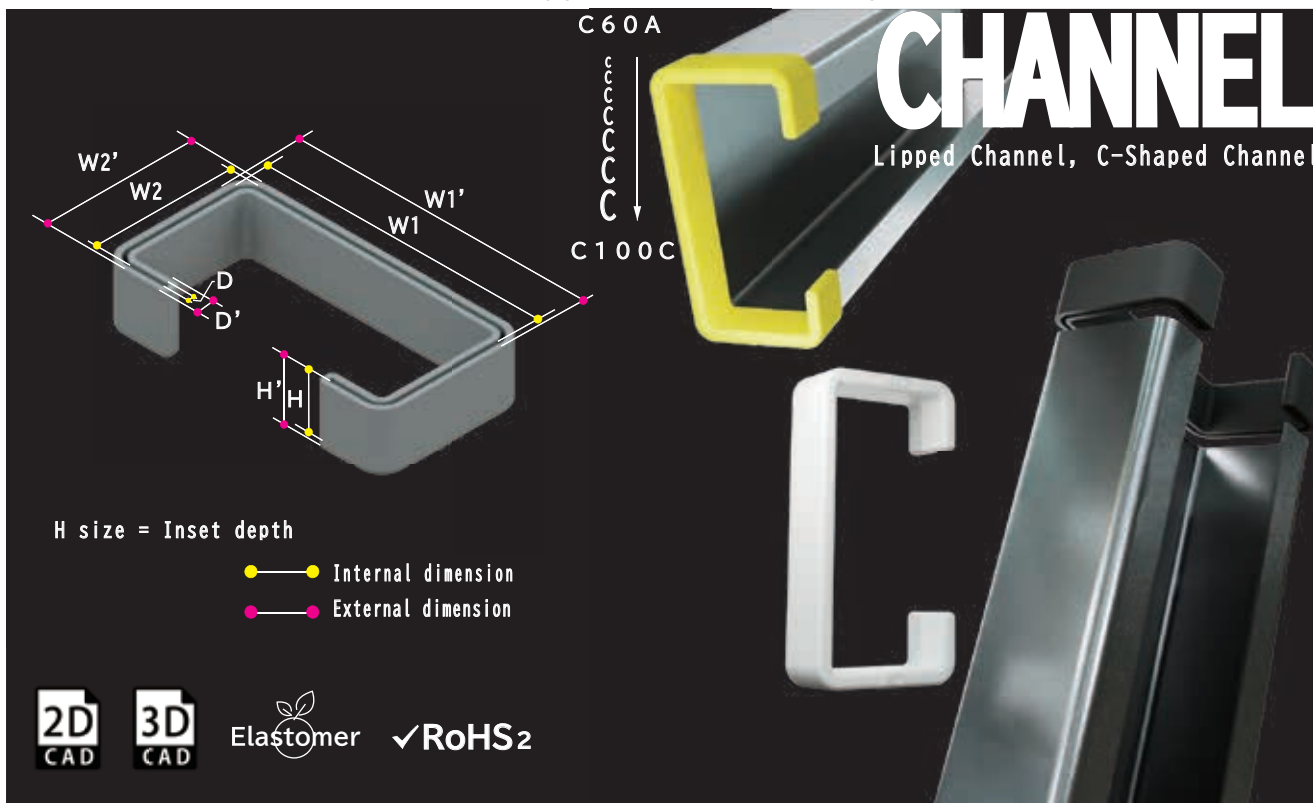
Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size		Shipping Unit	MSRP per PCS
	Product No.	Product No.	Product No.	Product No.		W1 x W2 x A x B x H	(W1' x W2' x A' x B' x H')		
H100	ED30215-0100	EF30215-0100	EG30215-0100	EH30215-0100	31g	100x100x6x8x30	(106x106x12x14x33)	300	\$6.83
H125	ED30215-0125	EF30215-0125	EG30215-0125	EH30215-0125	83g	125x125x6.5x9x30	(131x131x12.5x15x33)	300	\$7.50
H150	ED30215-0150	EF30215-0150	EG30215-0150	EH30215-0150	97g	150x150x7x10x30	(156x156x13x16x33)	200	\$8.17

EL CAP Series

EL Lipped Channel Steel Cap

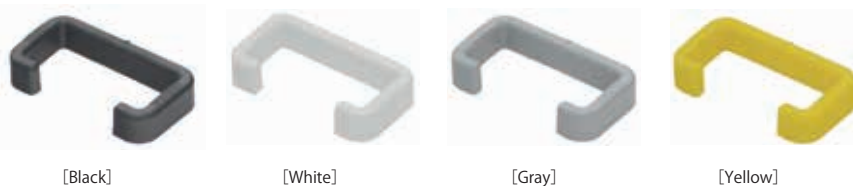
9405

EL Lipped Channel Steel Cap



Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W1 x W2 x D x H (W1' x W2' x D' x H')	Shipping Unit Box	MSRP perPCS
C60A	EA30224-C60A	EB30224-C60A	EC30224-C60A	EE30224-C60A	7g	60x30x1.6x10 (64x34x5.6x12)	800	\$2.67
C60B	EA30224-C60B	EB30224-C60B	EC30224-C60B	EE30224-C60B	7g	60x30x2.3x10 (64x34x6.3x12)	800	\$2.67
C75A	EA30224-C75A	EB30224-C75A	EC30224-C75A	EE30224-C75A	14g	75x45x1.6x15 (79x49x5.6x17)	800	\$3.00
C75B	EA30224-C75B	EB30224-C75B	EC30224-C75B	EE30224-C75B	14g	75x45x2.3x15 (79x49x6.3x17)	800	\$3.00
C100A	EA30224-100A	EB30224-100A	EC30224-100A	EE30224-100A	22g	100x50x1.6x20 (104x54x5.6x22)	600	\$3.50
C100B	EA30224-100B	EB30224-100B	EC30224-100B	EE30224-100B	23g	100x50x2.3x20 (104x54x6.3x22)	600	\$3.50
C100C	EA30224-100C	EB30224-100C	EC30224-100C	EE30224-100C	33g	100x50x3.2x20 (104x54x9.2x22)	600	\$3.50

Custom made color



Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W1 x W2 x D x H (W1' x W2' x D' x H')	Shipping Unit Box	MSRP perPCS
C60A	ED30224-C60A	EF30224-C60A	EG30224-C60A	EH30224-C60A	7g	60x30x1.6x10 (64x34x5.6x12)	800	\$2.67
C60B	ED30224-C60B	EF30224-C60B	EG30224-C60B	EH30224-C60B	7g	60x30x2.3x10 (64x34x6.3x12)	800	\$2.67
C75A	ED30224-C75A	EF30224-C75A	EG30224-C75A	EH30224-C75A	14g	75x45x1.6x15 (79x49x5.6x17)	800	\$3.00
C75B	ED30224-C75B	EF30224-C75B	EG30224-C75B	EH30224-C75B	14g	75x45x2.3x15 (79x49x6.3x17)	800	\$3.00
C100A	ED30224-100A	EF30224-100A	EG30224-100A	EH30224-100A	22g	100x50x1.6x20 (104x54x5.6x22)	600	\$3.50
C100B	ED30224-100B	EF30224-100B	EG30224-100B	EH30224-100B	23g	100x50x2.3x20 (104x54x6.3x22)	600	\$3.50
C100C	ED30224-100C	EF30224-100C	EG30224-100C	EH30224-100C	33g	100x50x3.2x20 (104x54x9.2x22)	600	\$3.50

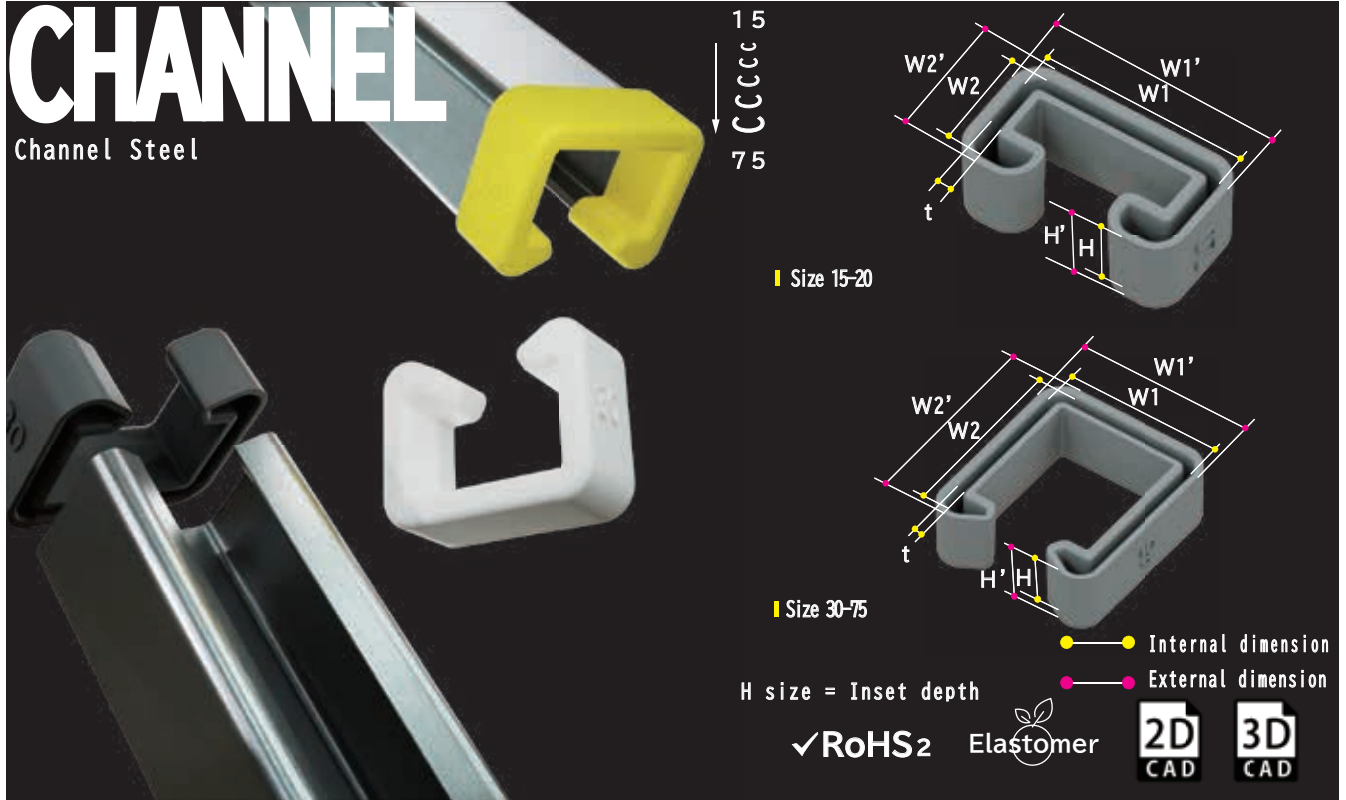
EL CAP Series

EL Ducter[®] Rail Cap

9416

CHANNEL

Channel Steel



Size 15-20

Size 30-75

H size = Inset depth

✓RoHS2

Elastomer

2D CAD 3D CAD

Ducter is trademarked by Negros Denko.

[Manufacturers]

Manufacturer	Product name
Kanafuji	High Ducter
NEGUROSU DENKO	Ducter Channel
MARUI	Channel Rail
MINAMI ELECTRIC	Duct hanger
Panasonic Electric Works	E hanger
YASHIMA DENKO	Rail ace type D

Color Lineup

Recommended for outdoor use



[Black]

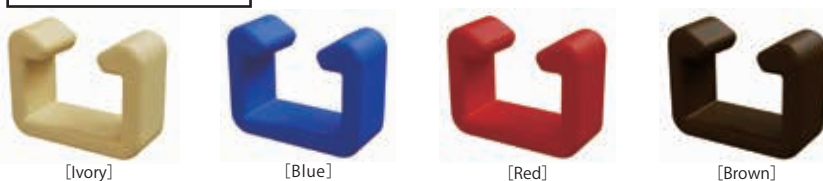
[White]

[Gray]

[Yellow]

Size	Color				Weight	Size W1 x W2 x H x t (W1' x W2' x H')	Shipping Unit Box	MSRP perPCS
	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.				
15	EA30205-0015	EB30205-0015	EC30205-0015	EE30205-0015	5g	40x15x15x1.6 (44x19x17)	2400	\$0.58
20	EA30205-0020	EB30205-0020	EC30205-0020	EE30205-0020	6g	40x20x15x1.6 (44x24x17)	2400	\$0.67
30	EA30205-0030	EB30205-0030	EC30205-0030	EE30205-0030	7g	40x30x15x2.0 (44x34x17)	2400	\$0.67
45	EA30205-0045	EB30205-0045	EC30205-0045	EE30205-0045	9g	40x45x15x2.0 (44x49x17)	2400	\$0.83
75	EA30205-0075	EB30205-0075	EC30205-0075	EE30205-0075	13g	40x75x15x2.0 (44x79x17)	2000	\$1.25

Custom made color



[Ivory]

[Blue]

[Red]

[Brown]

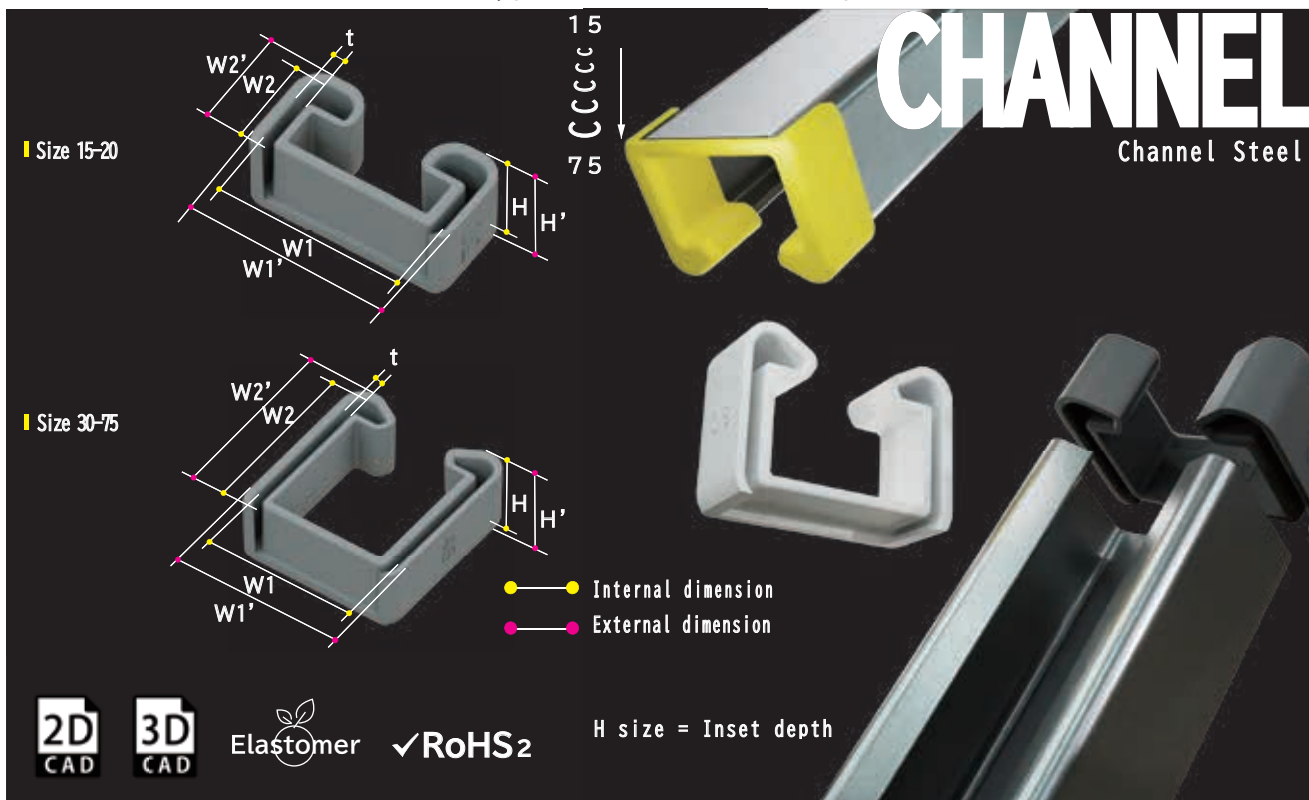
Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	Color				Weight	Size W1 x W2 x H x t (W1' x W2' x H')	Shipping Unit Box	MSRP perPCS
	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.				
15	EA30205-0015	EB30205-0015	EC30205-0015	EE30205-0015	5g	40x15x15x1.6 (44x19x17)	2400	\$0.58
20	EA30205-0020	EB30205-0020	EC30205-0020	EE30205-0020	6g	40x20x15x1.6 (44x24x17)	2400	\$0.67
30	EA30205-0030	EB30205-0030	EC30205-0030	EE30205-0030	7g	40x30x15x2.0 (44x34x17)	2400	\$0.67
45	EA30205-0045	EB30205-0045	EC30205-0045	EE30205-0045	9g	40x45x15x2.0 (44x49x17)	2400	\$0.83
75	EA30205-0075	EB30205-0075	EC30205-0075	EE30205-0075	13g	40x75x15x2.0 (44x79x17)	2000	\$1.25

EL CAP Series

Type BC EL Ducter Rail Cap

9417



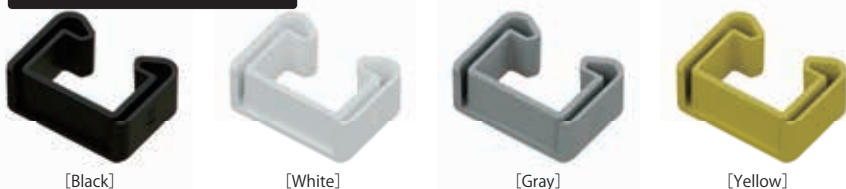
[Manufacturers]

Ducter is trademarked by Negros Denko.

Manufacturer	Product name
Kanafuji	High Ducter
NEGUROSU DENKO	Ducter Channel
MARUI	Channel Rail
MINAMI ELECTRIC	Duct hanger
Panasonic Electric Works	E hanger
YASHIMA DENKO	Rail ace type D

Color Lineup

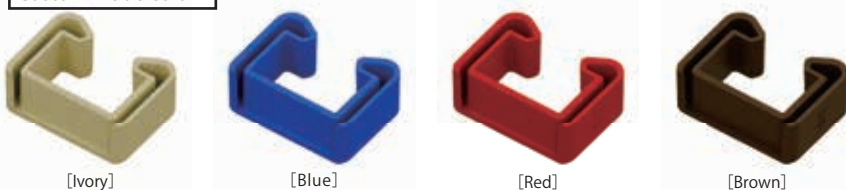
Recommended for outdoor use



The EL BC Type Duct Rail Cap is a post-installation type product without a back part. Please note that it is different from EL Ducter Rail Cap.

Size	Color				Weight	Size W1 x W2 x H x t (W1' x W2' x H')	Shipping Unit Box	MSRP perPCS
	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.				
15	EA30205-B015	EB30205-B015	EC30205-B015	EE30205-B015	g	40x15x15x1.6 (44x19x17)	2400	\$0.58
20	EA30205-B020	EB30205-B020	EC30205-B020	EE30205-B020	g	40x20x15x1.6 (44x24x17)	2400	\$0.67
30	EA30205-B030	EB30205-B030	EC30205-B030	EE30205-B030	g	40x30x15x2.0 (44x34x17)	2400	\$0.67
45	EA30205-B045	EB30205-B045	EC30205-B045	EE30205-B045	g	40x45x15x2.0 (44x49x17)	2400	\$0.83
75	EA30205-B075	EB30205-B075	EC30205-B075	EE30205-B075	g	40x75x15x2.0 (44x79x17)	2000	\$1.25

Custom made color



Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	Color				Weight	Size W1 x W2 x H x t (W1' x W2' x H')	Shipping Unit Box	MSRP perPCS
	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.				
15	EA30205-0015	EB30205-0015	EC30205-0015	EE30205-0015	g	40x15x15x1.6 (44x19x17)	2400	\$0.75
20	EA30205-0020	EB30205-0020	EC30205-0020	EE30205-0020	g	40x20x15x1.6 (44x24x17)	2400	\$0.79
30	EA30205-0030	EB30205-0030	EC30205-0030	EE30205-0030	g	40x30x15x2.0 (44x34x17)	2400	\$0.67
45	EA30205-0045	EB30205-0045	EC30205-0045	EE30205-0045	g	40x45x15x2.0 (44x49x17)	2400	\$1.00
75	EA30205-0075	EB30205-0075	EC30205-0075	EE30205-0075	g	40x75x15x2.0 (44x79x17)	2000	\$1.42

EL CAP Series HSTEEL

EL H-Shaped Steel Under Cap

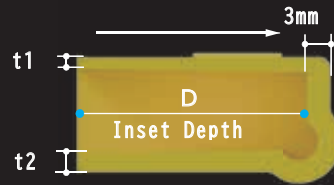
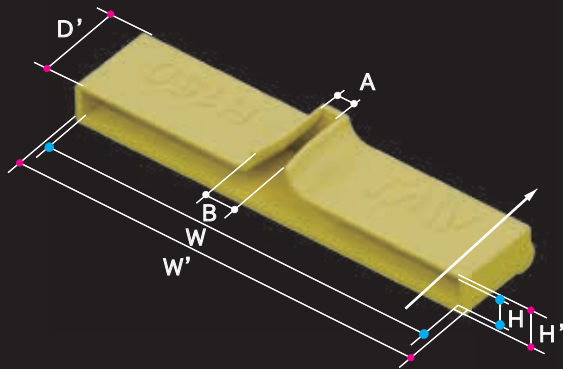
9407

H-Shaped Steel Cap

100
H
H
H
H
200



✓RoHS2



[Cross section]

- Internal dimension
- External dimension
- Others

D. 1658681

Color Lineup



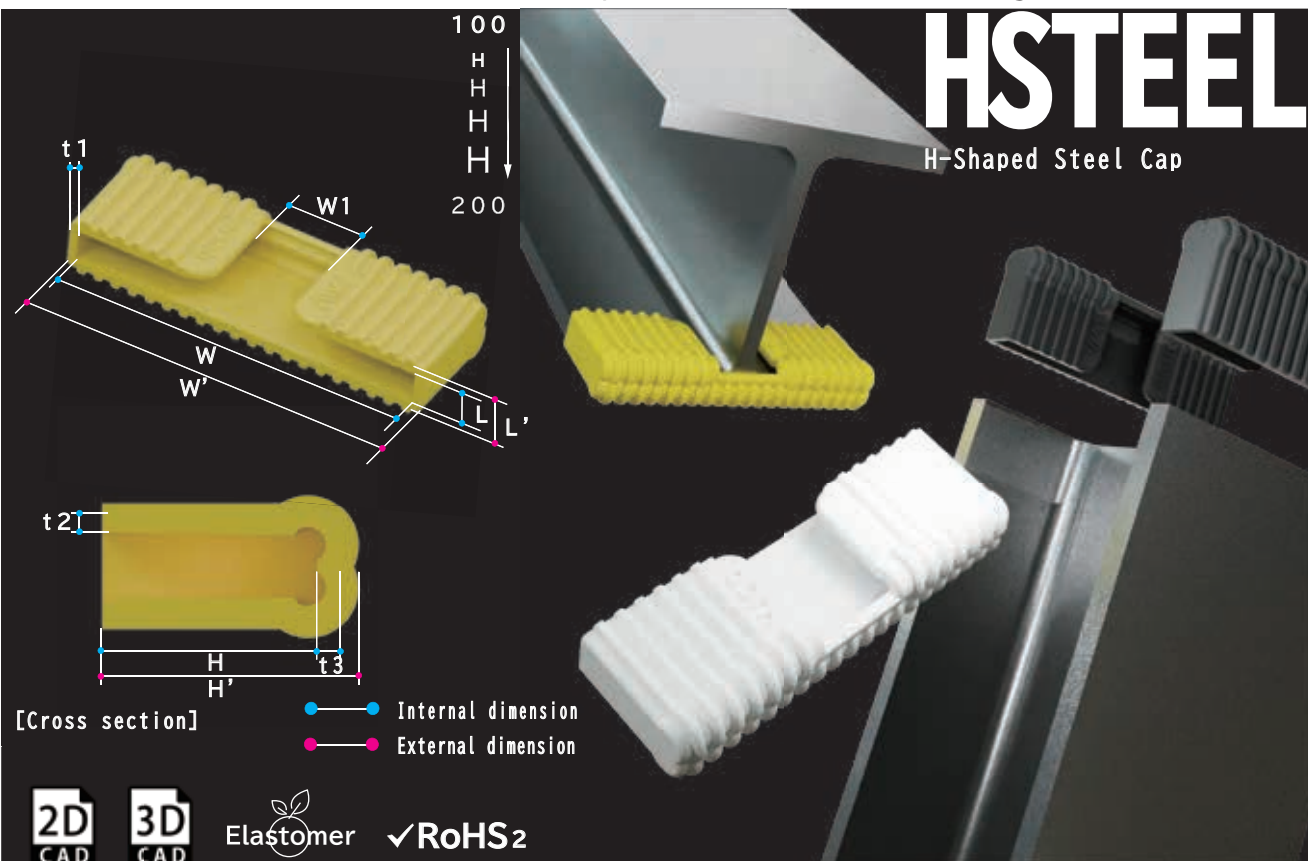
[Yellow]

Size	[Yellow] Product No.	Weight	Size				Shipping Unit	MSRP perPCS		
			W x H x D (W' x H' x D')		A	B			t1	t2
H100	EE30500-0100	20g	100x8x30	(106x14.5x34.5)	6	10.5	2	3	300	\$2.92
H125	EE30500-0125	24g	125x9x30	(131x15.5x34.5)	6.5	11	2	3	300	\$3.33
H150	EE30500-0150	29g	150x10x30	(156x16.5x34.5)	7	7	2	3	300	\$3.75
H200	EE30500-0200	47g	200x12x30	(207x19.5x34.5)	8	8	2.5	3.5	300	\$4.58

EL CAP Series

EL H-Shaped Steel Under Cover for Segment

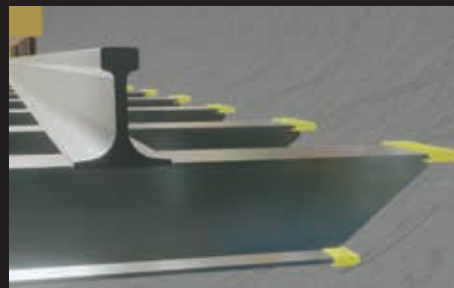
9412



[Cross section]

Stable shape

It shaped of a curve in order to be used for both at the top and bottom of H-shaped steel. The curves prevent to shift and remove the cover, and damage to the cover. The thickness has been increased to 4.8 mm to be tougher.

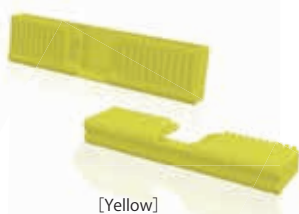


Protection from scratch on segment

It protects from scratch on segment by attached both side of the top and bottom of the H-steel.

D. 1658681

Color Lineup



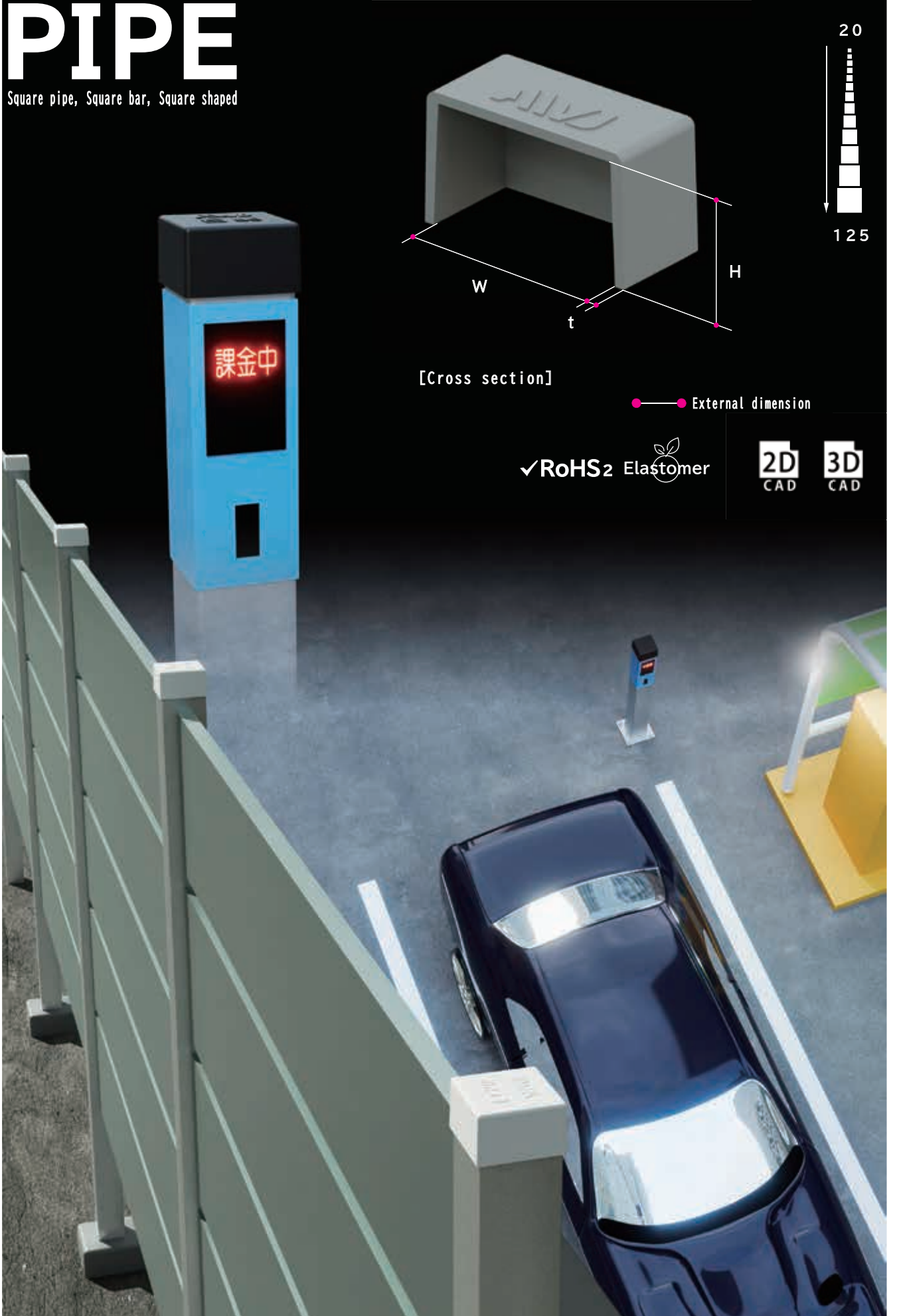
[Yellow]

Size	[Yellow] Product No.	Weight	Size										Shipping Unit Box	MSRP perPCS
			W	L	H	W'	L'	H'	t1	t2	t3	W1		
H100	EE30500-2100	22g	100	9.5	30	106	16.9	34.2	3	2.5	3.3	23	600	\$3.75
H125	EE30500-2125	28g	125	10.5	30	131	17.9	34.2	3	2.5	3	24	400	\$4.42
H150	EE30500-2150	34g	150	11.5	30	156	18.9	34.2	3	2.5	3	25	400	\$5.00
H200	EE30500-2200	54g	200	14	30	207	23.6	35.3	3.5	3	3	38	400	\$5.83

PIPE

Square pipe, Square bar, Square shaped

EL Outer Cap for Square Pipe



[Cross section]

External dimension

✓RoHS2 Elastomer

2D CAD

3D CAD

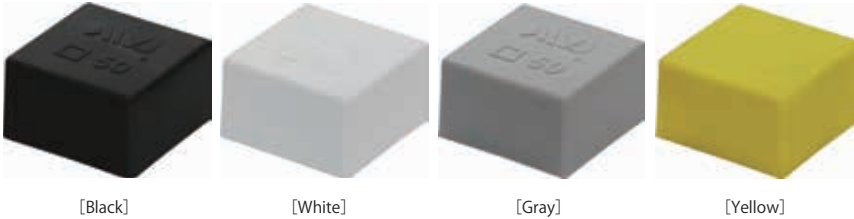
EL CAP Series

EL Outer Cap for Square Pipe

9406

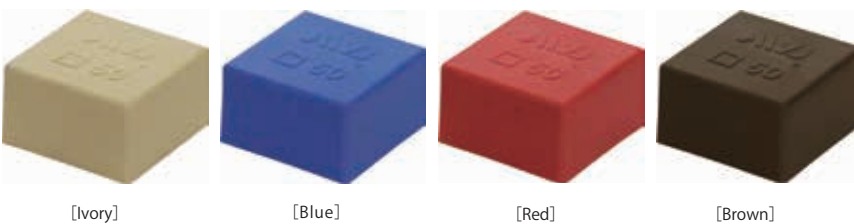
Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W x H x t	Shipping Unit Box	MSRP perPCS
2 0	EOA30216-0020	EOB30216-0020	EOC30216-0020	EOE30216-0020	5g	□ 20 x 15 x 2	1000	\$1.00
2 5	EOA30216-0025	EOB30216-0025	EOC30216-0025	EOE30216-0025	8g	□ 25 x 20 x 2	1000	\$1.17
3 0	EOA30216-0030	EOB30216-0030	EOC30216-0030	EOE30216-0030	9g	□ 30 x 20 x 2	1000	\$1.50
3 5	EOA30216-0035	EOB30216-0035	EOC30216-0035	EOE30216-0035	10g	□ 35 x 20 x 2	1000	\$2.17
4 0	EOA30216-0040	EOB30216-0040	EOC30216-0040	EOE30216-0040	18g	□ 40 x 25 x 2.5	800	\$2.67
4 5	EOA30216-0045	EOB30216-0045	EOC30216-0045	EOE30216-0045	20g	□ 45 x 25 x 2.5	600	\$3.17
5 0	EOA30216-0050	EOB30216-0050	EOC30216-0050	EOE30216-0050	25g	□ 50 x 30 x 2.5	500	\$3.50
6 0	EOA30216-0060	EOB30216-0060	EOC30216-0060	EOE30216-0060	36g	□ 60 x 40 x 2.5	400	\$5.33
7 5	EOA30216-0075	EOB30216-0075	EOC30216-0075	EOE30216-0075	65g	□ 75 x 50 x 3	300	\$6.50
8 0	EOA30216-0080	EOB30216-0080	EOC30216-0080	EOE30216-0080	80g	□ 80 x 60 x 3	300	\$7.00
9 0	EOA30216-0090	EOB30216-0090	EOC30216-0090	EOE30216-0090	95g	□ 90 x 60 x 3	300	\$7.33
1 0 0	EOA30216-0100	EOB30216-0100	EOC30216-0100	EOE30216-0100	103g	□ 100 x 60 x 3	240	\$7.50
1 2 5	EOA30216-0125	EOB30216-0125	EOC30216-0125	EOE30216-0125	164g	□ 125 x 70 x 3	180	\$9.50

Custom made color



Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W x H x t	Shipping Unit Box	MSRP perPCS
2 0	EOD30216-0020	EOF30216-0020	EOG30216-0020	EOH30216-0020	5g	□ 20 x 15 x 2	1000	\$1.00
2 5	EOD30216-0025	EOF30216-0025	EOG30216-0025	EOH30216-0025	8g	□ 25 x 20 x 2	1000	\$1.17
3 0	EOD30216-0030	EOF30216-0030	EOG30216-0030	EOH30216-0030	9g	□ 30 x 20 x 2	1000	\$1.50
3 5	EOD30216-0035	EOF30216-0035	EOG30216-0035	EOH30216-0035	10g	□ 35 x 20 x 2	1000	\$2.17
4 0	EOD30216-0040	EOF30216-0040	EOG30216-0040	EOH30216-0040	18g	□ 40 x 25 x 2.5	800	\$2.67
4 5	EOD30216-0045	EOF30216-0045	EOG30216-0045	EOH30216-0045	20g	□ 45 x 25 x 2.5	600	\$3.17
5 0	EOD30216-0050	EOF30216-0050	EOG30216-0050	EOH30216-0050	25g	□ 50 x 30 x 2.5	500	\$3.50
6 0	EOD30216-0060	EOF30216-0060	EOG30216-0060	EOH30216-0060	36g	□ 60 x 40 x 2.5	400	\$5.33
7 5	EOD30216-0075	EOF30216-0075	EOG30216-0075	EOH30216-0075	65g	□ 75 x 50 x 3	300	\$6.50
8 0	EOD30216-0080	EOF30216-0080	EOG30216-0080	EOH30216-0080	80g	□ 80 x 60 x 3	300	\$7.00
9 0	EOD30216-0090	EOF30216-0090	EOG30216-0090	EOH30216-0090	95g	□ 90 x 60 x 3	300	\$7.33
1 0 0	EOD30216-0100	EOF30216-0100	EOG30216-0100	EOH30216-0100	103g	□ 100 x 60 x 3	240	\$7.50
1 2 5	EOD30216-0125	EOF30216-0125	EOG30216-0125	EOH30216-0125	164g	□ 125 x 70 x 3	180	\$9.50

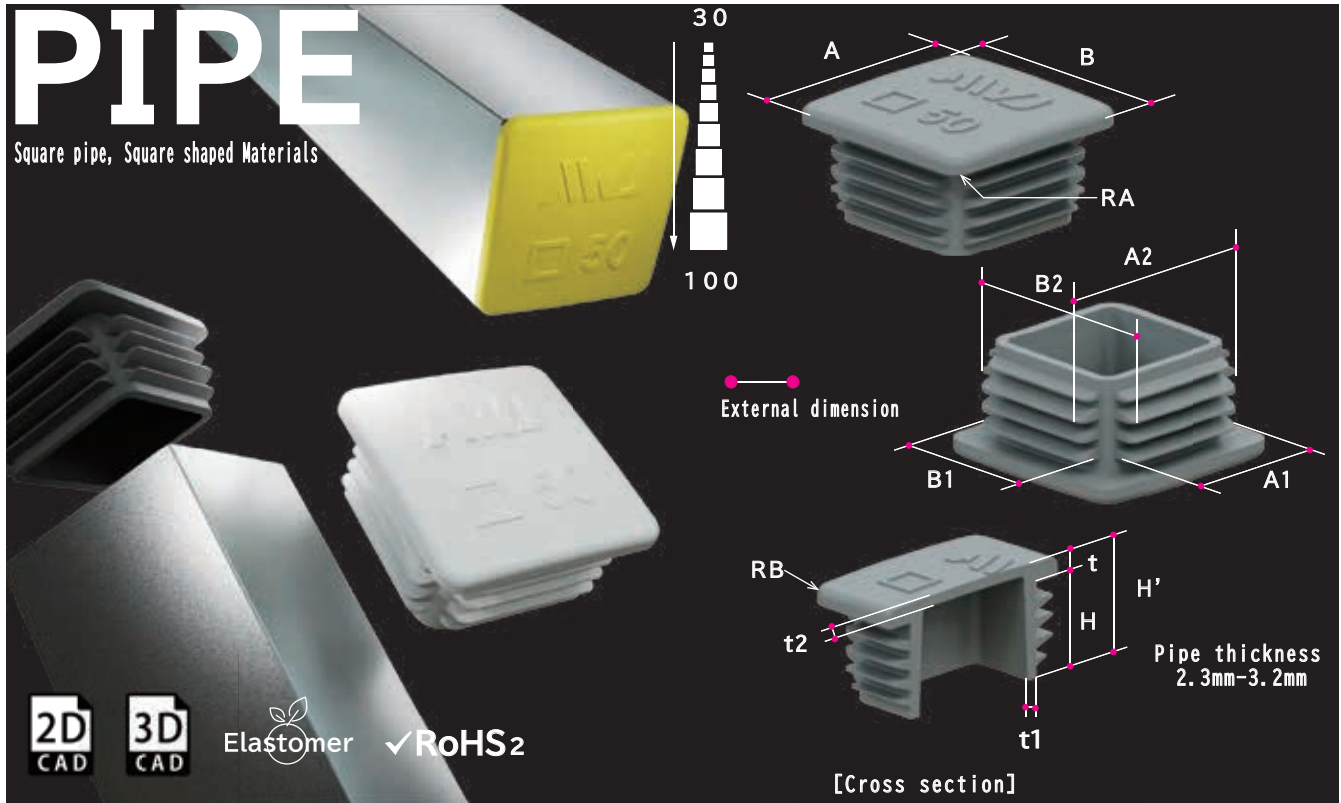
EL CAP Series

EL Inner Cap for Square Pipe

9410

PIPE

Square pipe, Square shaped Materials



Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size												Shipping Unit Box	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		□AB	RA	RB	t	H	H'	t1	t2	A1	□A2 B2	B1			
30	EIA30216-0030	EIB30216-0030	EIC30216-0030	EIE30216-0030	7g	30	3	2	4	22	26	2	25	14	27.4	14	1600	\$1.50	
40	EIA30216-0040	EIB30216-0040	EIC30216-0040	EIE30216-0040	13g	40	3	2	5	22	27	2.5	25	23	37.4	23	800	\$2.67	
45	EIA30216-0045	EIB30216-0045	EIC30216-0045	EIE30216-0045	16g	45	3	2	5	22	27	2.5	25	27	42.4	27	600	\$3.17	
50	EIA30216-0050	EIB30216-0050	EIC30216-0050	EIE30216-0050	19g	50	4.5	2	5	22	27	2.5	25	32	47.4	32	600	\$3.50	
60	EIA30216-0060	EIB30216-0060	EIC30216-0060	EIE30216-0060	25g	60	4.5	2	5	22	27	2.5	25	42	57.4	42	400	\$5.33	
75	EIA30216-0075	EIB30216-0075	EIC30216-0075	EIE30216-0075	41g	75	4.5	2	6	22	28	3	3	42	72.4	55	300	\$6.50	
80	EIA30216-0080	EIB30216-0080	EIC30216-0080	EIE30216-0080	43g	80	4.5	2	6	22	28	3	3	42	77.4	60	300	\$7.00	
90	EIA30216-0090	EIB30216-0090	EIC30216-0090	EIE30216-0090	53g	90	4.5	2	6	22	28	3	3	42	87.4	70	300	\$7.33	
100	EIA30216-0100	EIB30216-0100	EIC30216-0100	EIE30216-0100	59g	100	4.5	2	6	22	28	3	3	42	97.4	80	300	\$7.50	

Custom made color



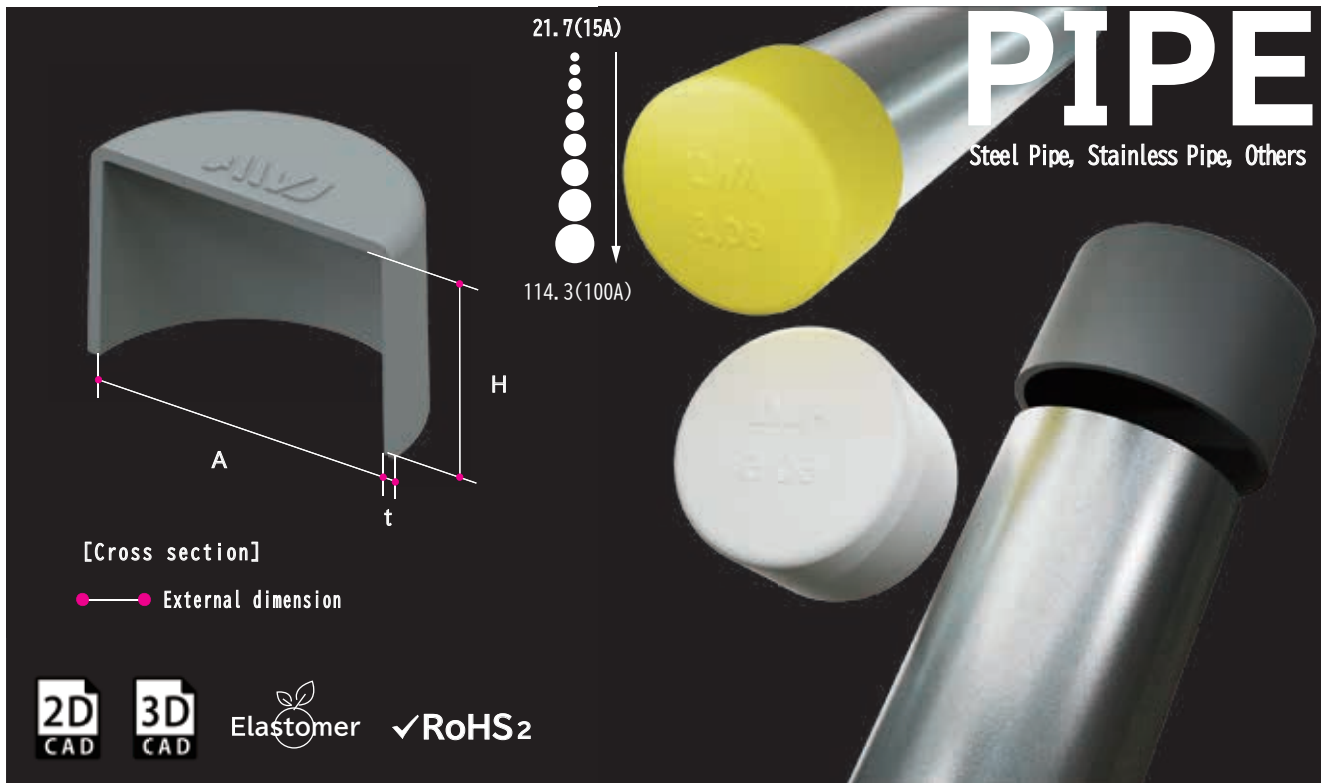
Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size												Shipping Unit Box	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		□AB	RA	RB	t	H	H'	t1	t2	A1	□A2 B2	B1			
30	EID30216-0030	EIF30216-0030	EIG30216-0030	EIH30216-0030	7g	30	3	2	4	22	26	2	25	14	27.4	14	1600	\$1.50	
40	EID30216-0040	EIF30216-0040	EIG30216-0040	EIH30216-0040	13g	40	3	2	5	22	27	2.5	25	23	37.4	23	800	\$2.67	
45	EID30216-0045	EIF30216-0045	EIG30216-0045	EIH30216-0045	16g	45	3	2	5	22	27	2.5	25	27	42.4	27	600	\$3.17	
50	EID30216-0050	EIF30216-0050	EIG30216-0050	EIH30216-0050	19g	50	4.5	2	5	22	27	2.5	25	32	47.4	32	600	\$3.50	
60	EID30216-0060	EIF30216-0060	EIG30216-0060	EIH30216-0060	25g	60	4.5	2	5	22	27	2.5	25	42	57.4	42	400	\$5.33	
75	EID30216-0075	EIF30216-0075	EIG30216-0075	EIH30216-0075	41g	75	4.5	2	6	22	28	3	3	42	72.4	55	300	\$6.50	
80	EID30216-0080	EIF30216-0080	EIG30216-0080	EIH30216-0080	43g	80	4.5	2	6	22	28	3	3	42	77.4	60	300	\$7.00	
90	EID30216-0090	EIF30216-0090	EIG30216-0090	EIH30216-0090	53g	90	4.5	2	6	22	28	3	3	42	87.4	70	300	\$7.33	
100	EID30216-0100	EIF30216-0100	EIG30216-0100	EIH30216-0100	59g	100	4.5	2	6	22	28	3	3	42	97.4	80	300	\$7.50	

EL CAP Series

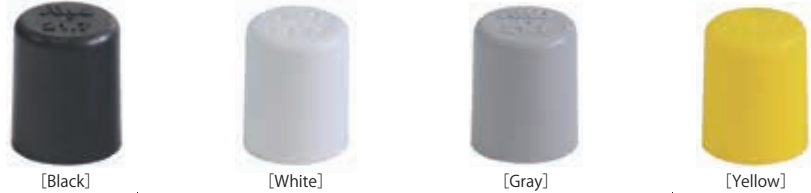
EL Outer Cap for Round Pipe

9408



Color Lineup

Recommended for outdoor use



Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size A x H x T	Shipping Unit Box	MSRP per PCS
21.7(15A)	EOA30214-0217	E0B30214-0217	E0C30214-0217	E0E30214-0217	5g	21.7x30x2	2000	\$0.83
27.2(20A)	EOA30214-0272	E0B30214-0272	E0C30214-0272	E0E30214-0272	7g	27.2x30x2	1800	\$1.33
34.0(25A)	EOA30214-0340	E0B30214-0340	E0C30214-0340	E0E30214-0340	9g	34.0x35x2	1200	\$1.83
42.7(32A)	EOA30214-0427	E0B30214-0427	E0C30214-0427	E0E30214-0427	17g	42.7x40x2.5	600	\$3.33
48.6(40A)	EOA30214-0486	E0B30214-0486	E0C30214-0486	E0E30214-0486	20g	48.6x40x2.5	600	\$4.00
60.5(50A)	EOA30214-0605	E0B30214-0605	E0C30214-0605	E0E30214-0605	26g	60.5x50x2.5	500	\$4.50
76.3(65A)	EOA30214-0763	E0B30214-0763	E0C30214-0763	E0E30225-0060	52g	76.3x50x3	400	\$5.17
89.1(80A)	EOA30214-0891	E0B30214-0891	E0C30214-0891	E0E30214-0891	70g	89.1x60x3	300	\$5.67
114.3(100A)	EOA30214-1143	E0B30214-1143	E0C30214-1143	E0E30214-1143	93g	114.3x60x3	250	\$6.17

Custom made color



Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size A x H x T	Shipping Unit Box	MSRP per PCS
21.7(15A)	E0D30214-0217	E0F30214-0217	E0G30214-0217	E0H30214-0217	5g	21.7x30x2	2000	\$0.83
27.2(20A)	E0D30214-0272	E0F30214-0272	E0G30214-0272	E0H30214-0272	7g	27.2x30x2	1800	\$1.33
34.0(25A)	E0D30214-0340	E0F30214-0340	E0G30214-0340	E0H30214-0340	9g	34.0x35x2	1200	\$1.83
42.7(32A)	E0D30214-0427	E0F30214-0427	E0G30214-0427	E0H30214-0427	17g	42.7x40x2.5	600	\$3.33
48.6(40A)	E0D30214-0486	E0F30214-0486	E0G30214-0486	E0H30214-0486	20g	48.6x40x2.5	600	\$4.00
60.5(50A)	E0D30214-0605	E0F30214-0605	E0G30214-0605	E0H30214-0605	26g	60.5x50x2.5	500	\$4.50
76.3(65A)	E0D30214-0763	E0F30214-0763	E0G30214-0763	E0H30225-0060	52g	76.3x50x3	400	\$5.17
89.1(80A)	E0D30214-0891	E0F30214-0891	E0G30214-0891	E0H30214-0891	70g	89.1x60x3	300	\$5.67
114.3(100A)	E0D30214-1143	E0F30214-1143	E0G30214-1143	E0H30214-1143	93g	114.3x60x3	250	\$6.17

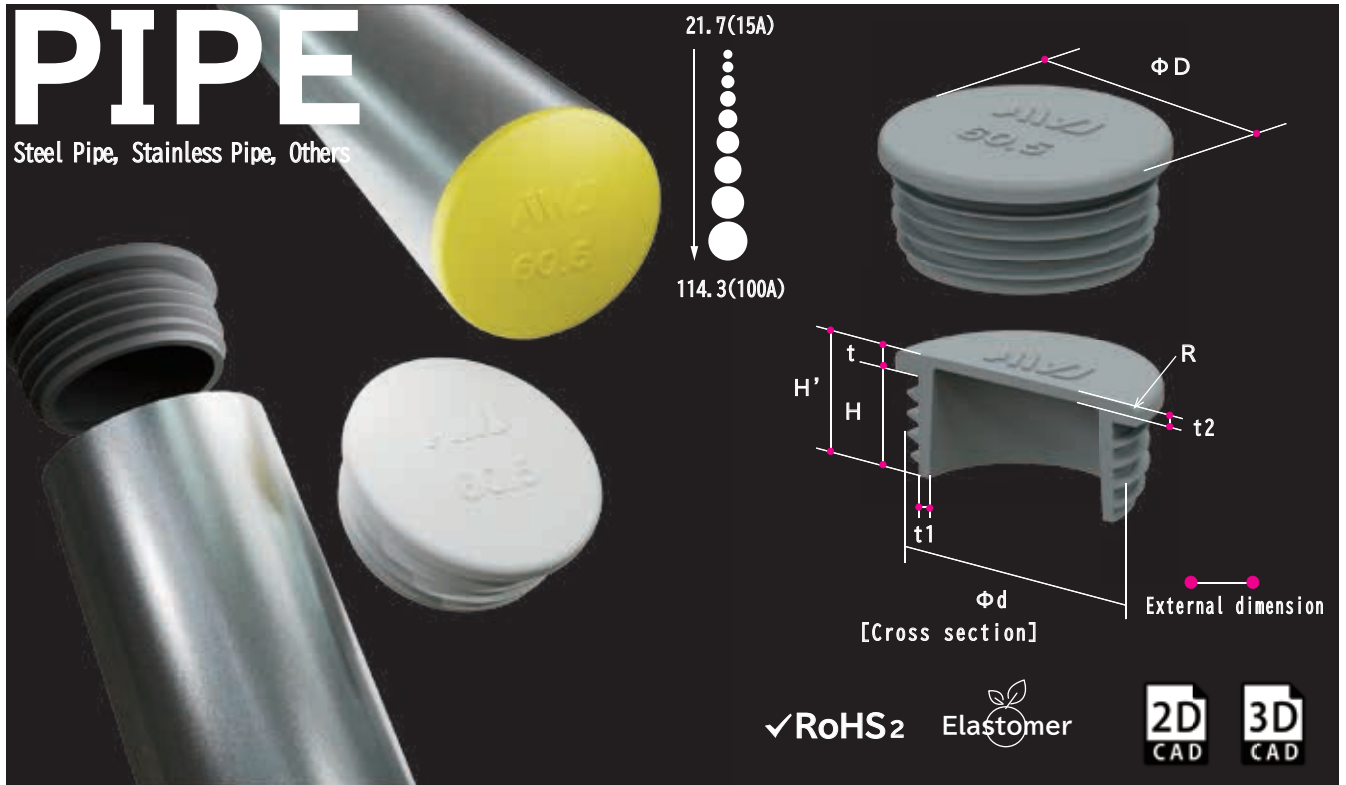
EL CAP Series

EL Inner Cap for Round Pipe

9411

PIPE

Steel Pipe, Stainless Pipe, Others



✓RoHS2 Elastomer 2D CAD 3D CAD

Color Lineup

Recommended for outdoor use



Size	[Black]	[White]	[Gray]	[Yellow]	Weight	Size										Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		ϕD	R	t	H	H'	t1	t2	ϕd	Pipe THK	Box		
21.7(15A)	EIA30214-0015	EIB30214-0015	EIC30214-0015	EIE30214-0015	3g	21.7	2	4	22	26	2	2.5	18.1	2.8	2000	\$0.83	
27.2(20A)	EIA30214-0020	EIB30214-0020	EIC30214-0020	EIE30214-0020	6g	27.2	2	5	22	27	2.5	2.5	23.6	2.8	1800	\$1.33	
34.0(25A)	EIA30214-0025	EIB30214-0025	EIC30214-0025	EIE30214-0025	9g	34	2	5	22	27	2.5	2.5	29.6	3.2	1200	\$1.83	
42.7(32A)	EIA30214-0032	EIB30214-0032	EIC30214-0032	EIE30214-0032	13g	42.7	2	5	22	27	2.5	2.5	37.7	3.5	600	\$3.33	
48.6(40A)	EIA30214-0040	EIB30214-0040	EIC30214-0040	EIE30214-0040	15g	48.6	2	5	22	27	2.5	2.5	43.6	3.5	600	\$4.00	
60.5(50A)	EIA30214-0050	EIB30214-0050	EIC30214-0050	EIE30214-0050	21g	60.5	2	5	22	27	2.5	2.5	54.9	3.8	500	\$4.50	
76.3(65A)	EIA30214-0065	EIB30214-0065	EIC30214-0065	EIE30214-0065	36g	76.3	2	6	22	28	3	3	70.9	4.2	400	\$5.17	
89.1(80A)	EIA30214-0080	EIB30214-0080	EIC30214-0080	EIE30214-0080	45g	89.1	2	6	22	28	3	3	83.7	4.2	400	\$5.67	
114.3(100A)	EIA30214-0100	EIB30214-0100	EIC30214-0100	EIE30214-0100	63g	114.3	2	6	22	28	3	3	108.3	4.5	400	\$6.17	

Custom made color



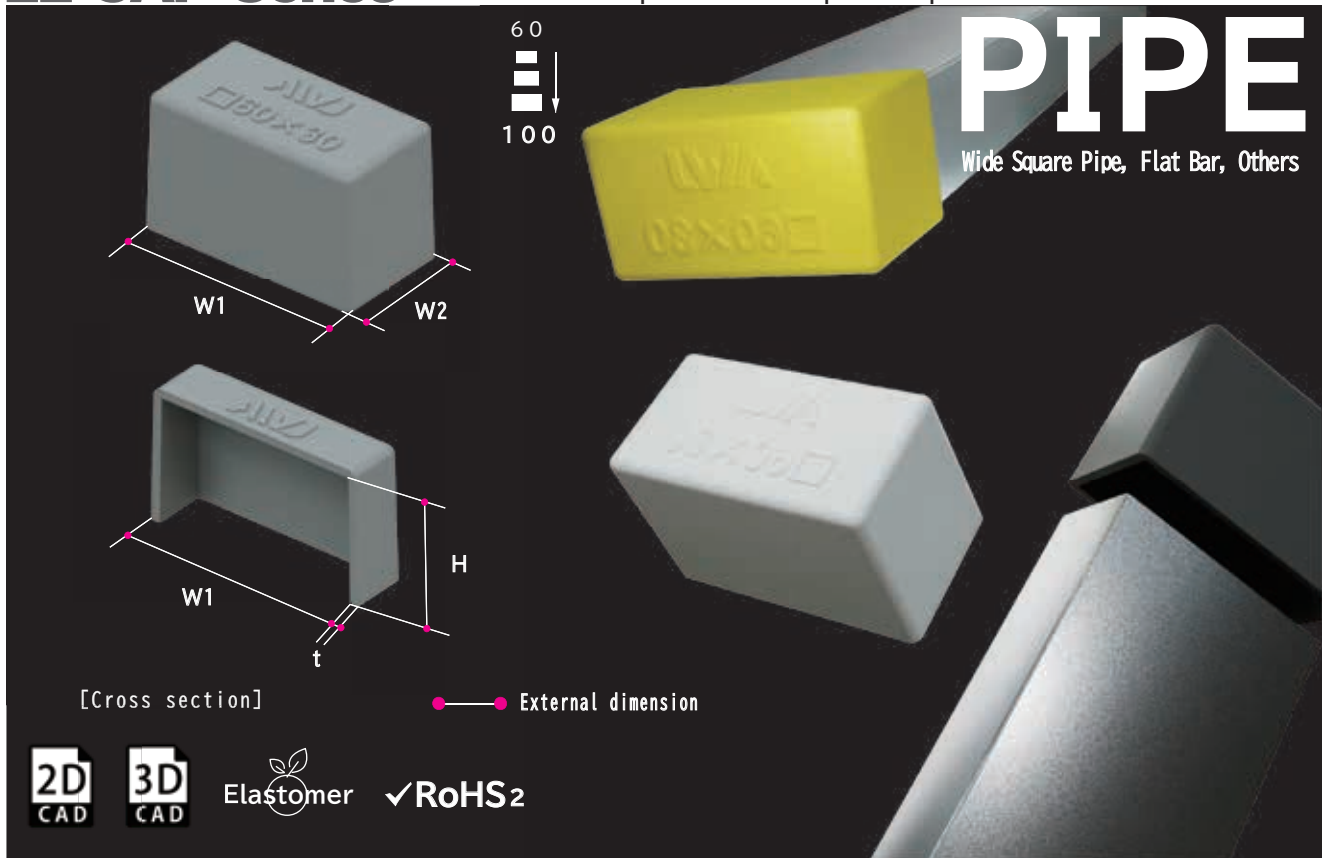
Ivory/Blue/Red/Brown applies for custom made. It takes 4 to 7 days for delivery.

Size	[Ivory]	[Blue]	[Red]	[Brown]	Weight	Size										Shipping Unit	MSRP perPCS
	Product No.	Product No.	Product No.	Product No.		ϕD	R	t	H	H'	t1	t2	ϕd	Pipe THK	Box		
21.7(15A)	EID30214-0015	EIF30214-0015	EIG30214-0015	EIH30214-0015	3g	21.7	2	4	22	26	2	2.5	18.1	2.8	2000	\$0.83	
27.2(20A)	EID30214-0020	EIF30214-0020	EIG30214-0020	EIH30214-0020	6g	27.2	2	5	22	27	2.5	2.5	23.6	2.8	1800	\$1.33	
34.0(25A)	EID30214-0025	EIF30214-0025	EIG30214-0025	EIH30214-0025	9g	34	2	5	22	27	2.5	2.5	29.6	3.2	1200	\$1.83	
42.7(32A)	EID30214-0032	EIF30214-0032	EIG30214-0032	EIH30214-0032	13g	42.7	2	5	22	27	2.5	2.5	37.7	3.5	600	\$3.33	
48.6(40A)	EID30214-0040	EIF30214-0040	EIG30214-0040	EIH30214-0040	15g	48.6	2	5	22	27	2.5	2.5	43.6	3.5	600	\$4.00	
60.5(50A)	EID30214-0050	EIF30214-0050	EIG30214-0050	EIH30214-0050	21g	60.5	2	5	22	27	2.5	2.5	54.9	3.8	500	\$4.50	
76.3(65A)	EID30214-0065	EIF30214-0065	EIG30214-0065	EIH30214-0065	36g	76.3	2	6	22	28	3	3	70.9	4.2	400	\$5.17	
89.1(80A)	EID30214-0080	EIF30214-0080	EIG30214-0080	EIH30214-0080	45g	89.1	2	6	22	28	3	3	83.7	4.2	400	\$5.67	
114.3(100A)	EID30214-0100	EIF30214-0100	EIG30214-0100	EIH30214-0100	63g	114.3	2	6	22	28	3	3	108.3	4.5	400	\$6.17	

EL CAP Series

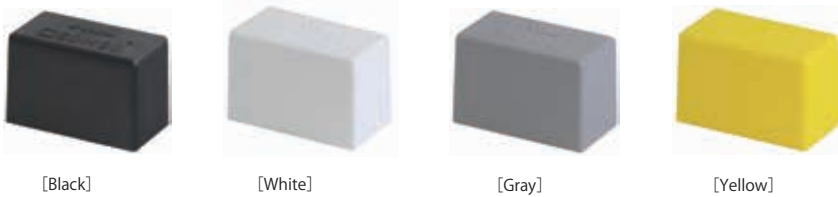
EL Outer Cap for Wide Square Pipe

9409



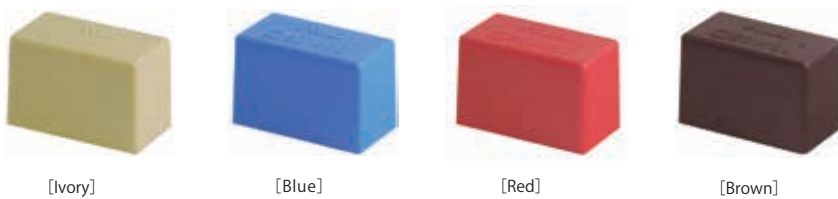
Color Lineup

Recommended for outdoor use



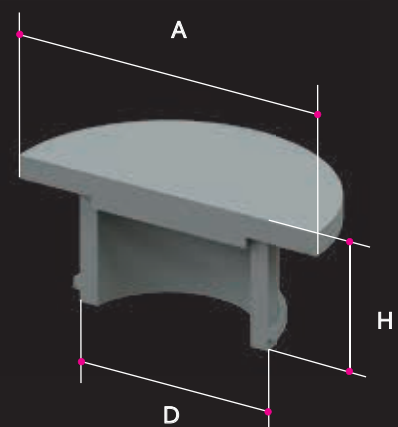
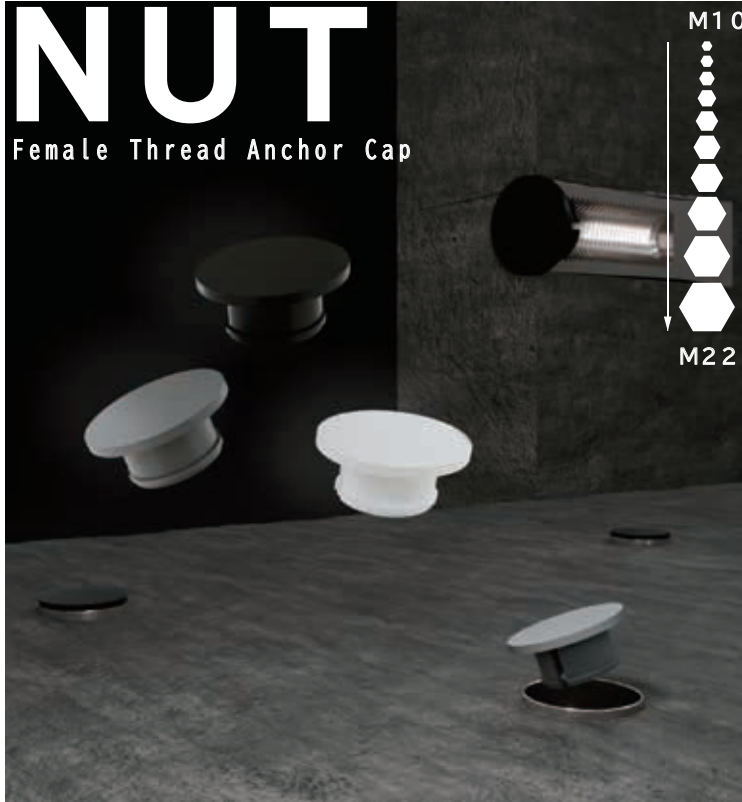
Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	[Yellow] Product No.	Weight	Size W1 x W2 x H x t	Shipping Unit Box	MSRP perPCS
60	EOA30225-0060	EOB30225-0060	EOC30225-0060	EOE30225-0060	22g	60x30x40x2.5	500	\$3.33
75	EOA30225-0075	EOB30225-0075	EOC30225-0075	EOE30225-0075	45g	75x45x50x3	400	\$5.83
100	EOA30225-0100	EOB30225-0100	EOC30225-0100	EOE30225-0100	66g	100x50x60x3	300	\$6.67

Custom made color



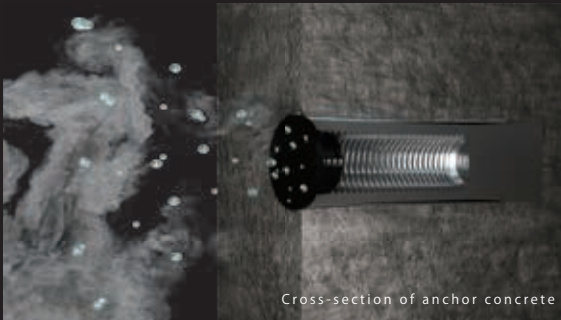
Ivory/Blue/Red/Brown applies for custom made.
It takes 4 to 7 days for delivery.

Size	[Ivory] Product No.	[Blue] Product No.	[Red] Product No.	[Brown] Product No.	Weight	Size W1 x W2 x H x t	Shipping Unit Box	MSRP perPCS
60	EOA30225-0060	EOB30225-0060	EOC30225-0060	EOE30225-0060	22g	60x30x40x2.5	500	\$3.33
75	EOA30225-0075	EOB30225-0075	EOC30225-0075	EOE30225-0075	45g	75x45x50x3	400	\$5.83
100	EOA30225-0100	EOB30225-0100	EOC30225-0100	EOE30225-0100	66g	100x50x60x3	300	\$6.67



[Cross section]

✓RoHS2



Cross-section of anchor concrete



Features

By capping into anchors or unnecessary screw holes, it is protected from rain, dust, and dirt which cause rust. Flat surface also provides a cosmetic effect.

Example

Attached to anchors driven into the segment.

[Colors Lineup]



[Black]

[White]

[Gray]

Manufacturers recommended

UNIKA
Unicon anchor/ Cut anchor

okabe
Multi anchor/ Strong anchor

SANKO TECHNO
Grip anchor CT/ Grip anchor HGA

HITTL JAPAN
HKD anchor/ PH curving anchor

KFC
Head in anchor/ Cut anchor

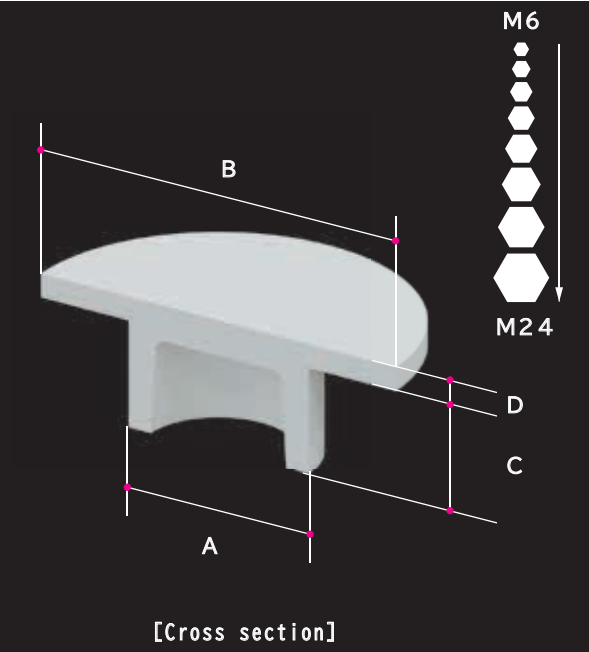
Size	[Black] Product No.	[White] Product No.	[Gray] Product No.	Weight	Dimensions A x D x H	Shipping Unit Box	MSRP perPCS
M10	A30501-0010	B30501-0010	C30501-0010	1g	14 x 9 x 5	5000	\$0.33
M12	A30501-0012	B30501-0012	C30501-0012	1g	17 x 11 x 6	5000	\$0.42
M16	A30501-0016	B30501-0016	C30501-0016	2g	21 x 15 x 8	4000	\$0.50
M20	A30501-0020	B30501-0020	C30501-0020	3g	25 x 19 x 9	3200	\$0.67
M22	A30501-0022	B30501-0022	C30501-0022	6g	28 x 21 x 10	2400	\$0.83
W3/8	A30501-0308	B30501-0308	C30501-0308	9g	14 x 9 x 5	5000	\$0.33
W1/2	A30501-0102	B30501-0102	C30501-0102	15g	17 x 11 x 6	5000	\$0.42
W5/8	A30501-0508	B30501-0508	C30501-0508	19g	21 x 15 x 8	4000	\$0.50
W3/4	A30501-0304	B30501-0304	C30501-0304	2g	25 x 19 x 9	3200	\$0.67
W7/8	A30501-0708	B30501-0708	C30501-0708	3g	28 x 21 x 10	2400	\$0.83

PE CAP Series

Inner Cap for Cap Bolt

9701

Inner Cap for Cap Bolt



✓RoHS2



By capping into the hexagonal hole, it is protected from rain, dust, and dirt which cause rust. Flat surface also provides a cosmetic effect.

By capping, it is no longer necessary to clean the screw holes. It improves work efficiency.

[Color line-up]



Size	[Black] Product No.	[White] Product No.	Weight	Dimensions AxBxCxD	Shipping Unit Box	MSRP perPCS
M6	A30505-0006	B30505-0006	1g	5.1x10x2.5x1	4000	\$0.50
M8	A30505-0008	B30505-0008	1g	6.1x13x3.5x1	4000	\$0.50
M10	A30505-0010	B30505-0010	1g	8.1x16x4.5x1	3200	\$0.67
M12	A30505-0012	B30505-0012	1g	10.1x18x5.5x1	3200	\$0.67
M16	A30505-0016	B30505-0016	2g	14.1x24x6x1	2000	\$1.00
M20	A30505-0020	B30505-0020	2g	17.1x30x7x1	1600	\$1.33
M22	A30505-0022	B30505-0022	2g	17.1x33x7x1	1200	\$1.67
M24	A30505-0024	B30505-0024	2g	19.1x36x8x1	1200	\$2.00

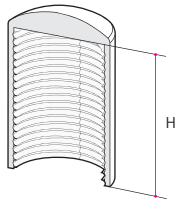
PVC CAP Series PVC Cap Series

Studs bolt Cap, Single Nut Cap, Anchor Nut Cap

Studs Bolt Cap



[Black] [White] [Gray] [Ivory]



[Cross section]

Red letters have been model changed to elastomer. PVC applied by custom made.

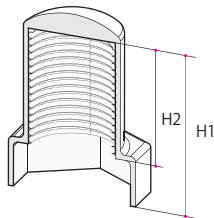
9500

[Black]			[White]			[Gray]			[Ivory]			MSRP per PCS
Product No.	Size	H	Product No.	Size	Product No.	Size	Product No.	Size				
A30203-0004	M4	20	B30203-0004	M4	C30203-0004	M4	D30203-0004	M4	\$0.50			
A30203-0005	M5	20	B30203-0005	M5	C30203-0005	M5	D30203-0005	M5	\$0.50			
A30203-0006	M6	20	B30203-0006	M6	C30203-0006	M6	D30203-0006	M6	\$0.50			
A30203-0008	M8	25	B30203-0008	M8	C30203-0008	M8	D30203-0008	M8	\$0.50			
A30203-0010	M1 0	30	B30203-0010	M1 0	C30203-0010	M1 0	D30203-0010	M1 0	\$0.50			
A30203-0012	M1 2	30	B30203-0012	M1 2	C30203-0012	M1 2	D30203-0012	M1 2	\$0.67			
A30203-0016	M1 6	40	B30203-0016	M1 6	C30203-0016	M1 6	D30203-0016	M1 6	\$1.00			
A30203-0020	M2 0	50	B30203-0020	M2 0	C30203-0020	M2 0	D30203-0020	M2 0	\$1.83			
A30203-0022	M2 2	50	B30203-0022	M2 2	C30203-0022	M2 2	D30203-0022	M2 2	\$3.00			
A30203-0024	M2 4	60	B30203-0024	M2 4	C30203-0024	M2 4	D30203-0024	M2 4	\$3.33			
A30203-0030	M3 0	60	B30203-0030	M3 0	C30203-0030	M3 0	D30203-0030	M3 0	\$4.33			
A30203-0036	M3 6	60	B30203-0036	M3 6	C30203-0036	M3 6	D30203-0036	M3 6	\$10.50			
A30203-0042	M4 2	60			C30203-0042	M4 2			\$15.00			
A30203-0048	M4 8	60			C30203-0048	M4 8			\$20.00			
A30203-0056	M5 6	60			C30203-0056	M5 6			\$25.00			
A30203-0060	M6 0	60			C30203-0060	M6 0			\$30.00			
A30203-0516	W5/1 6	25	B30203-0516	W5/1 6	C30203-0516	W5/1 6	D30203-0516	W5/1 6	\$0.50			
A30203-0308	W3/8	30	B30203-0308	W3/8	C30203-0308	W3/8	D30203-0308	W3/8	\$0.50			
A30203-0102	W1/2	30	B30203-0102	W1/2	C30203-0102	W1/2	D30203-0102	W1/2	\$0.67			
A30203-0508	W5/8	40	B30203-0508	W5/8	C30203-0508	W5/8	D30203-0508	W5/8	\$1.00			
A30203-0304	W3/4	50	B30203-0304	W3/4	C30203-0304	W3/4	D30203-0304	W3/4	\$1.83			

Single Nut Cap



[Black] [White] [Gray] [Ivory]



[Cross section]

Red letters have been model changed to elastomer. PVC applied by custom made.

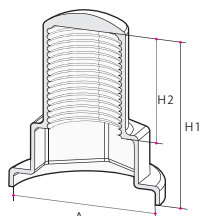
9501

[Black]			[White]			[Gray]			[Ivory]			MSRP per PCS
Product No.	Size	H1xH2	Product No.	Size	Product No.	Size	Product No.	Size				
A30204-0006	M6	20x15	B30204-0006	M6	C30204-0006	M6	D30204-0006	M6	\$0.67			
A30204-0008	M8	22x15	B30204-0008	M8	C30204-0008	M8	D30204-0008	M8	\$0.67			
A30204-0010	M1 0	23x15	B30204-0010	M1 0	C30204-0010	M1 0	D30204-0010	M1 0	\$0.83			
A30204-0012	M1 2	30x20	B30204-0012	M1 2	C30204-0012	M1 2	D30204-0012	M1 2	\$1.00			
A30204-0016	M1 6	38x25	B30204-0016	M1 6	C30204-0016	M1 6	D30204-0016	M1 6	\$1.33			
A30204-0020	M2 0	46x30	B30204-0020	M2 0	C30204-0020	M2 0	D30204-0020	M2 0	\$2.17			
A30204-0022	M2 2	58x40	B30204-0022	M2 2	C30204-0022	M2 2	D30204-0022	M2 2	\$3.33			
A30204-0024	M2 4	69x50	B30204-0024	M2 4	C30204-0024	M2 4	D30204-0024	M2 4	\$3.83			
A30204-0030	M3 0	84x60	B30204-0030	M3 0	C30204-0030	M3 0	D30204-0030	M3 0	\$4.67			
A30204-0036	M3 6	109x80	B30204-0036	M3 6	C30204-0036	M3 6	D30204-0036	M3 6	\$10.83			
A30204-0042	M4 2	124x90			C30204-0042	M4 2			\$15.50			
A30204-0048	M4 8	128x90			C30204-0048	M4 8			\$22.50			
A30204-0516	W5/1 6	22x15	B30204-0516	W5/1 6	C30204-0516	W5/1 6	D30204-0516	W5/1 6	\$0.67			
A30204-0308	W3/8	23x15	B30204-0308	W3/8	C30204-0308	W3/8	D30204-0308	W3/8	\$0.83			
A30204-0102	W1/2	30x20	B30204-0102	W1/2	C30204-0102	W1/2	D30204-0102	W1/2	\$1.00			
A30204-0508	W5/8	43x30	B30204-0508	W5/8	C30204-0508	W5/8	D30204-0508	W5/8	\$1.33			
A30204-0304	W3/4	56x40	B30204-0304	W3/4	C30204-0304	W3/4	D30204-0304	W3/4	\$2.17			

Anchor Nut Cap



[Black] [White] [Gray] [Ivory]



[Cross section]

Red letters have been model changed to elastomer. PVC applied by custom made.

9502

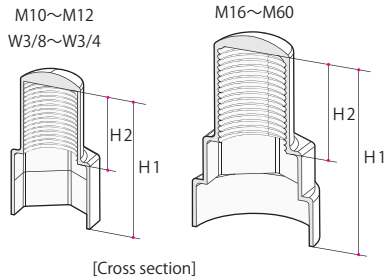
[Black]			[White]			[Gray]			[Ivory]			MSRP per PCS
Product No.	Size	H1xH2xA	Product No.	Size	Product No.	Size	Product No.	Size				
A30221-0006	M6	22x15x13	B30221-0006	M6	C30221-0006	M6	D30221-0006	M6	\$0.83			
A30221-0008	M8	25x15x18	B30221-0008	M8	C30221-0008	M8	D30221-0008	M8	\$1.00			
A30221-0010	M1 0	26x15x22	B30221-0010	M1 0	C30221-0010	M1 0	D30221-0010	M1 0	\$1.17			
A30221-0012	M1 2	33x20x26	B30221-0012	M1 2	C30221-0012	M1 2	D30221-0012	M1 2	\$1.33			
A30221-0016	M1 6	41x25x32	B30221-0016	M1 6	C30221-0016	M1 6	D30221-0016	M1 6	\$1.83			
A30221-0020	M2 0	50x30x40	B30221-0020	M2 0	C30221-0020	M2 0	D30221-0020	M2 0	\$2.50			
A30221-0104	W1/4	22x15x13	B30221-0104	W1/4	C30221-0104	W1/4	D30221-0104	W1/4	\$0.83			
A30221-0516	W5/1 6	25x15x18	B30221-0516	W5/1 6	C30221-0516	W5/1 6	D30221-0516	W5/1 6	\$1.00			
A30221-0308	W3/8	26x15x22	B30221-0308	W3/8	C30221-0308	W3/8	D30221-0308	W3/8	\$1.17			
A30221-0102	W1/2	33x20x26	B30221-0102	W1/2	C30221-0102	W1/2	D30221-0102	W1/2	\$1.33			

PVC CAP Series PVC Cap Series

Double Nut Cap



[Black] [White] [Gray] [Ivory]



▲ As shown in the cross-sectional view above, the shape of the lower part differs depending on the size. Since it is difficult to align the faces of large nut size, the lower part shapes circular to make it easier installation.

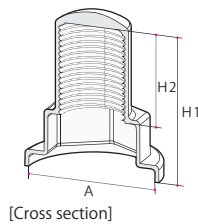
Red letters have been model changed to elastomer. PVC applied by custom made. 9503

[Black]			[White]		[Gray]		[Ivory]		MSRP perPCS
Product No.	Size	H1xH2	Product No.	Size	Product No.	Size	Product No.	Size	
A30206-0010	M1 0	31x15	B30206-0010	M1 0	C30206-0010	M1 0	D30206-0010	M1 0	\$1.50
A30206-0012	M1 2	40x20	B30206-0012	M1 2	C30206-0012	M1 2	D30206-0012	M1 2	\$2.17
A30206-0016	M1 6	51x25	B30206-0016	M1 6	C30206-0016	M1 6	D30206-0016	M1 6	\$2.67
A30206-0020	M2 0	62x30	B30206-0020	M2 0	C30206-0020	M2 0	D30206-0020	M2 0	\$3.67
A30206-0022	M2 2	76x40	B30206-0022	M2 2	C30206-0022	M2 2	D30206-0022	M2 2	\$4.17
A30206-0024	M2 4	88x50	B30206-0024	M2 4	C30206-0024	M2 4	D30206-0024	M2 4	\$4.50
A30206-0027	M2 7	94x50	B30206-0027	M2 7	C30206-0027	M2 7	D30206-0027	M2 7	\$4.92
A30206-0030	M3 0	108x60	B30206-0030	M3 0	C30206-0030	M3 0	D30206-0030	M3 0	\$5.33
A30206-0033	M3 3	122x70			C30206-0033	M3 3			\$8.50
A30206-0036	M3 6	138x80			C30206-0036	M3 6			\$11.67
A30206-0039	M3 9	142x80			C30206-0039	M3 9			\$13.92
A30206-0042	M4 2	158x90			C30206-0042	M4 2			\$16.17
A30206-0048	M4 8	166x90			C30206-0048	M4 8			\$26.67
A30206-0056	M5 6	180x90			C30206-0056	M5 6			\$43.33
A30206-0060	M6 0	186x90			C30206-0060	M6 0			\$48.33
A30206-0308	W3/8	31x15	B30206-0308	W3/8	C30206-0308	W3/8	D30206-0308	W3/8	\$1.50
A30206-0102	W1/2	40x20	B30206-0102	W1/2	C30206-0102	W1/2	D30206-0102	W1/2	\$2.17
A30206-0508	W5/8	56x30	B30206-0508	W5/8	C30206-0508	W5/8	D30206-0508	W5/8	\$2.67
A30206-0304	W3/4	72x40	B30206-0304	W3/4	C30206-0304	W3/4	D30206-0304	W3/4	\$3.67

Single Nut Cap washer attached



[Black] [White] [Gray] [Ivory]



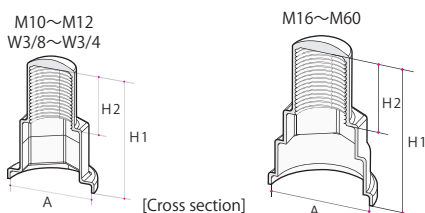
Red letters have been model changed to elastomer. PVC applied by custom made. 9504

[Black]			[White]		[Gray]		[Ivory]		MSRP perPCS
Product No.	Size	H1xH2xA	Product No.	Size	Product No.	Size	Product No.	Size	
A30210-0006	M6	22x15x13	B30210-0006	M6	C30210-0006	M6	D30210-0006	M6	\$0.67
A30210-0008	M8	25x15x18	B30210-0008	M8	C30210-0008	M8	D30210-0008	M8	\$1.00
A30210-0010	M1 0	26x15x22	B30210-0010	M1 0	C30210-0010	M1 0	D30210-0010	M1 0	\$1.17
A30210-0012	M1 2	33x20x26	B30210-0012	M1 2	C30210-0012	M1 2	D30210-0012	M1 2	\$1.33
A30210-0016	M1 6	41x25x32	B30210-0016	M1 6	C30210-0016	M1 6	D30210-0016	M1 6	\$1.83
A30210-0020	M2 0	50x30x40	B30210-0020	M2 0	C30210-0020	M2 0	D30210-0020	M2 0	\$2.50
A30210-0022	M2 2	62x40x44	B30210-0022	M2 2	C30210-0022	M2 2	D30210-0022	M2 2	\$3.83
A30210-0024	M2 4	74x50x48	B30210-0024	M2 4	C30210-0024	M2 4	D30210-0024	M2 4	\$4.17
A30210-0030	M3 0	89x60x58	B30210-0030	M3 0	C30210-0030	M3 0	D30210-0030	M3 0	\$5.00
A30210-0036	M3 6	115x80x68	B30210-0036	M3 6	C30210-0036	M3 6	D30210-0036	M3 6	\$11.33
A30210-0042	M4 2	131x90x78			C30210-0042	M4 2			\$15.83
A30210-0048	M4 8	136x90x88			C30210-0048	M4 8			\$24.17
A30210-0516	W5/16	25x15x18	B30210-0516	W5/16	C30210-0516	W5/16	D30210-0516	W5/16	\$1.00
A30210-0308	W3/8	26x15x22	B30210-0308	W3/8	C30210-0308	W3/8	D30210-0308	W3/8	\$1.17
A30210-0102	W1/2	33x20x32	B30210-0102	W1/2	C30210-0102	W1/2	D30210-0102	W1/2	\$1.33
A30210-0508	W5/8	46x30x38	B30210-0508	W5/8	C30210-0508	W5/8	D30210-0508	W5/8	\$1.83
A30210-0304	W3/4	60x40x45	B30210-0304	W3/4	C30210-0304	W3/4	D30210-0304	W3/4	\$2.50

Double Nut Cap washer attached



[Black] [White] [Gray] [Ivory]



▲ As shown in the cross-sectional view above, the shape of the lower part differs depending on the size. Since it is difficult to align the faces of large nut size, the lower part shapes circular to make it easier installation.

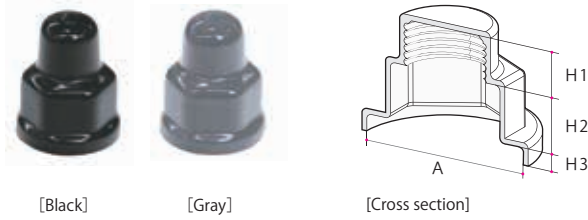
Red letters have been model changed to elastomer. PVC applied by custom made. 9505

[Black]			[White]		[Gray]		[Ivory]		MSRP perPCS
Product No.	Size	H1xH2xA	Product No.	Size	Product No.	Size	Product No.	Size	
A30211-0010	M1 0	33x15x22	B30211-0010	M1 0	C30211-0010	M1 0	D30211-0010	M1 0	\$2.00
A30211-0012	M1 2	43x20x26	B30211-0012	M1 2	C30211-0012	M1 2	D30211-0012	M1 2	\$2.83
A30211-0016	M1 6	54x25x32	B30211-0016	M1 6	C30211-0016	M1 6	D30211-0016	M1 6	\$3.67
A30211-0020	M2 0	66x30x40	B30211-0020	M2 0	C30211-0020	M2 0	D30211-0020	M2 0	\$4.00
A30211-0022	M2 2	80x40x44	B30211-0022	M2 2	C30211-0022	M2 2	D30211-0022	M2 2	\$4.83
A30211-0024	M2 4	92x50x48	B30211-0024	M2 4	C30211-0024	M2 4	D30211-0024	M2 4	\$5.17
A30211-0027	M2 7	98x50x52	B30211-0027	M2 7	C30211-0027	M2 7	D30211-0027	M2 7	\$5.50
A30211-0030	M3 0	113x60x58	B30211-0030	M3 0	C30211-0030	M3 0	D30211-0030	M3 0	\$5.83
A30211-0033	M3 3	127x70x62			C30211-0033	M3 3			\$9.17
A30211-0036	M3 6	143x80x68			C30211-0036	M3 6			\$12.33
A30211-0039	M3 9	147x80x72			C30211-0039	M3 9			\$14.42
A30211-0042	M4 2	164x90x78			C30211-0042	M4 2			\$16.50
A30211-0048	M4 8	174x90x88			C30211-0048	M4 8			\$38.33
A30211-0056	M5 6	189x90x105			C30211-0056	M5 6			\$48.33
A30211-0060	M6 0	195x90x110			C30211-0060	M6 0			\$56.67
A30211-0308	W3/8	33x15x22	B30211-0308	W3/8	C30211-0308	W3/8	D30211-0308	W3/8	\$2.00
A30211-0102	W1/2	43x20x26	B30211-0102	W1/2	C30211-0102	W1/2	D30211-0102	W1/2	\$2.83
A30211-0508	W5/8	59x30x32	B30211-0508	W5/8	C30211-0508	W5/8	D30211-0508	W5/8	\$3.67
A30211-0304	W3/4	76x40x40	B30211-0304	W3/4	C30211-0304	W3/4	D30211-0304	W3/4	\$4.00

PVC CAP Series PVC Cap Series

High Tension Nut Cap washer attached

9506



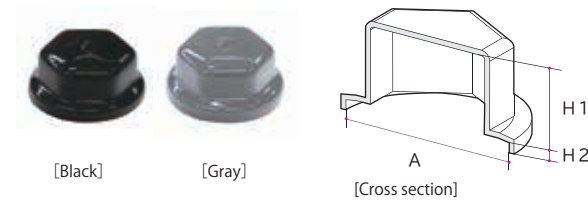
Model changing to Elastomer from small size product by the end of 2024.

[Black]			[Gray]		MSRP per PCS
Product No.	Size	H1 × H2 × H3 × A	Product No.	Size	
A30230-0012	M1 2	20×12×4×26	C30230-0012	M1 2	\$1.83
A30230-0016	M1 6	20×16×5×32	C30230-0016	M1 6	\$2.00
A30230-0020	M2 0	22×20×5×40	C30230-0020	M2 0	\$2.17
A30230-0022	M2 2	25×22×6×44	C30230-0022	M2 2	\$3.00
A30230-0024	M2 4	28×24×6×48	C30230-0024	M2 4	\$3.33
A30230-0027	M2 7	30×27×6×56	C30230-0027	M2 7	\$4.17
A30230-0030	M3 0	32×30×8×60	C30230-0030	M3 0	\$4.83

High-tension nuts cap prevents from rusting of hexagonal high-tension nuts head and bolts head on steel bridges. The inside threading of the cap, which is a feature of our original products, prevents the cap from coming off after installation, and leads to more efficient work. By sealing the inside and edges of the cap with a filler, it prevents water intrusion into the cap. Recommended for bonding by special adhesive.

High Tension Bolt Cap washer attached

9507



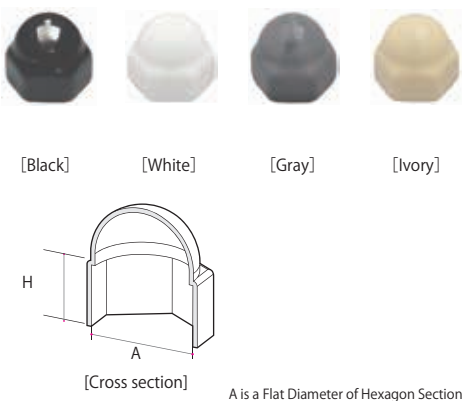
Model changing to Elastomer from small size product by the end of 2024.

[Black]			[Gray]		MSRP per PCS
Product No.	Size	H1 × H2 × A	Product No.	Size	
A30231-0012	M1 2	8×4×26	C30231-0012	M1 2	\$1.50
A30231-0016	M1 6	10×5×32	C30231-0016	M1 6	\$1.37
A30231-0020	M2 0	13×5×40	C30231-0020	M2 0	\$1.83
A30231-0022	M2 2	14×6×44	C30231-0022	M2 2	\$2.00
A30231-0024	M2 4	15×6×48	C30231-0024	M2 4	\$2.17
A30231-0027	M2 7	17×6×56	C30231-0027	M2 7	\$2.83
A30231-0030	M3 0	19×8×60	C30231-0030	M3 0	\$3.17

High-tension nuts cap prevents from rusting of hexagonal high-tension nuts head and bolts head on steel bridges. The inside threading of the cap, which is a feature of our original products, prevents the cap from coming off after installation, and leads to more efficient work. By sealing the inside and edges of the cap with a filler, it prevents water intrusion into the cap. Recommended for bonding by special adhesive.

Hexagon Sac Nut Cap

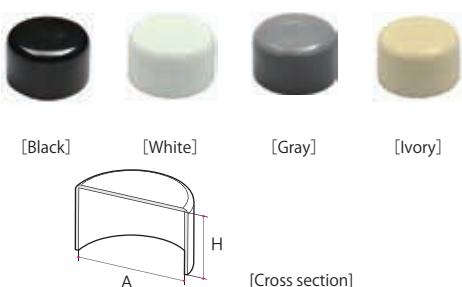
9509



[Black]			[White]		[Gray]		[Ivory]		MSRP per PCS
Product No.	Size	A × H	Product No.	Size	Product No.	Size	Product No.	Size	
A30220-0006	M6	10×9.5	B30220-0006	M6	C30220-0006	M6	D30220-0006	M6	\$0.50
A30220-0008	M8	13×12.5	B30220-0008	M8	C30220-0008	M8	D30220-0008	M8	\$0.83
A30220-0010	M1 0	17×15.5	B30220-0010	M1 0	C30220-0010	M1 0	D30220-0010	M1 0	\$1.17
A30220-0012	M1 2	19×18.5	B30220-0012	M1 2	C30220-0012	M1 2	D30220-0012	M1 2	\$1.33
A30220-0016	M1 6	24×24	B30220-0016	M1 6	C30220-0016	M1 6	D30220-0016	M1 6	\$1.83
A30220-0020	M2 0	30×29	B30220-0020	M2 0	C30220-0020	M2 0	D30220-0020	M2 0	\$2.00
A30220-0022	M2 2	32×32.5	B30220-0022	M2 2	C30220-0022	M2 2	D30220-0022	M2 2	\$2.17
A30220-0024	M2 4	36×35.5	B30220-0024	M2 4	C30220-0024	M2 4	D30220-0024	M2 4	\$2.33

Cap Bolt Outer Cap

9510



[Black]			[White]		[Gray]		[Ivory]		MSRP per PCS
Product No.	Size	A × H	Product No.	Size	Product No.	Size	Product No.	Size	
A30220-0006	M6	10×9.5	B30220-0006	M6	C30220-0006	M6	D30220-0006	M6	\$0.50
A30220-0008	M8	13×12.5	B30220-0008	M8	C30220-0008	M8	D30220-0008	M8	\$0.50
A30220-0010	M1 0	17×15.5	B30220-0010	M1 0	C30220-0010	M1 0	D30220-0010	M1 0	\$0.50
A30220-0012	M1 2	19×18.5	B30220-0012	M1 2	C30220-0012	M1 2	D30220-0012	M1 2	\$0.67
A30220-0016	M1 6	24×24	B30220-0016	M1 6	C30220-0016	M1 6	D30220-0016	M1 6	\$0.83
A30220-0020	M2 0	30×29	B30220-0020	M2 0	C30220-0020	M2 0	D30220-0020	M2 0	\$1.00
A30220-0022	M2 4	32×32.5	B30220-0022	M2 4	C30220-0022	M2 4	D30220-0022	M2 4	\$1.33

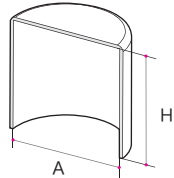
PVC CAP Series PVC Cap Series

Round Pipe Cap

9600



[Black] [White] [Gray] [Ivory]

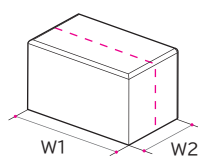


[Cross section]

A= Cap internal dimension
H= Inset depth

[Black]			[White]			[Gray]			[Ivory]			MSRP perPCS
Product No.	Size	AxH	Product No.	Size	Product No.	Size	Product No.	Size	Product No.	Size		
A30214-0063	6.35	6.35x20	B30214-0063	6.35	C30214-0063	6.35	D30214-0063	6.35			\$0.50	
A30214-0095	9.53	9.53x20	B30214-0095	9.53	C30214-0095	9.53	D30214-0095	9.53			\$0.50	
A30214-0105	10.5	10.5x20	B30214-0105	10.5	C30214-0105	10.5	D30214-0105	10.5			\$0.50	
A30214-0127	12.7	12.7x20	B30214-0127	12.7	C30214-0127	12.7	D30214-0127	12.7			\$0.50	
A30214-0138	13.8	13.8x20	B30214-0138	13.8	C30214-0138	13.8	D30214-0138	13.8			\$0.50	
A30214-0158	15.88	15.88x20	B30214-0158	15.88	C30214-0158	15.88	D30214-0158	15.88			\$0.50	
A30214-0173	17.3	17.3x20	B30214-0173	17.3	C30214-0173	17.3	D30214-0173	17.3			\$0.67	
A30214-0190	19.05	19.05x20	B30214-0190	19.05	C30214-0190	19.05	D30214-0190	19.05			\$0.83	
A30214-0222	22.23	22.23x30	B30214-0222	22.23	C30214-0222	22.23	D30214-0222	22.23			\$1.00	
A30214-0285	28.58	28.58x30	B30214-0285	28.58	C30214-0285	28.58	D30214-0285	28.58			\$1.50	
A30214-0349	34.93	34.93x35	B30214-0349	34.93	C30214-0349	34.93	D30214-0349	34.93			\$2.00	
A30214-0412	41.28	41.28x40	B30214-0412	41.28	C30214-0412	41.28	D30214-0412	41.28			\$3.33	
A30214-0539	53.98	53.98x50	B30214-0539	53.98	C30214-0539	53.98	D30214-0539	53.98			\$4.00	
A30214-0666	66.68	66.68x50	B30214-0666	66.68	C30214-0666	66.68	D30214-0666	66.68			\$4.83	
A30214-0793	79.38	79.38x50	B30214-0793	79.38	C30214-0793	79.38	D30214-0793	79.38			\$5.33	
A30214-1016	101.6	101.6x60	B30214-1016	101.6	C30214-1016	101.6	D30214-1016	101.6			\$6.00	
A30214-1047	104.78	104.78x60	B30214-1047	104.78	C30214-1047	104.78	D30214-1047	104.78			\$6.17	
A30214-1301	130.18	130.18x70	B30214-1301	130.18	C30214-1301	130.18	D30214-1301	130.18			\$8.00	
A30214-1398	139.8	139.8x70	B30214-1398	139.8	C30214-1398	139.8	D30214-1398	139.8			\$8.33	
A30214-1555	155.58	155.58x80	B30214-1555	155.58	C30214-1555	155.58	D30214-1555	155.58			\$9.50	
A30214-1652	165.2	165.2x80	B30214-1652	165.2	C30214-1652	165.2	D30214-1652	165.2			\$10.33	

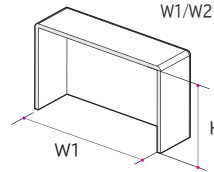
3D → Cross Section



W1 W2

H = Inset depth

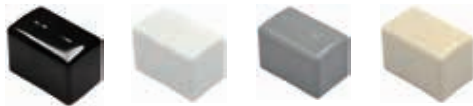
W1/W2 = Cap internal dimension



H

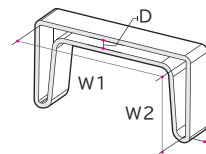
Wide Square Pipe Cap

9603



[Black] [White] [Gray] [Ivory]

[Black]			[White]			[Gray]			[Ivory]			MSRP perPCS
Product No.	Size	W1xW2xH	Product No.	Size	Product No.	Size	Product No.	Size	Product No.	Size		
A30225-0125	125	125x75x70	B30225-0125	125	C30225-0125	125	D30225-0125	125			\$8.33	
A30225-0150	150	150x75x80	B30225-0150	150	C30225-0150	150	D30225-0150	150			\$10.00	
A30225-0200	200	200x100x100	B30225-0200	200	C30225-0200	200	D30225-0200	200			\$13.33	



H is the inset depth

Channel Cap (General Steel)

9604



[Black] [White] [Gray] [Ivory]

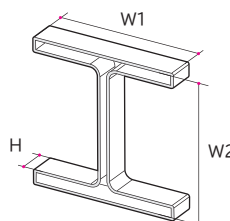
[Black]			[White]			[Gray]			[Ivory]			MSRP perPCS
Product No.	Size	W1xW2xDxH	Product No.	Size	Product No.	Size	Product No.	Size	Product No.	Size		
A30202-0125	125	125x65x6x40	B30202-0125	125	C30202-0125	125	D30202-0125	125			\$5.33	
A30202-150A	150A	150x75x6.5x50	B30202-150A	150A	C30202-150A	150A	D30202-150A	150A			\$7.50	
A30202-150B	150B	150x75x9x50	B30202-150B	150B	C30202-150B	150B	D30202-150B	150B			\$7.50	

H-Shaped Steel Cap

9605



[Black] [Gray] [Yellow]



H is the inset depth

[Black]			[Gray]			[Ivory]			MSRP perPCS
Product No.	Size	W1 x W2 x H	Product No.	Size	Product No.	Size	Product No.	Size	
A30215-0200	H200	200x200x50	C30215-0200	H200	E30215-0200	H200			\$20.00
A30215-0300	H300	300x300x50	C30215-0300	H300	E30215-0300	H300			\$28.33

Saving time in design work

2D/ 3D data can be downloaded from our website.

Please feel free to download for your design.

-Location-

AWJ website > Supports and Services > CAD data download

-Formats supported-

2D CAD DXF **3D CAD** x_t / iges / step

- Product available

EL Flat Series



Honeycomb Series



Marker Series



EL Cap Series



Data will be downloaded by the official site of NYK SYSTEMS.

EL Flat series, Flat U-bolt, Honeycomb spacer will be available in 2024.

[Notes for CAD data]

- The contents of CAD data are subject to change or revision without notice due to product improvement, consolidation, or other reasons.
- The copyright and ownership of the CAD data are owned by AWJ Co., Ltd.
- Not allowed to be altered, deleted, or otherwise modified without the prior consent of AWJ.
- Distribution, sale, or transfer of the CAD data is prohibited.
- The purposes of CAD data other than piping design is prohibited. No warranty of any accuracy of the data.
- We are not obligated to correct any errors or perform any other maintenance even if there are any deficiencies in the data.
- We shall not be liable for any direct or indirect damage or injury to third parties resulting from the data, reproduction, or distribution of this data, regardless of the legal basis, and shall not be liable for any compensation for damages.



AWJ Website



AWJ Direct shop



Facebook



Twitter



Instagram



YouTube

AWJ AWJ Co., Ltd.

Product tones may differ from the actual product due to the printing process.
Descriptions may change without prior announcement.

Apr/20/2024 Product Planning Department Rei Shimada
Please contact the following phone number for inquiries regarding catalog design.
TEL. +81-49-256-5110 FAX. +81-49-256-5108

Agent

Product specifications may change without prior announcement.
All rights reserved. Please do not reprint without permission.

AWJ AWJ Co., Ltd.

1187-1, Kamekubo, Fujimino, Saitama,
356-0051, Japan
TEL. +81-49-256-5155 FAX. +81-49-256-6101