No.500



Stylishly subtle hardware **highlights displays**





SUGATSUNE

Since 1930

Manufacturer of LAMP® brand products

Furniture & Architectural Hardware



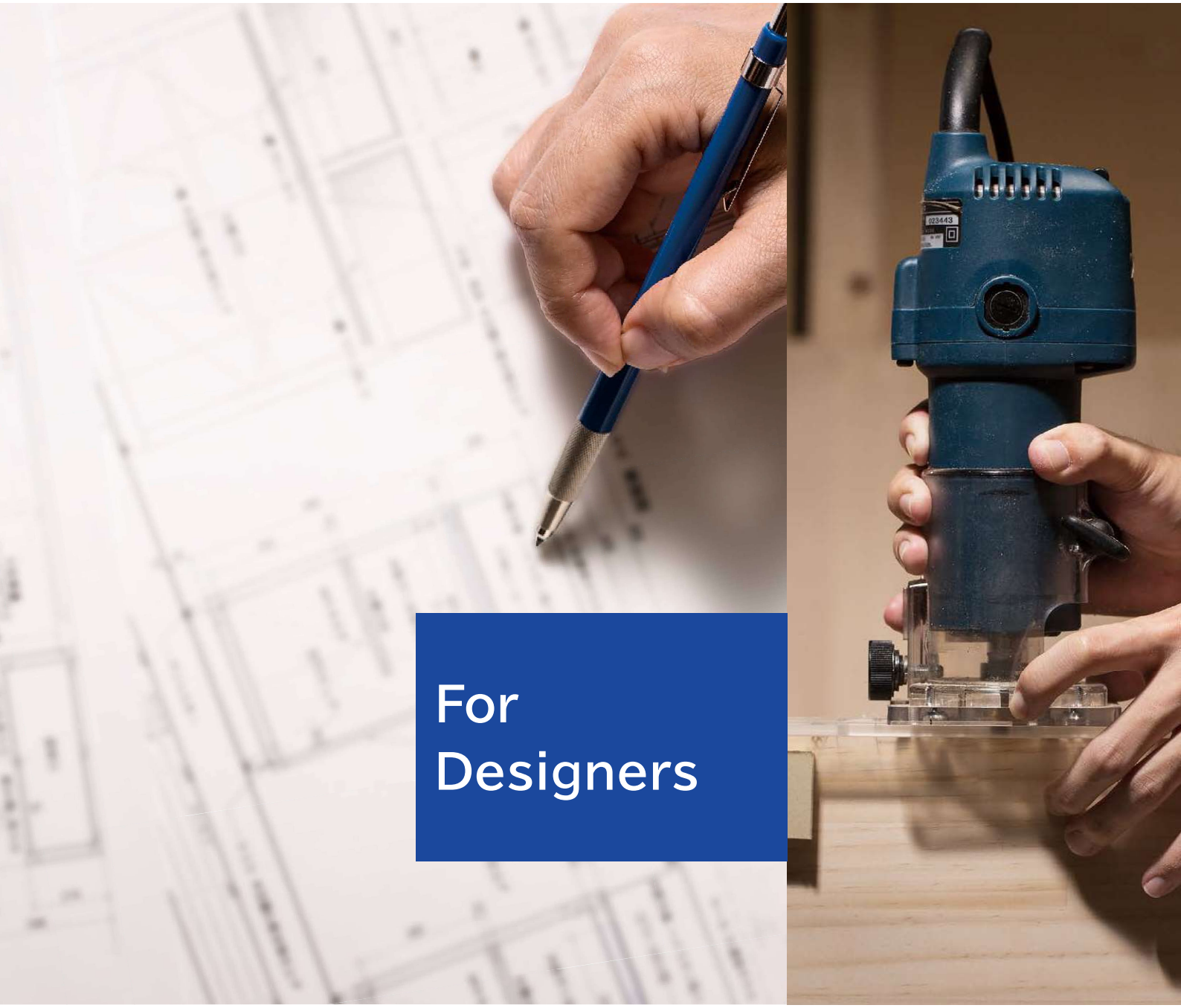
Hinges **integrated** with thin door frames





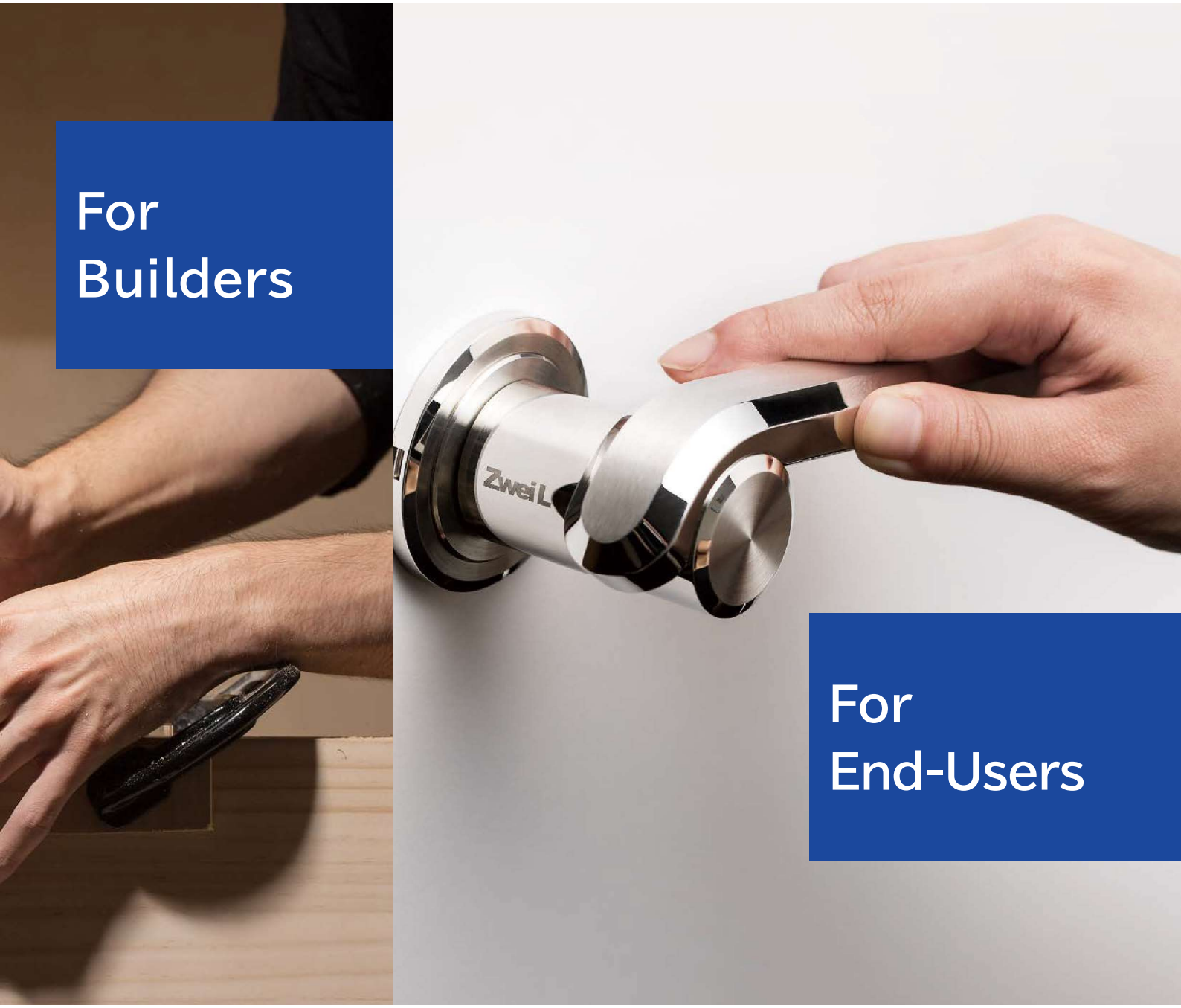
Innovation beyond expectation

Because Details Matter



For
Designers

Realising Your Vision with Diversity and Expertise



Sugatsune connects the ideas and aspirations of various people by expanding the potential of hardware and meticulously designing each product.
We meet the demands of furniture and architectural projects with unmatched functionality, quality, and service. Sugatsune' s unwavering dedication remains steadfast now and in the future.

LAMP®

High-Quality Products, Expertly Designed in Japan

September 2024

Enriching the meaning of “Manufacturing”

Product Development

The creativity and ability to create new products



Sugatsune recognises originality as a key component to creating products that are long time favourites in the market and that can also drive sales. With enhancing originality comes increasing difficulty to conceptualise and make original products. But by challenging these hurdles, a new and tailored market can be conceived.

Core Technology

A legacy of expertise



Sugatsune’s Motion Design Tec delivers specialised movements solutions such as “free stop motion,” “soft motion,” and “assist motion” for a better user experience. Cultivated over the decades, Sugatsune can provide highly original, reliable, and quality products with Motion Design Tec technologies worldwide.

Expanding Globally with Partners in Over 80 Countries

Please enquire about custom-made products!

- Finish change
- Dimension change
- Processing
- Function addition
- Specification change
- Development

Our Factory

Sugatsune has it's own exclusive factory and within its facilities is a development research centre specializing in motion design. It is here that Sugatsune's new and unique technologies emerge.



Design

Commitment to Functional Design



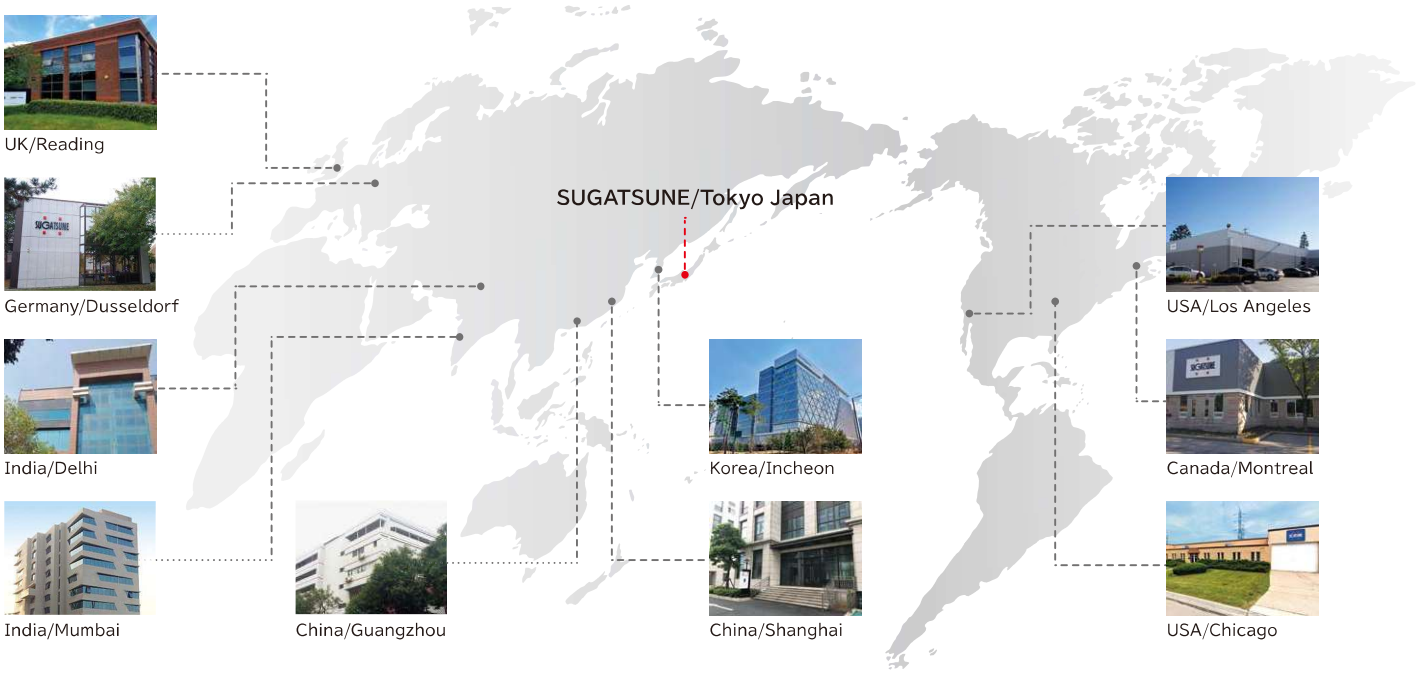
Design is no longer just about shape and colour. To deepen the meaning of "design," practicality and functionality have become integral elements in the Sugatsune manufacturing development process. Without ignoring the traditional design approach, resulting products undoubtedly possess a distinct visually appealing quality.

Product Variety

A product lineup to meet all needs



With over 30,000 products in its lineup, Sugatsune can quickly and accurately meet the needs of its customers. Moreover, support for specialised custom made items is also available.





Zwei Lichter

[Two Lights]

High precision polish, artfully sculpted shine

Flawless, distortion free lines. Stainless steel surfaces polished to the smoothness of a mirror juxtaposed seamlessly against a soft metallic satin finish creating a stately radiance.

Zwei L®



Exquisite Distortion-free Straight Lines

Beauty, lives in the finer details.

“The pursuit of the essential and the ideal” is Sugatsune Kogyo’s vow, given form in Zwei L.

With its dual gleams of light, premium interiors are enhanced with a lustrous glow.

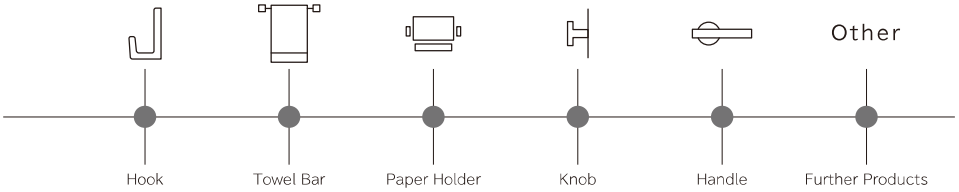








LINE UP





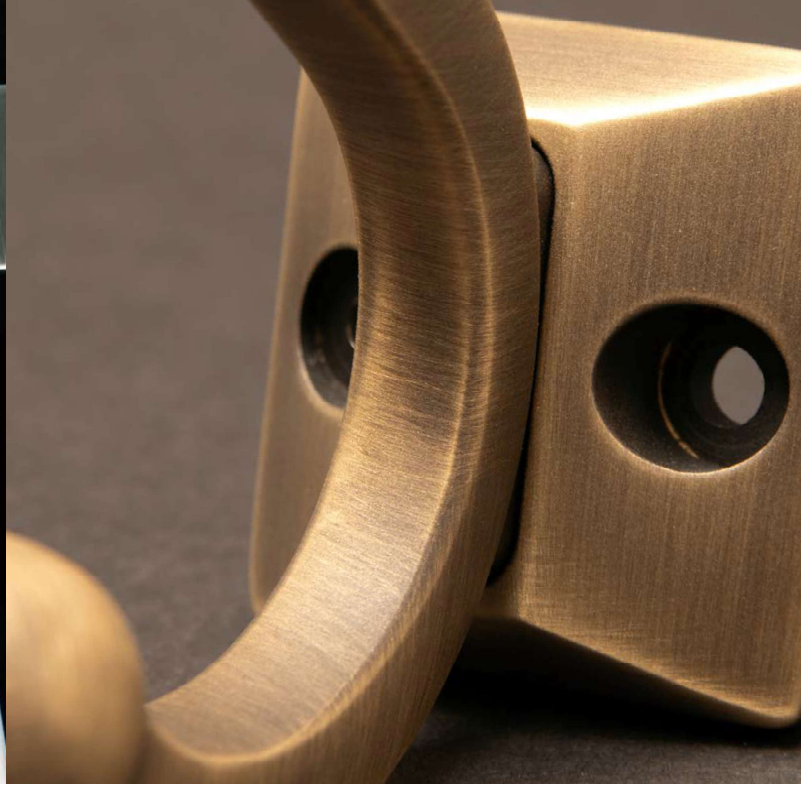
LAMP®

An original brand of Sugatsune quality

LAMP brand represents our answers to numerous manufacturing challenges and Sugatsune's commitment to quality and function is evident in the design, construction, material selection, finishing, and quality control of our products.







Confidence in our quality

Due to our “manufacturing by pursuing the ideal” strategy, which includes stringent quality control, a reliable testing system, and a dedication to exquisite finishes, you can use LAMP products with confidence for a long time. This ensures a consistent supply of goods of high calibre.

Specialised mechanisms

The components of LAMP are symbolised by their unique mechanisms, which are the outcome of our creative vision. By choosing the best mechanism for the project during the design phase, we maximise the potential of the components and produce a product of a quality that our clients can rely on.

The art of attention to detail

Design is an integral part of our hardware. With this in mind, we make no compromises with materials and finishes. Sugatsune’s dedication is demonstrated by the stunning finishes and exquisite craftsmanship of our products, which are like works of art.





MonoFlat UNISON MFU1200 Flush Sliding Door System





The MFU1200 Flush Sliding Door System by Sugatsune offers a sleek and integrated design, effortlessly blending with your wall for a concealed appearance. This system supports a maximum door mass of 70 kg and features a two-way damper, ensuring doors open and close smoothly and quietly, enhancing your space's luxurious feel.
Installation is straightforward with a minimal number of parts and no need for floor rail or groove processing. The door pushes open, eliminating the need for a handle on the front side, creating a perfectly flat surface when closed.

Seamlessly Blends with Any Interiors







No lower rail or grooving is required on the floor.

MonoFlat UNISON

Concealed Hinge The HES Series



The HES series offers superb hinges that are virtually invisible from the outside.
It discreetly enhances the beauty of doors without obstructing original designs.
Various interior styles look better with the HES hinges.
For example, the HES1F seamlessly integrates into door frames
and it enhances the overall aesthetic of interior spaces.

Enhance the Interior Space You Design







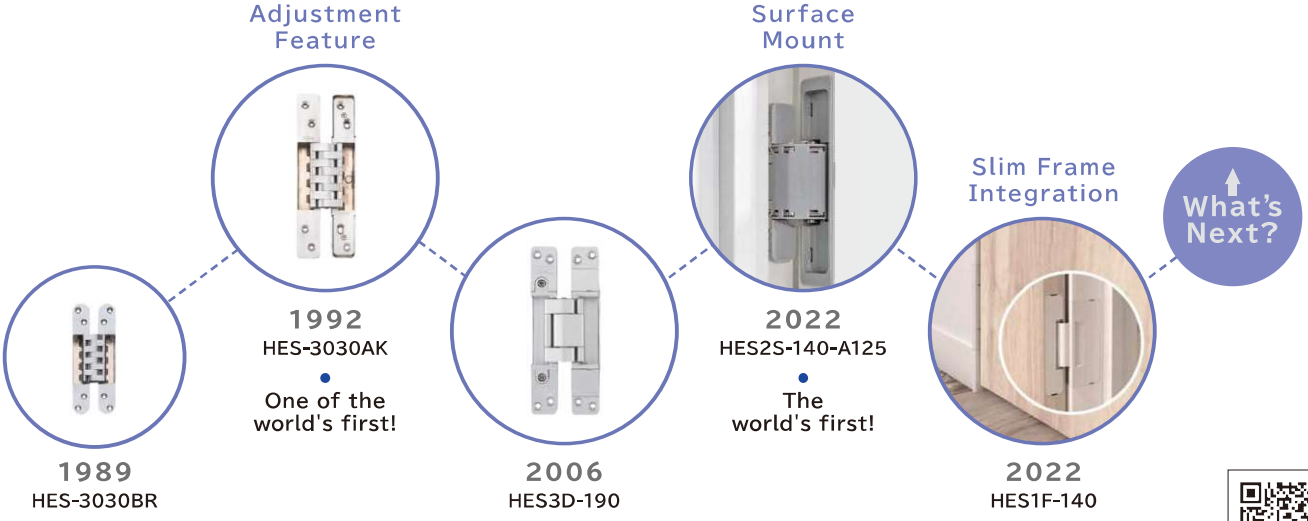
HES1F



HES2S



HES3D



HES Series Milestones at a Glance

MonoFlat LIN-X Hinge For Heavy Doors



When closed, the LIN-X Series doors seamlessly align with the wall, creating a clean and sophisticated space. This system can accommodate large doors with a width of up to 1100 mm and a weight of 90 kg. With a wide opening of 930 mm, it also allows for easy wheelchair access.

Elegant Flush Design for Compact & Functional Spaces

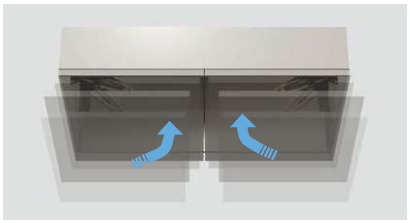
LAMP

Simple & High Quality-Design













MonoFlat LIN-X hinge

GS-G Series Glass Showcase Hardware




Silver


Gold


Black

Crafted with sleek, modern lines, this showcase hardware enhances your exhibited pieces without stealing the spotlight.



Premium Stainless Steel Solutions for Modern and Durable Design

Stainless steel products are favoured for all applications due to their modern finish, durability, and non-corrosive quality. This material is also known for being low-maintenance, making it easy to care for while offering great aesthetic appeal. Sugatsune offers a wide range of stainless steel products, from simple decorative hardware to complex functional hardware. Choose Sugatsune's quality stainless steel for a long-lasting, simple, and modern design.



SUGATSUNE HELP HUB

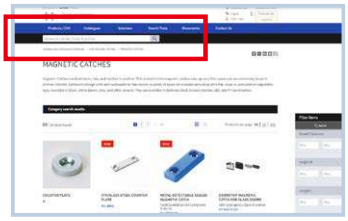
Build Better with Sugatsune!

Explore Our Comprehensive Support Resources

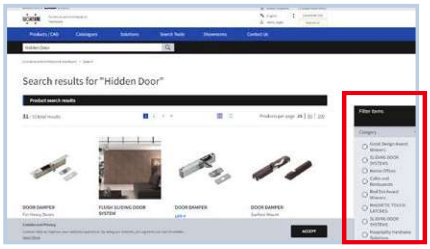


Keyword Search & Product Filters

Search for products by keyword and utilize our product filters. Access comprehensive information including our online catalogue, CAD data and instruction manuals!



Find relevant products with fuzzy search strings like "Hidden Door"!

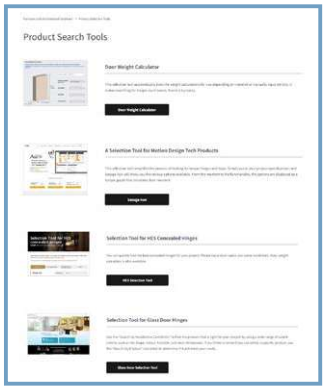


Filter by size, colour, or material as well!

Product Search Tools

The product search tools allow you to choose products tailored to your installation conditions, such as damper stays, damper hinges, torque hinges, torque stays, and more. With moment calculation and operation force simulation, you can easily identify the products that best meet your product requirements.

- Selection Tool for Motion Design Tech Products (Damper stays and hinges, Free stop hinges, etc.)
- Selection Tool for HES Concealed Hinges
- Selection Tool for Glass Door Hinges
- Selection Tool for Pocket Door System



Customer Solutions Case Studies

Our case studies introduce our products and demonstrate how they have been used to solve customer project issues.



Hardware Basics

Discover the basics of our products here. Learn about hinge and stay mechanisms, as well as the differences between various product types.



Official Sugatsune Global Channel

/@SugatsuneGlobal

Videos explain product characteristics and installation methods. Watching the product in action promotes deeper understanding.













F

HOOKS

These fittings are ideal for hanging or hooking objects. The extensive lineup includes long-selling stainless steel hooks known for their high durability and classic design.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

Selection Guide for Hooks

Select by Design

Standard Hooks

General type hooks. Everything from ceiling-mounted types to movable types.


ZL-2101
P.783


ZL-2102
P.783


ZL-2103
P.784


ZL-2104
P.784


ZL-2105
P.785


ZL-3401
P.785


PXB-BN05
P.786

NEW

PXB-BNS05
P.787


PXB-QC05-101
P.788


PXB-QC05-111
P.788


PXB-QL05-111
P.789


PXB-LE05-111
P.790


PXB-UM05-101
P.791

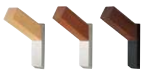

PXB-UM05-101-Q1
P.791

NEW

PXB-CM05-101
P.792

NEW

PXB-LM05-111
P.792


PXB-WM05-111
P.793


PXB-WC05-111
P.794


PXB-AB05
P.795


PXB-AC05-111
P.795


PXB-AS05-111
P.796


PXB-GN05-111
P.796


PXB-GN05-101
P.797


PXB-GR05-111
P.800


PXB-GR05-211
P.800


PXB-GR05-212
P.801

NEW

PXB-GP05-101
P.802


HK-CM40
P.802


SSF-10
P.803


HK-DF
P.803


HK-FH
P.804


MBF240
P.804


SW-B-75
P.805


SW-B-140
P.805


SW-B-90
P.806


SW-B-180
P.806


SW-G-40
P.807


TY
P.808


TF
P.808


TL
P.808

HJ
P.809

HJU
P.809

NEW

DFHK-RWS60
P.810

NEW

DFHK-RWD60
P.810

NEW

DFHK-RWT60
P.810

NEW

DFHK-RWTD60
P.811

NEW

DFHK-SQ30
P.811

UC
P.812

UJ
P.812

RF-50S
P.812

RF-U50
P.813

TK, TKF
P.813

TK-W-45F
P.814

TZ-360
P.814

DZ-270
P.815

XL-JSF40
P.815

RF-D35
P.815

TA3
P.816

EL
P.816

EP
P.816

EW
P.817

HK-RH
P.817

C
P.817

PF
P.818

Standard Hooks

General type hooks. Everything from ceiling-mounted types to movable types.



FC
P.818



KB-F-70
P.819



KB-F-75
P.819



RI-074
P.819



RB-102
P.820



RN-50
P.820



2H
P.820



4H
P.821



5H
P.821



4HJU-40M
P.822



5HJU-60M
P.822



XL-HJT
P.823



HJT
P.823



XL-SF
P.823

NEW



XL-SF-L, XL-SF-LL
P.824



HK-LB
P.824



EU
P.825



KB-H
P.825



XL-CUJ
P.826



DS-H
P.826



JF2B-40M
P.827



JF2B-55M
P.827



JF1B
P.828



XL-SB
P.828



HK-AJ100
P.829



HK-AJ180
P.829

NEW



DFHK-BJ
P.830

NEW



DFHK-BJL
P.830



JF-T45, JF-T70, JF-T100
P.831



HK-TS
P.832



HK-TT
P.832



JF45M, JF70M, JF110M
P.833



JF50M, JF80M, JF120M
P.833



JFT180M, JFT260M
P.834



XL-CUF
P.834

Magnetic Hooks

These hooks are attached with magnets.



PXB-GN05M-101
P.798



MJ-30
P.799



MJ-45
P.799

Hooks for Glass

These hooks are for mounting on glass.



HK-DF-G
P.835

Doorstop Hooks

These hooks include door stoppers.

NEW



HT-100N
P.835

Latch Hooks

Part of the loop is movable, so that things can be hooked on it. Because the movable part closes when in use, the hooked objects are unlikely to fall off.

EN-E107
P.836

EN-K
P.836

EN-R80-K
P.837

EN-R80
P.837

EN-R100F
P.838

JN-T100
P.838

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

Select by Design

Recessed Hooks

Because the hook part is recessed when not in use, the hook stays cleanly out of the way.



NF-R
P.839



NF-K
P.840



NF-60
P.841



NF-60D
P.841



NF-47D
P.842

NEW



NF-45D
P.843



NF-50
P.844



NF-50D
P.844



NF-47DB
P.844

NEW



NF-45DB
P.844



HK-CH35
P.845

NEW



HK-CS30
P.846

Panel Hangers

These hanging fittings can be used for panels, etc.

NEW



AUH
P.847

NEW



AUH-C70
P.847

NEW



AUH-H
P.848



SP
P.849



AP
P.849

Towel Bars



ZL-3202
P.850



ZL-3203
P.850



PXB-WM06
P.851



PXB-UM06-450
P.851



PXB-UM06-450-Q1
P.852



PXB-AC06-450
P.852

NEW



TW-585
P.853



KB-T
P.853



ZL-3201
P.854



ZL-3204
P.854



ZL-3205
P.855



PXB-AS06-160
P.855

Toilet Paper Holders



ZL-3301
P.856



PXB-AC07-111
P.856



PXB-AS07-111
P.857

Slipper Holders

NEW



DFUB-S250
P.858

NEW



DFUB-W250
P.858

Other

Usable with either wall or ceiling mounting.



EY-R
P.857

Extensive Size Options



Zwei L Series

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Zwei L® High precision polish, artfully sculpted shine



STAINLESS STEEL HANDLE ZL-2001 (P.1029)



STAINLESS STEEL TOWEL BAR ZL-3201 (P.854)



STAINLESS STEEL TOWEL BAR ZL-3205 (P.855)



STAINLESS STEEL LEVER BOLT ZL-2402 (P.411)



STAINLESS STEEL HOOK ZL-2103 (P.784)



STAINLESS STEEL KNOB ZL-1906 (P.1111)

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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Zwei L STAINLESS STEEL HOOK ZL-2101

Latest Info

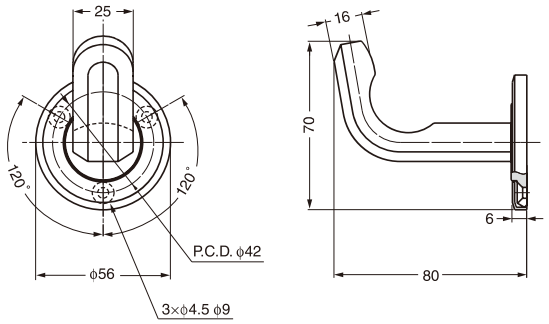


Concept

- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with an anchor plug, allowing for installation into hard surfaces like concrete or tile.
- Designed so that installation screw is not visible after installation

SCREW SUS316

Parts Included
- Countersunk head wood screw 4.1 × 32 (SUS)
- Plug



Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box
110-020-400	ZL-2101	Stainless Steel (SUS316)	Zwei L Finish	359 N	37 kgf	413 g	1 pc

Zwei L STAINLESS STEEL HOOK ZL-2102

Latest Info

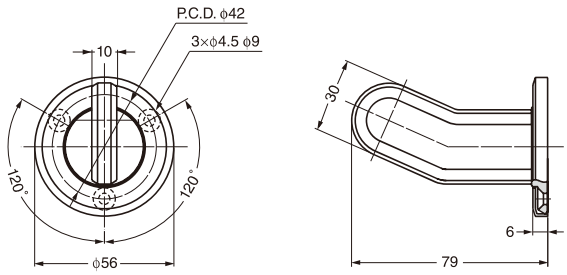


Concept

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SCREW SUS316

Parts Included
- Countersunk head wood screw 4.1 × 32 (SUS)
- Plug



Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box
110-020-401	ZL-2102	Stainless Steel (SUS316)	Zwei L Finish	294 N	30 kgf	450 g	1 pc

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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Zwei L. STAINLESS STEEL HOOK ZL-2103

Latest Info



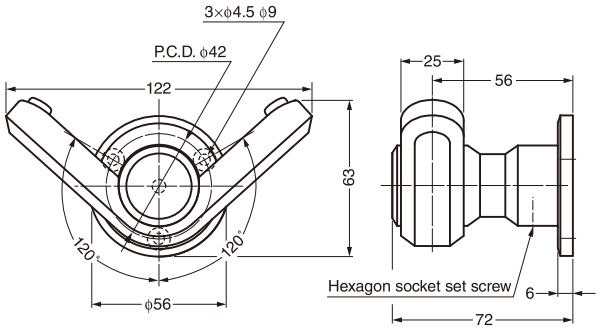
Concept

- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with a plug, allowing for installation into hard surfaces like concrete
- Designed so that installation screw is not visible after installation

SCREW SUS316

Parts Included

- Countersunk head wood screw 4.1 × 32 (SUS)
- Plug
- Hex key



Item Code	Item Name	Material	Finish	Weight	Box
110-020-412	ZL-2103	Stainless Steel (SUS316)	Zwei L Finish	841 g	1 pc

Zwei L. STAINLESS STEEL HOOK ZL-2104

Latest Info



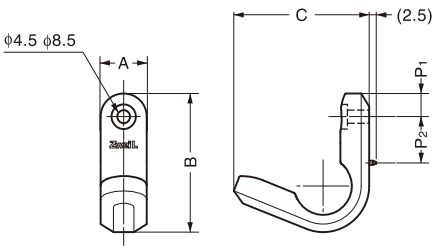
Concept

- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with a plug, allowing for installation into hard surfaces like concrete

SCREW SUS316

Parts Included

- Pin
- Countersunk head wood screw 4.1 × 32 (SUS)
- Plug



Item Code	Item Name	Material	Finish	A	B	C	P_1	P_2	Load Capacity		Weight	Box
110-022-199	ZL-2104-10	Stainless Steel (SUS316)	Zwei L Finish	10	29	29	5	7	160 N	16.3 kgf	63 g	1 pc
110-022-200	ZL-2104-16	Stainless Steel (SUS316)	Zwei L Finish	16	47	47	8	10	475 N	48.4 kgf	114 g	1 pc

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
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Zwei L STAINLESS STEEL HOOK ZL-2105

Latest Info



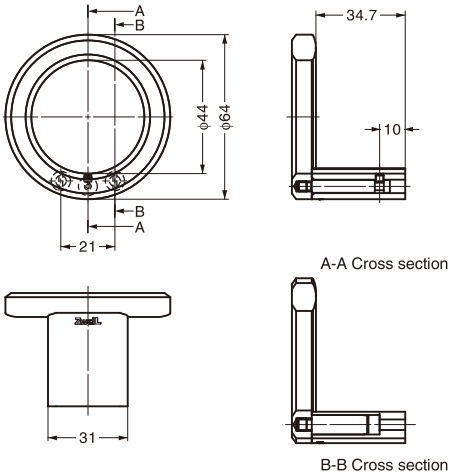
Concept

- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Knobs with similar designs: ZL-1909 and ZL-1910. Towel ring with similar design: ZL-3205.
- Comes with an anchor plug, allowing for installation into hard surfaces like concrete or tile.

SCREW | SUS316

Parts Included

- Pan head tapping screw 4×50 (SUS)
- Anchor plug (for wood screw 4.1 ϕ6 mm hole)
- Hex key



Item Code	Item Name	Material	Load Capacity		Finish	Weight	Box
110-022-198	ZL-2105	Stainless Steel (SUS316)	150N	15.3kgf	Zwei L Finish	271 g	1 pc

Zwei L STAINLESS STEEL HOOK ZL-3401

Latest Info



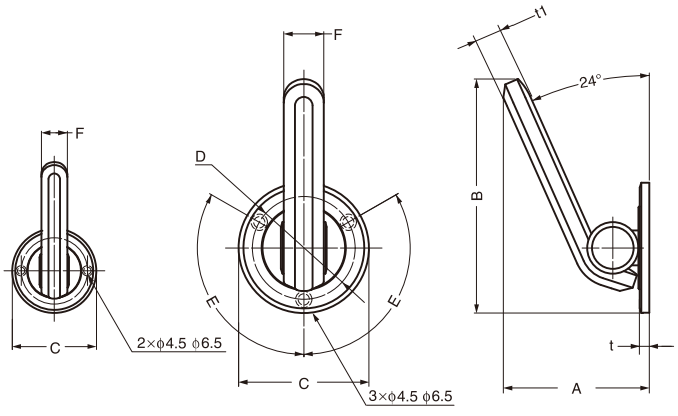
Concept

- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with an anchor plug, allowing for installation into hard surfaces like concrete or tile.

SCREW | SUS316

Parts Included

- Countersunk head tapping screw 4×30 (SUS)
- Anchor plug (for wood screw 4.1 ϕ6 mm hole)



ZL-3401-10

ZL-3401-16
ZL-3401-25

Item Code	Item Name	Material	Finish	A	B	C	D	E	F	t	t_1	Load Capacity		Weight	Box
110-021-835	ZL-3401-10	Stainless Steel (SUS316)	Zwei L Finish	36.7	60	37	24.5	90°	10	3.8	6	200 N	20.4 kgf	104 g	1 pc
110-021-836	ZL-3401-16	Stainless Steel (SUS316)	Zwei L Finish	58	93	52	41	120°	16	3.8	10	300 N	30.6 kgf	280 g	1 pc
110-021-837	ZL-3401-25	Stainless Steel (SUS316)	Zwei L Finish	91	145	80	65		25	6	16	400 N	40.8 kgf	909 g	1 pc

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP BRASS DOUBLE HOOK (BRASS NOUVEAU SERIES) PXB-BN05

Latest Info



A design which grows thicker as it approaches its end points. Built with a thick and luxurious amount of brass. A design which harmonizes both classical and modernist styles.

- The hooking end points are spherical, making it safer to use and decreasing the possibility of accidental injury.
- Meticulously manufactured to be very strong but appear delicate.

TEST METHOD 19 | SCREW

Remarks

- The finish of the product may vary as the surface processing is affected by the individual properties of the material.
- Enjoy the unique style of your own product.

Parts Included

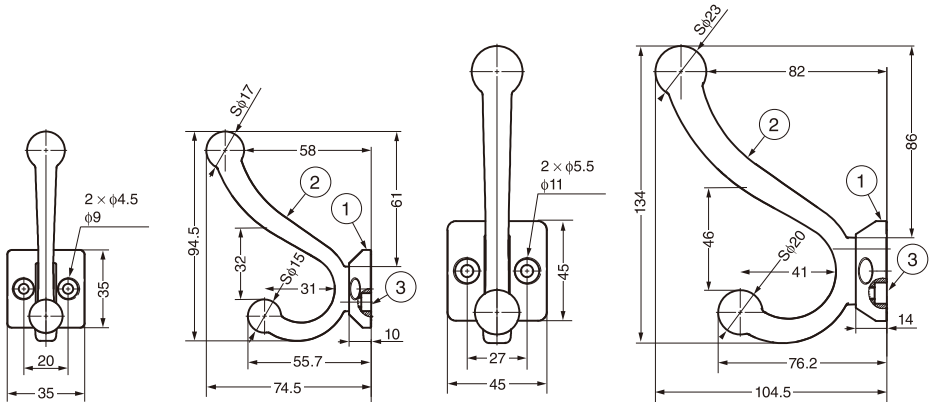
- PXB-BN05-211: Size 4 x 20 cross-recessed pan head tapping screws
- PXB-BN05-231: Size 5 x 25 cross-recessed pan head tapping screws

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

Variations



Blasted Metal | Polished Brass | Satin Brass | Antique Brass | Matte Black



PXB-BN05-211 PXB-BN05-231

No.	Part Name	Material
①	Base	Brass
②	Arm	
③	Hex Socket Bolts	Steel

Item Code	Item Name	Material	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)
110-043-564	PXB-BN05-211-BM	Brass	Nickel Plating / Blasted Metal	83	8.5	165
110-043-565	PXB-BN05-211-PB		Polished / Polished Brass			
110-043-566	PXB-BN05-211-SB		Satin Finish / Satin Brass			
110-043-567	PXB-BN05-211-AB		Antique Brass Plating / Antique Brass			
110-043-568	*PXB-BN05-211-BL		Coating / Matte Black			
110-043-582	PXB-BN05-231-BM		Nickel Plating / Blasted Metal	147	15	415
110-043-583	PXB-BN05-231-PB		Polished / Polished Brass			
110-043-584	PXB-BN05-231-SB		Satin Finish / Satin Brass			
110-043-585	PXB-BN05-231-AB		Antique Brass Plating / Antique Brass			
110-043-586	*PXB-BN05-231-BL		Coating/ Matte Black			

*The "matte black" will be "black" when the current stock runs out.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP BRASS SWING DOUBLE HOOK PXB-BNS05 Brass Nouveau Series NEW

Latest Info



A solid, elegant brass hook with a swing function.

Harmonizes beautifully with both modern and classic interiors.

TEST METHOD 19 | SCREW

Specifications

- The hook part swings 180°. The friction feature provides constant torque preventing unintentional swinging due to vibration.
- Because the arm can be folded to the side, it is unobtrusive when not in use and will not get in the way.
- The hook tip is spherical so it is less likely to cause injury.
- Combines reliable strength with delicate design.

Parts Included

- Cross-recessed pan head tapping screws 6×25

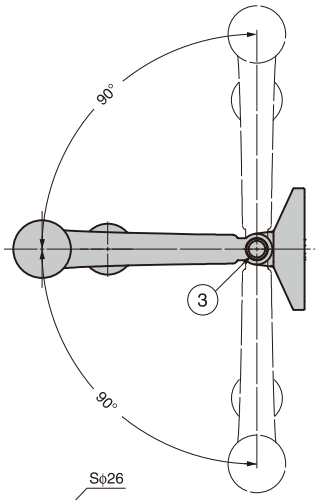
Remarks

- There may be some variation in the products finish due to characteristics of its material.

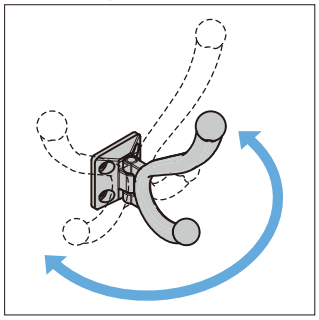
Variations

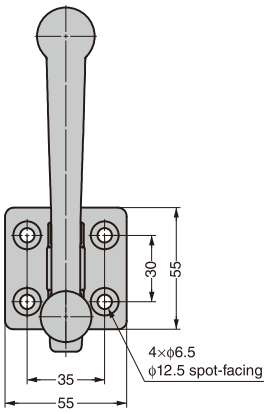


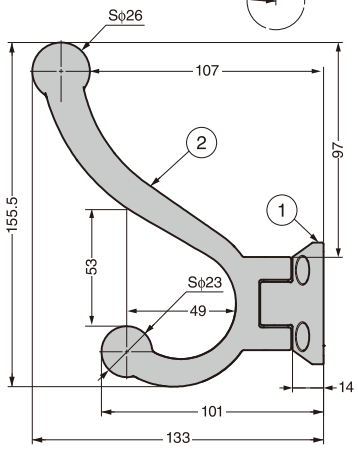
Polished Brass | Satin Brass | Antique Brass | Matte Black



180° Swing







No.	Part Name	Material
①	Base	Brass
②	Arm	
③	Shaft	Stainless Steel (SUS304)

Item Code	Item Name	Material	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight g	Box (pcs)
110-048-802	PXB-BNS05-241-PB	Brass	Mirror Finish/Polished Brass	147	15	680	1
110-048-803	PXB-BNS05-241-SB		Satin/Satin Brass				1
110-048-804	PXB-BNS05-241-AB		Brass Patina Plating/Antique Brass				1
110-048-805	*PXB-BNS05-241-BL		Coating/Matte Black				1

* The "matte black" will be "black" when the current stock runs out.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. BALL HOOK PXB-QC05-101

Latest Info

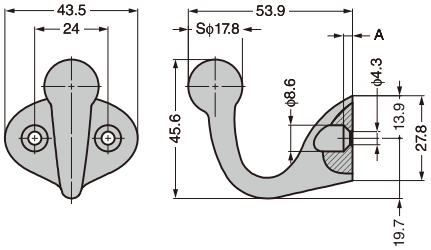


- Rounded design is safe with no sharp corners.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 19

Parts Included

- Size 4 x 25 cross-recessed round flat head tapping screws



Variations



Polished | Chrome | Gold | Matte Black

Item Code	Item Name	Material	Finish/Colour	A	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-037-958	PXB-QC05-101-CR	Zinc Alloy (ZDC)	Chrome Plating	4.7	80	8.2	83	15	90
110-037-959	PXB-QC05-101-GP		24K Gold Plating					15	90
110-037-960	PXB-QC05-101-BL		Chromate Finish/Matte Black					15	90
110-037-961	PXB-QC05-101-M	Stainless Steel (SCS13)	Polished	3	150	15.3	100	10	100

*SCS13 is a cast steel material similar to SUS304.

LAMP. BALL HOOK PXB-QC05-111

Latest Info



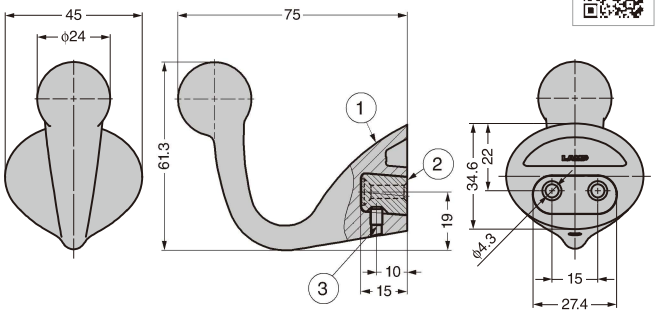
- Mounting screws are not visible, giving a seamless look.
- Rounded design is safe with no sharp corners.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 19

Installation

Parts Included

- Size 4 x 32 cross-recessed flat head tapping screws



Variations



Chrome | Gold | Matte Black

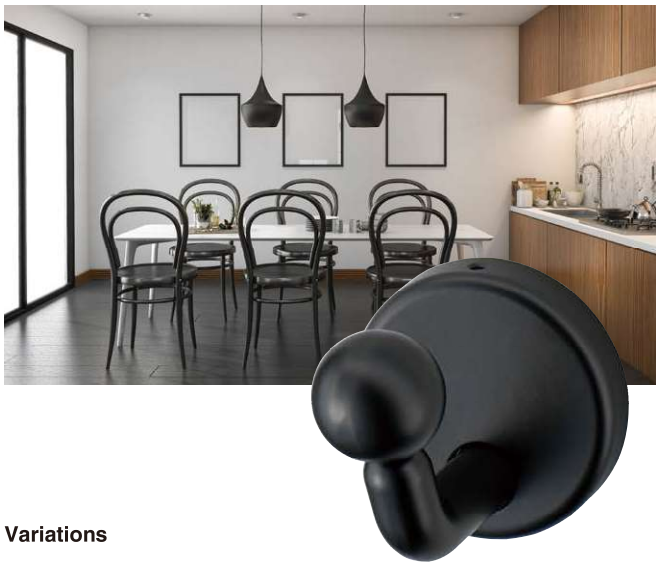
No.	Part Name	Material
①	Main Body	Zinc Alloy (ZDC)
②	Frame	
③	Hexagon Socket Set Screws	Stainless Steel

Item Code	Item Name	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-037-962	PXB-QC05-111-CR	Chrome Plating	100	10.2	198	8	48
110-037-963	PXB-QC05-111-GP	24K Gold Plating				8	48
110-037-964	PXB-QC05-111-BL	Chromate Finish/Matte Black				8	48

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP BALL HOOK PXB-QL05-111

Latest Info



A curved hook with a ball end. The appearance looks almost as if the ball is gently floating at the end, giving a warm feeling to your interior.

- Mounting screws are not visible, giving a seamless look.
- Rounded design is safe with no sharp corners.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 4

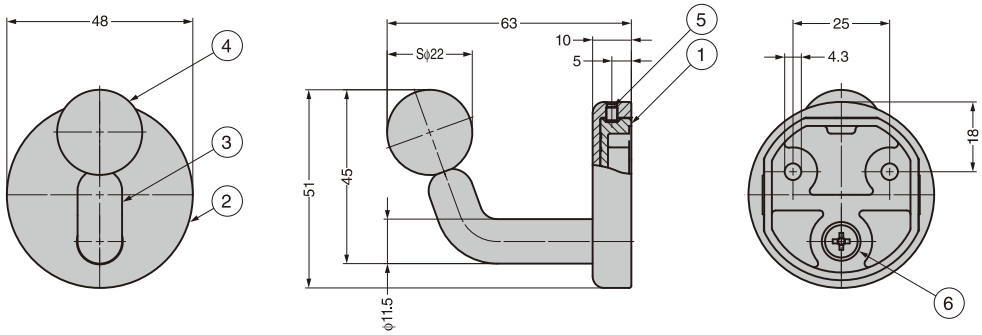
Installation

Parts Included
- Size 4 x 32 cross-recessed flat head tapping screws

Variations



Chrome Gold Black



No.	Part Name	Material	Finish
①	Base	Zinc Alloy (ZDC)	Trivalent Chromate Finish
②	Base Cover		See the table
③	Arm		
④	Ball		
⑤	Hexagon Socket Set Screws	Steel	Trivalent Chromate Finish
⑥	Cross-Recessed Flat Head Screws		

Item Code	Item Name	Material	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)
110-037-955	PXB-QL05-111-CR	Zinc Alloy (ZDC)	Chrome Plating	100	10.2	160	8
110-037-956	PXB-QL05-111-GP		24K Gold Plating				8
110-037-957	PXB-QL05-111-BL		Chromate Finish/Matte Black				8

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP HOOK (LEATHER CHIC SERIES) PXB-LE05-111

Latest Info



The contrast between the leather colour and texture and its metal base produce a versatile and stylish modern appearance. While retaining its luxurious feeling, compared to real leather, it is resistant to water damage and dirt allowing it to be used in many different ways.

- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 19

Installation

Remarks

- Product colour may differ from the photo. Please confirm the grain and colour by comparing with the actual product.

Parts Included

- Size 4 x 55 cross-recessed pan head tapping screws
- Plug (for ϕ4 screw, compatible with ϕ6 drill)
- Nominal 2 hex bar spanner

Variations



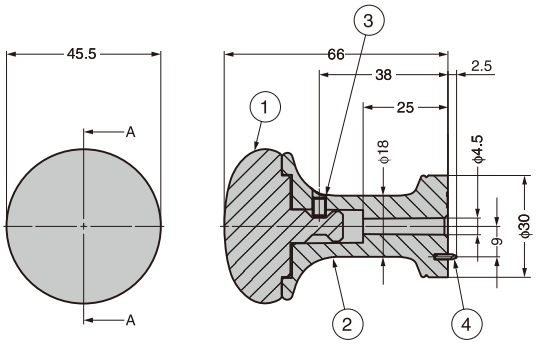
Tan



Brown



Black



Cross-section View A-A

No.	Part Name	Material
①	Head	Zinc Alloy (ZDC)
②	Plate	
③	Size M4 x 6 Hexagon Socket Set Screws	Stainless Steel (SUS304)
④	Sharp Pins	Stainless Steel (SUS316)

Item Code	Item Name	Finish/Colour (Head)	Finish (Plate)	Load Capacity N	Load Capacity kgf	Weight (g)
110-034-506	PXB-LE05-111-TN	Special Leather Grain Coating/Tan	Brass Plating/Patina	110	11.2	267
110-034-507	PXB-LE05-111-BR	Special Leather Grain Coating/Brown	Chromate Finish/Matte Black			
110-034-508	PXB-LE05-111-BL	Special Leather Grain Coating/Black	Chrome Plating			

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP COAT HOOK (URBAN METAL SERIES) PXB-UM05-101

Latest Info



Plain Black

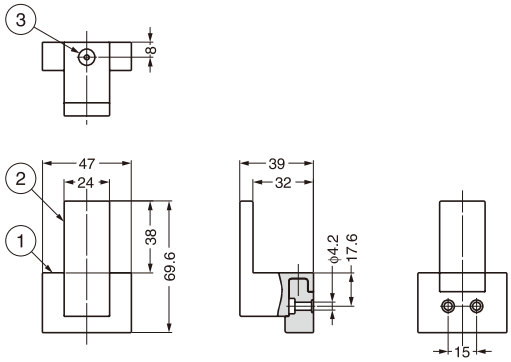


- A deceptively simple design emphasizing modern urban sensibilities. The edges have been gently rounded and the surface has been carefully and delicately processed.
- Metal core provides durability and high load capacity.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.
- A wide array of matching products are available, allowing for total design coordination.

TEST METHOD 4 SCREW

Installation

Parts Included
- Pan head tapping screw 4×32
- Hexagon socket countersunk head screw M4×8



No.	Part Name	Material	Finish
①	Base	Aluminium	Anodized
②	Arm	Aluminium	Anodized
③	Socket Screw	Stainless Steel	Painting

Item Code	Item Name	Colour	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-033-272	PXB-UM05-101-ST	Plain	98 N	10 kgf	112	8	80
110-033-273	PXB-UM05-101-BL	Black			112	8	80

LAMP COAT HOOK (URBAN METAL/QUEST SERIES) PXB-UM05-101-Q1

Latest Info



Black Gold

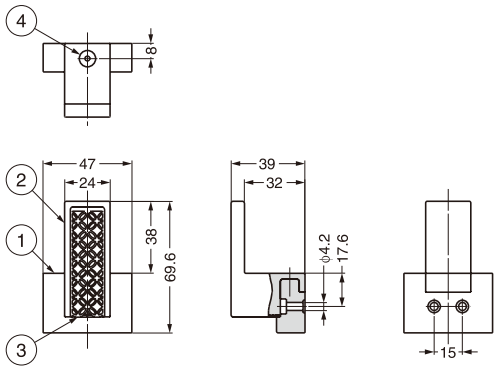


- A lattice pattern that combines both modern and classic elements into a seamless design and finish. The resulting ambience is both precise and 3 dimensional, bestowing a graceful beauty on its surroundings.
- A wide array of matching products are available, allowing for total design coordination.
- Possible to do custom logo engravements. Please contact us for more information.

TEST METHOD 4 SCREW

Installation

Parts Included
- Pan head tapping screw 4×32
- Hexagon socket countersunk head screw M4×8



No.	Part Name	Material	Finish
①	Base	Aluminium	Shot Blast, Anodized
②	Arm	Aluminium	Shot Blast, Anodized
③	Plate	Brass	As below
④	Screw	Stainless Steel	Painting

Item Code	Item Name	Colour (Arm/Base)	Finish/Colour (Plate)	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-033-275	PXB-UM05-101-Q1-BL	Black	Black Nickel/Black	98 N	10 kgf	114	8	80
110-033-276	PXB-UM05-101-Q1-GL	Gold	Gold			114	8	80

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP HOOK PXB-CM05-101 City Metal NEW

Latest Info



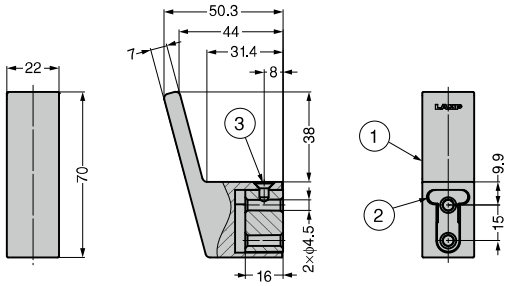


The hook's sloped shape, rounded edges, and smooth finish provide easy hanging and aesthetic appeal.

TEST METHOD 19 | SCREW

Specifications
- While the design is based on straight lines, the corners are rounded for safety.

Parts Included
- Bind head tapping screws 4×45 (stainless steel)
- Hex key nominal 2.5



No.	Part Name	Material
①	Body	Aluminium Alloy
②	Fastener Plate	Zinc Alloy (ZDC)
③	Hex socket countersunk head screw M4×6	Stainless Steel (SUS304)

Item Code	Item Name	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-055-346	PXB-CM05-101-ST	Anodised/Stainless Steel Style	200	20.4	90	–	–
110-055-347	PXB-CM05-101-BL	Anodised/Matte Black				–	–

LAMP HOOK PXB-LM05-111 Land Metal NEW

Latest Info



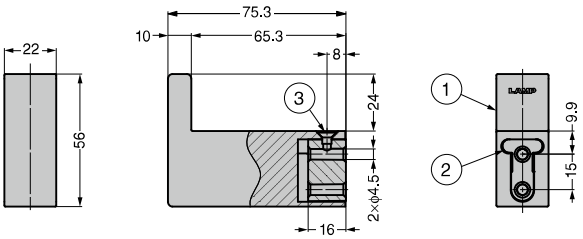


The hook's depth prevents thick towels or coats from rubbing against the wall, while its rounded edges and smooth finish enhance aesthetic appeal.

TEST METHOD 19 | SCREW

Specifications
- While the design is based on straight lines, the corners are rounded for safety.

Parts Included
- Bind head tapping screws 4×45 (stainless steel)
- Hex key nominal 2.5



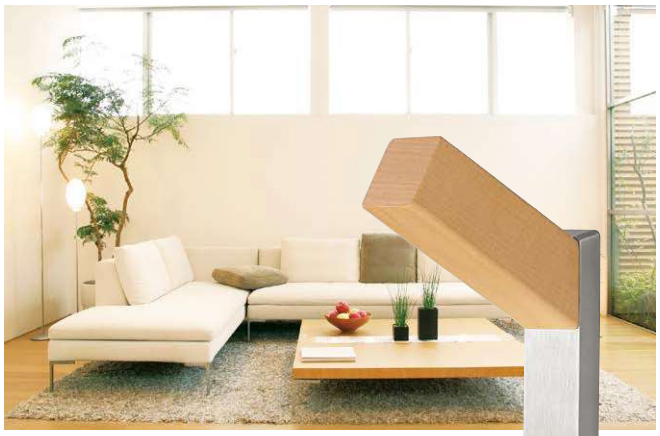
No.	Part Name	Material
①	Body	Aluminium Alloy
②	Fastener Plate	Zinc Alloy (ZDC)
③	Hex socket countersunk head screw M4×6	Stainless Steel (SUS304)

Item Code	Item Name	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-055-348	PXB-LM05-111-ST	Anodised/Stainless Steel Style	100	10.2	161	–	–
110-055-349	PXB-LM05-111-BL	Anodised/Matte Black				–	–

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP COAT HOOK (PREMIUM WOOD SERIES) PXB-WM05-111

Latest Info



Variations



White Birch　Ostrya Japonica　Wallnut

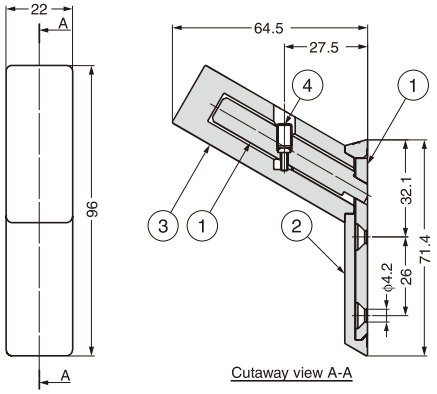
- Meticulously selected materials are hand processed to create this hook The defined lines of the metal contrast with the warmth of natural wood to create a visually appealing linear design.

TEST METHOD 4　SCREW

Installation

Parts Included

- Countersunk head tapping screw 4×32
- Hexagon socket set screw M5×8
- Pan head screw M2.3×6



Cutaway view A-A

No.	Part Name	Material	Finish
①	Base	Steel (SS)	Nickel
②	Base Cover	Zinc Alloy (ZDC)	As below
③	Arm	Wood	Clear
④	Screw	-	Plain

Item Code	Item Name	Material (Arm)	Finish/Colour (Base Cover)	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-033-318	PXB-WM05-111-MK	White Birch	Plain	100 N	10.2 kgf	125	8	32
110-033-317	PXB-WM05-111-AS	Ostrya Japonica				121	8	32
110-033-316	PXB-WM05-111-WN	Wallnut	Black			124	8	32

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. HOOK (WOOD CHIC SERIES) PXB-WC05-111

Latest Info





The curved lines at the base give the natural wood a luxurious, mature atmosphere. This simple, versatile design works well in both natural and modern spaces.

- Made from carefully selected wood and finished by hand.
- Base is made from metal for a high loading capacity.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 1

Installation

Remarks

- Product is made from natural wood, and final products may vary in terms of grain and colour.
- Product colour may differ from the photo. Please confirm the grain and colour by comparing with the actual product.

Parts Included

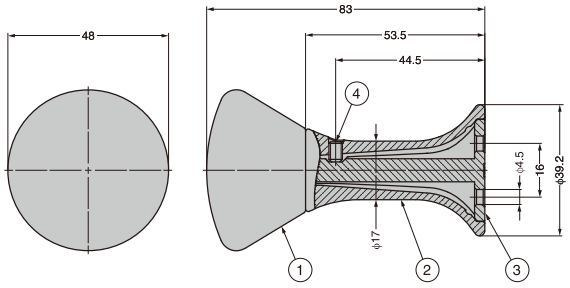
- Size 4 x 35 cross-recessed binding head tapping screws (stainless steel)
- Nominal 2 hex bar spanner
- Lock plug (for ϕ4 screw, compatible with ϕ5 drill, plug length 25)

Variations


Hard Maple


Cherry


Walnut



*Align the set screws of the plate with the notches of the frame when mounting.

No.	Part Name	Material	Finish
①	Wooden Part	Natural wood	Clear Coating
②	Plate	Zinc Alloy (ZDC)	See the table
③	Frame		Gloss Chromate Finish
④	Size M4 x 6 Hexagon Socket Set Screws	Stainless Steel	Plain

Item Code	Item Name	Material (Wooden Part)	Finish/Colour (Plate)	Load Capacity N	Load Capacity kgf	Weight (g)
110-037-137	PXB-WC05-111-HM	Hard Maple	Dull Nickel Plating	100	10.2	159
110-037-138	PXB-WC05-111-CH	Cherry	Brass Plating/Vintage Look			157
110-037-139	PXB-WC05-111-WN	Walnut	Chromate Finish/Matte Black			156

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP HOOK (AGED BASE SERIES) PXB-AB05

Latest Info



Black Bronze　　Brown Bronze



Generous amounts of brass cast into a nostalgic and rugged finish.

- Slotted front installation screws, influenced by old-fashioned American interiors.

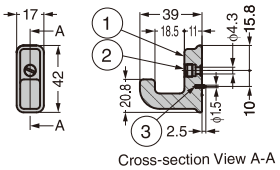
TEST METHOD 19

Remarks

- The finish of the product may vary as the surface processing is affected by the individual properties of each section of brass.
- The slotted set screws are for decoration only. Use the included screws to mount this product.

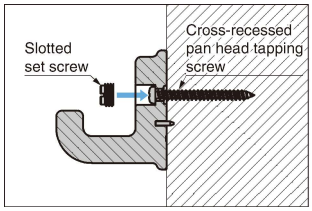
Parts Included

- PXB-AB05-101: Cross-recessed pan head tapping screws, nominal 3.5 x 30, lock plug
- PXB-AB05-111: Cross-recessed pan head tapping screws, nominal 3.5 x 35, lock plug

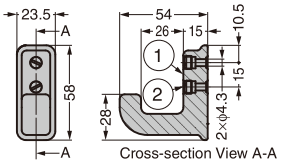


Cross-section View A-A
PXB-AB05-101

Installation Method



Installation



Cross-section View A-A
PXB-AB05-111

No.	Part Name	Material
①	Hook	Brass
②	Size M8 x 4.5 Slotted Set Screws	
③	Sharp Pins φ1.5 x 6.5	Stainless Steel (SUS316)

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-034-509	PXB-AB05-101-BL	Black Bronze	100	10.2	79	1	12
110-034-510	PXB-AB05-101-BR	Brown Bronze				1	12
110-034-511	PXB-AB05-111-BL	Black Bronze			210	1	12
110-034-512	PXB-AB05-111-BR	Brown Bronze				1	12

LAMP HOOK (AGED CAST SERIES) PXB-AC05-111

Latest Info



Black Bronze　　Brown Bronze



Generous amounts of brass cast into a nostalgic and rugged finish. A design that is both substantial and reliable and will continue to retain its allure.

- A wide array of matching products is available, allowing for total design coordination.

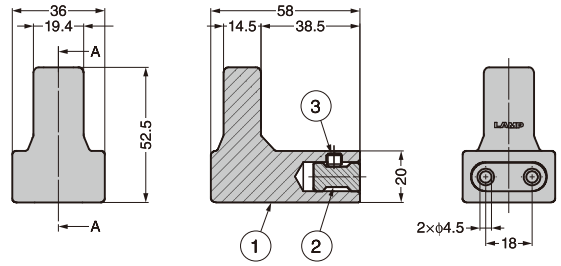
TEST METHOD 19

Remarks

- The finish of the product may vary as the surface processing is affected by the individual properties of each section of brass.

Parts Included

- Nominal 4 x 50 cross-recessed pan head tapping screws
- Size M4 plain washers
- Lock plug



Cross-section View A-A

No.	Part Name	Material	Finish/Colour
①	Main Body	Brass	See the table
②	Frame		Chromate Finish
③	Size M6 x 5 Hexagon Socket Set Screws	Steel	Black Chromate Finish (Trivalent)

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-033-718	PXB-AC05-111-BL	Black Bronze	200	20.4	338	1	12
110-033-719	PXB-AC05-111-BR	Brown Bronze				1	12

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP. HOOK (AGED SCREW SERIES) PXB-AS05-111

Latest Info

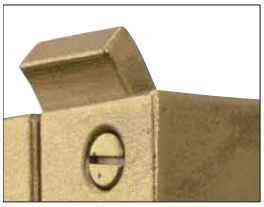




Brown Bronze



Clear Bronze



Generous amounts of brass cast into a nostalgic and rugged finish. Slotted front installation screws, influenced by old-fashioned American interiors.

- A wide array of matching products is available, allowing for total design coordination.

TEST METHOD 19

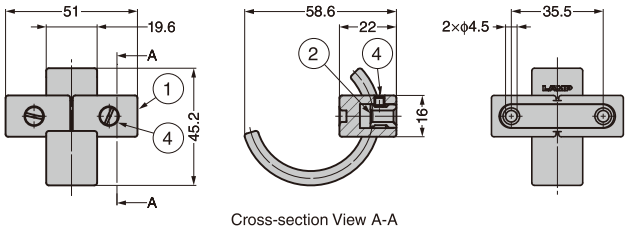
Installation

Remarks

- The finish of the product may vary as the surface processing is affected by the individual properties of each section of brass.
- The slotted set screws are for decoration only. Use the included screws to mount this product.

Parts Included

- Size 4 x 40 cross-recessed pan head tapping screws
- Size M4 plain washers
- Lock plug



Cross-section View A-A

No.	Part Name	Material
①	Main Body	Brass
②	Frame	
③	Size M4 x 5 Slotted Flat Head Screws	
④	Size M4 x 4 Hexagon Socket Set Screws	Steel

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-033-728	PXB-AS05-111-BR	Brown Bronze	90	9.1	200	1	12
110-033-729	PXB-AS05-111-SD	Clear Bronze				1	12

LAMP. RUBBER HOOK (NORDIC COLOUR) PXB-GN05-111

Latest Info





Variations



Beige



Brown



Dark Grey

KIDS DESIGN AWARD 2022

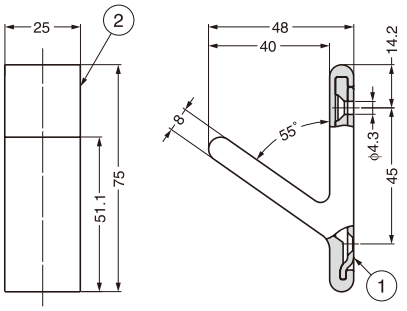
- Simple and safe design.
- Base made of SUS304 provides high-durability.
- Designed to fit in all kinds of interior.

TEST METHOD 4 SCREW

Installation

Parts Included

- Cross-recessed countersunk tapping screw 4×32 (stainless steel)



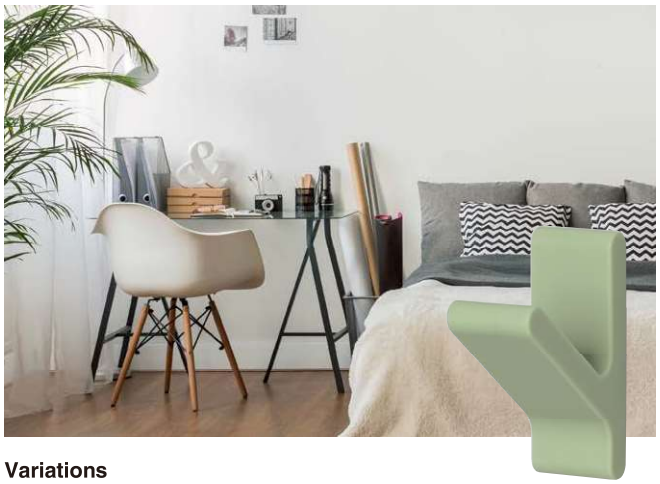
No.	Part Name	Material	Finish
①	Base	Stainless Steel (SUS304)	Barrel Polished
②	Cover	Silicone Rubber (Q)	-

Item Code	Item Name	Colour	Load Capacity		Weight	Box	Carton
110-033-279	PXB-GN05-111-DG	Dark Grey	78.4 N	8 kgf	85 g	10 pcs	100 pcs
110-033-278	PXB-GN05-111-BR	Brown			85 g	10 pcs	100 pcs
110-033-277	PXB-GN05-111-BE	Beige			85 g	10 pcs	100 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. HOOK (MINI NORDIC RUBBER SERIES) PXB-GN05-101

Latest Info



A design reminiscent of young branches combined with mellow colours, this tasteful design is inspired by the natural spaces of Northern Europe.

- Can be used on plaster board.
- Orders of over 300 pieces (1 lot) can be requested in special colours.

TEST METHOD 19 | INSTRUCTION

Installation

Parts Included
- Size 4 x 32 cross-recessed flat head tapping screws, plaster nails, plaster nail fixing parts

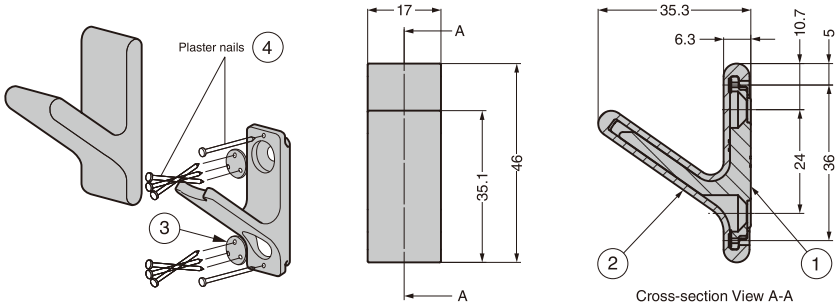
Installation Method
- Mounts easily to plastic board with plaster nails. Use screws to mount to surfaces such as wood. (Both are included.)

Variations



Greyish Pink | Greyish Yellow | Greyish Green | Greyish Blue | Greyish White | Brown | Black

KIDS DESIGN AWARD 2022



No.	Part Name	Material	Finish
①	Base	Zinc Alloy (ZDC)	Nickel Plating
②	Cover	Silicone Rubber (Q)	Plain
③	Plaster Nail Fixing Parts	AES Resin	
④	Plaster nails	Stainless Steel	

Set

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)
110-034-492	PXB-GN05-101-GPK	Greyish Pink	40 (Screw mount) 20 (Plaster board mount)	4.1 (Screw mount) 2 (Plaster board mount)	39
110-034-493	PXB-GN05-101-GYE	Greyish Yellow			
110-034-494	PXB-GN05-101-GGN	Greyish Green			
110-034-495	PXB-GN05-101-GBU	Greyish Blue			
110-034-496	PXB-GN05-101-GWT	Greyish White			
110-034-497	PXB-GN05-101-BR	Brown			
110-034-498	PXB-GN05-101-BL	Black			

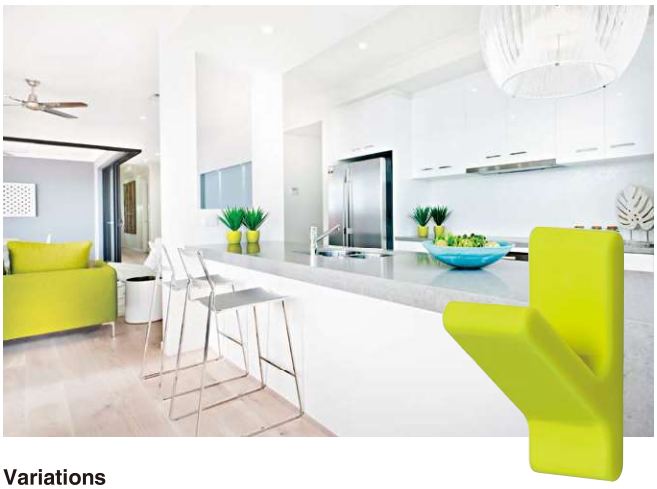
Cover Only *Order this when replacing only the cover.

Item Code	Item Name	Colour
110-037-153	PXB-GN05-101G-GPK	Greyish Pink
110-037-154	PXB-GN05-101G-GYE	Greyish Yellow
110-037-155	PXB-GN05-101G-GGN	Greyish Green
110-037-156	PXB-GN05-101G-GBU	Greyish Blue
110-037-157	PXB-GN05-101G-GWT	Greyish White
110-037-158	PXB-GN05-101G-BR	Brown
110-037-159	PXB-GN05-101G-BL	Black

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP MAGNETIC HOOK (MINI NORDIC RUBBER SERIES) PXB-GN05M-101

Latest Info



Easy to set and adjust magnet type hook. The Northern European inspired colours add vibrance and life to monotone, dull colored objects like refrigerators and cabinets.

- Orders of over 300 pieces (1 lot) can be requested in special colours.

INSTRUCTION

Installation

Remarks

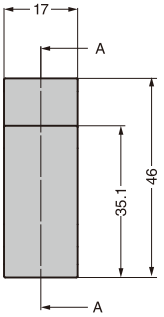
- Do not slide the body while it is attached as this may damage the surface to which it is attached.
- The load capacity may differ depending on the steel surface to which the product is mounted. Please test the product under actual use conditions before placing items.

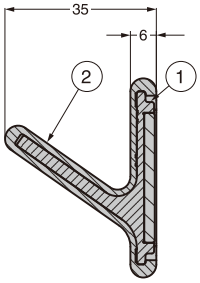
Variations



Orange | Green Yellow | Navy Blue | Greyish White | Grey

KIDS DESIGN AWARD 2022





Cross-section View A-A

No.	Part Name	Material	Finish
①	Base	Zinc Alloy (ZDC), Neodymium	Nickel Plating
②	Cover	Silicone Rubber (Q)	Plain

Set

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)
110-036-555	PXB-GN05M-101-YR	Orange	10	1.1	32
110-036-556	PXB-GN05M-101-GY	Green Yellow			
110-036-557	PXB-GN05M-101-NB	Navy Blue			
110-036-558	PXB-GN05M-101-GWT	Greyish White			
110-036-559	PXB-GN05M-101-GR	Grey			

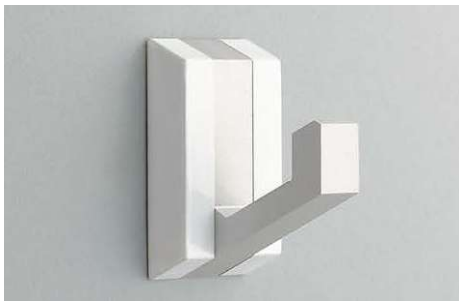
Cover Only *Order this when replacing only the cover.

Item Code	Item Name	Colour
110-037-160	PXB-GN05M-101G-YR	Orange
110-037-161	PXB-GN05M-101G-GY	Green Yellow
110-037-162	PXB-GN05M-101G-NB	Navy Blue
110-037-163	PXB-GN05M-101G-GWT	Greyish White
110-037-164	PXB-GN05M-101G-GR	Grey

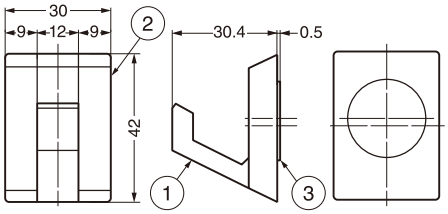
This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP MAGNETIC HOOK MJ-30

Latest Info



- Sleekly designed magnet with a straight linear appearance.
- Magnet is covered with silicone rubber, preventing the wall from being scratched while attached.

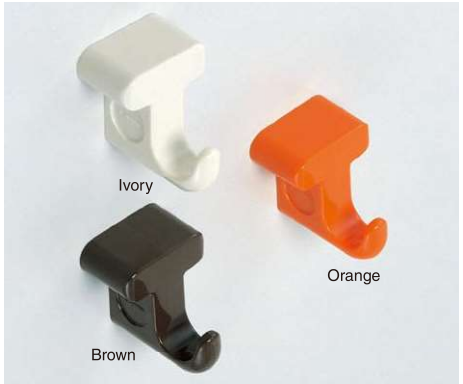


No.	Part Name	Material	Finish
①	Hook	Aluminium Alloy	Anodized
②	Body	ABS	White
③	Magnet	Neodymium	-

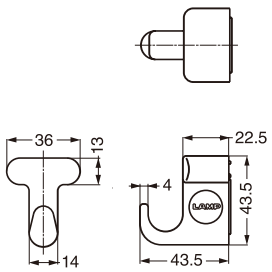
Item Code	Item Name	Material	Colour	Load Capacity		Weight	Box	Carton
110-020-421	MJ-30	Aluminum Alloy, ABS	Silver, White	9.8 N	1 kgf	30 g	20 pcs	400 pcs

LAMP MAGNETIC HOOK MJ-45

Latest Info



- T-shaped magnetic hook made from two magnets, holds position firmly.
- Available in 3 different colors. Recommended for use on desks, lockers, refrigerators, cars and other types of items with similar surfaces.



Item Code	Item Name	Material	Colour	Load Capacity		Weight	Box	Carton
110-051-070	MJ-45I	ABS/Steel	Ivory	19.6 N	2 kgf	64 g	20 pcs	240 pcs
110-051-071	MJ-45RA	ABS/Steel	Orange	19.6 N	2 kgf	64 g	20 pcs	240 pcs
110-051-073	MJ-45BR	ABS/Steel	Brown	19.6 N	2 kgf	64 g	20 pcs	240 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP HOOK (RUBBER RANGER SERIES) PXB-GR05-111

Latest Info



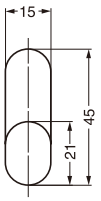
- Covered with soft silicone rubber, this series has a charming rounded shape. With colours that are vivid but not too bright, it can be used anywhere you please.
- The inside of the silicone cover has a retaining feature to prevent the cover from coming off.
- The base is made from stainless steel to hold items securely in place.

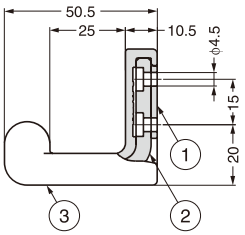
TEST METHOD 4 | SCREW

Installation

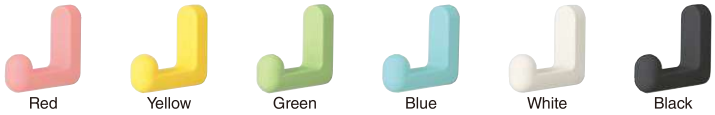
Parts Included

- Pan head tapping screw 4×32





Variations



KIDS DESIGN AWARD 2022

No.	Part Name	Material	Finish
①	Base Plate	Stainless Steel (SUS304)	Plain
②	Base	Stainless Steel (SUS304)	Plain
③	Cover	Silicone Rubber (Q)	-

Hook and Cover

Item Code	Item Name	Colour	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-033-282	PXB-GR05-111-LRD	Red	98 N	10 kgf	38	10	100
110-033-283	PXB-GR05-111-LYE	Yellow			38	10	100
110-033-284	PXB-GR05-111-LGN	Green			38	10	100
110-033-285	PXB-GR05-111-LBU	Blue			38	10	100
110-033-286	PXB-GR05-111-WT	White			38	10	100
110-037-152	PXB-GR05-111-BL	Black			38	10	100

Replacement Cover

Item Code	Item Name	Colour
110-036-545	PXB-GR05-111G-LRD	Red
110-036-546	PXB-GR05-111G-LYE	Yellow
110-036-547	PXB-GR05-111G-LGN	Green
110-036-548	PXB-GR05-111G-LBU	Blue
110-036-549	PXB-GR05-111G-WT	White
110-041-368	PXB-GR05-111G-BL	Black

LAMP DOUBLE HOOK (RUBBER RANGER SERIES) PXB-GR05-211

Latest Info



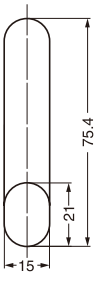
- Covered with soft silicone rubber, this series has a charming rounded shape. With colours that are vivid but not too bright, it can be used anywhere you please.
- The inside of the silicone cover has a retaining feature to prevent the cover from coming off.
- The base is made from stainless steel to hold items securely in place.

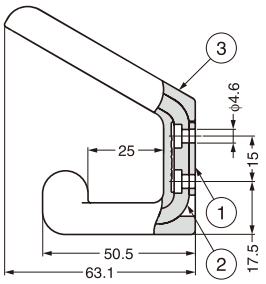
TEST METHOD 4 | SCREW

Installation

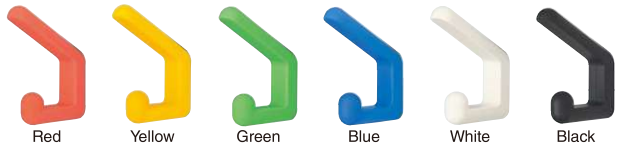
Parts Included

- Pan head tapping screw 4×32





Variations



KIDS DESIGN AWARD 2022

No.	Part Name	Material	Finish
①	Base Plate	Stainless Steel (SUS304)	Plain
②	Base	Stainless Steel (SUS304)	Plain
③	Cover	Silicone Rubber (Q)	-

Item Code	Item Name	Colour	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-033-287	PXB-GR05-211-RD	Red	98 N	10 kgf	66	10	100
110-033-288	PXB-GR05-211-YE	Yellow			66	10	100
110-033-289	PXB-GR05-211-GN	Green			66	10	100
110-033-290	PXB-GR05-211-BU	Blue			66	10	100
110-033-291	PXB-GR05-211-WT	White			66	10	100
110-041-366	PXB-GR05-211-BL	Black			66	10	100

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP HOOK (TWIN TYPE RUBBER RANGER SERIES) PXB-GR05-212

Latest Info



Covered with soft silicone rubber, this series has a charming rounded shape. With colours that are vivid but not too bright, it can be used anywhere you please.

- The inside of the silicone cover is equipped with an anti slip feature which significantly reduces the chance the cover will be accidentally removed.
- The base is made from stainless steel to hold items securely in place.
- Orders over 300 pieces (1 lot) can be requested in special colours.

TEST METHOD 19 | INSTRUCTION

Application
- Nurseries, kindergartens, etc.

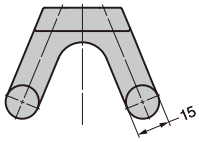
Parts Included
- Size 4 x 32 cross-recessed flat head tapping screws (stainless steel)

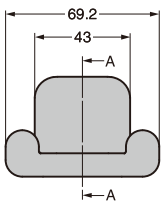
Variations

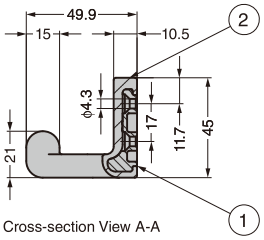


Bright Red | Bright Yellow | Bright Green | Bright Blue | White | Black

KIDS DESIGN AWARD 2022







Cross-section View A-A

No.	Part Name	Material	Finish
①	Base	Stainless Steel (SCS13)	Plain
②	Cover	Silicone Rubber (Q)	

*SCS13 is a cast steel material similar to SUS304.

Set: Hook + Cover

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)
110-037-037	PXB-GR05-212-BRD	Bright Red	100	10.2	90.5
110-037-038	PXB-GR05-212-BYE	Bright Yellow			
110-037-039	PXB-GR05-212-BGN	Bright Green			
110-037-040	PXB-GR05-212-BBU	Bright Blue			
110-037-041	PXB-GR05-212-WT	White			
110-041-367	PXB-GR05-212-BL	Black			

* Load capacity values are for one side only.

Cover Only *Order this when replacing only the cover.

Item Code	Item Name	Colour
110-037-140	PXB-GR05-212G-BRD	Bright Red
110-037-141	PXB-GR05-212G-BYE	Bright Yellow
110-037-142	PXB-GR05-212G-BGN	Bright Green
110-037-143	PXB-GR05-212G-BBU	Bright Blue
110-037-144	PXB-GR05-212G-WT	White
110-041-370	PXB-GR05-212G-BL	Black

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. SILICONE HOOK PXB-GP05-101 Mini Flowers NEW

Latest Info



Shaped like flowers. Soft silicone cover.
The vivid colours brighten up spaces.

- Can be easily fixed with a screw.
- Custom colours are available from 500 pcs of order.

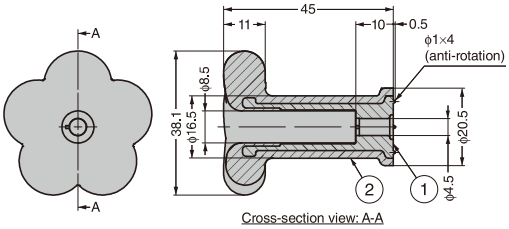
SCREW

Remarks
- The cover and base are integrated and cannot be separated.

Applications
- Kindergartens, preschool

Installation

Parts Included
- Cross-recessed pan head tapping screw
- Washer 4×8×0.8 (size: 4)



Cross-section view: A-A

No.	Part Name	Material
①	Base	PA
②	Cover	Silicone Rubber (Q)

Colour Variation



KIDS DESIGN AWARD 2022

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-043-926	PXB-GP05-101-RD	Red	50	5.1	18	20	200
110-043-927	PXB-GP05-101-YE	Yellow				20	200
110-043-928	PXB-GP05-101-GN	Green				20	200
110-043-929	PXB-GP05-101-BU	Blue				20	200
110-043-930	PXB-GP05-101-WT	White				20	200
110-043-931	PXB-GP05-101-BL	Black				20	200

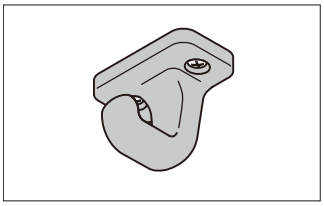
LAMP. RESIN HOOK HK-CM40

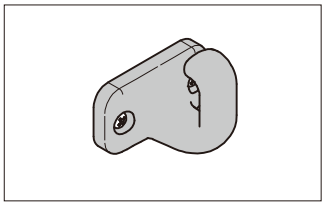
Latest Info



*The actual colour may differ from the photo. Check with the actual product.

Application Example



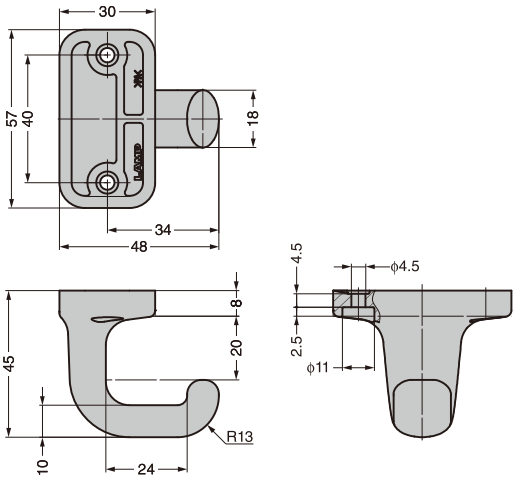


- A resin hook available in a wide variety of colours.
- Can be mounted on either ceilings or walls.

TEST METHOD 4

Application
- Shops, nurseries and other facilities

Parts Included
- Size 4 x 20 cross-recessed pan head tapping screws



Item Code	Item Name	Colour	Load Capacity				Weight (g)	Box (pcs)	Carton (pcs)
			Plane Horizontal Installation (N)	Plane Horizontal Installation (kgf)	Ceiling Mount (N)	Ceiling Mount (kgf)			
110-036-818	HK-CM40-DG	Dark Grey	78	8	78	8	24	12	120
110-036-819	HK-CM40-BR	Brown						12	120
110-036-820	HK-CM40-WT	White						12	120
110-036-821	HK-CM40-BBU	Bright Blue						12	120
110-036-822	HK-CM40-BRD	Bright Red						12	120

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP VANITY HOOK SSF-10

Latest Info

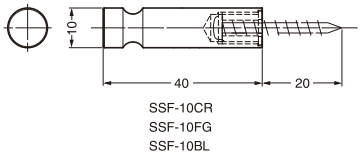




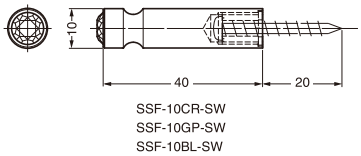
- Slender hook is perfectly suited for use in hotels and other luxurious interiors.
- Small hook diameter works well for items like shoehorns and clothes brushes.
- Straight, cylindrical design prevents clothes from getting caught or stuck in crevices.
- Also available with an embedded Swarovski® crystal for a bold, glittering appearance.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 4 | SCREW

Parts Included
- Pan head tapping screw 3.5×30

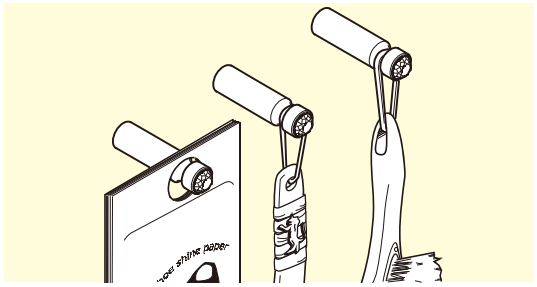


SSF-10CR
SSF-10FG
SSF-10BL

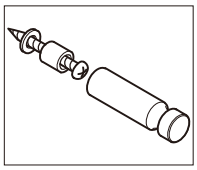


SSF-10CR-SW
SSF-10GP-SW
SSF-10BL-SW

Application Example



Installation



Item Code	Item Name	Material	Finish/Colour	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-022-192	SSF-10CR	Brass	Chrome	58 N	5.8 kgf	24	10	600
110-022-193	SSF-10GP	Brass	24K Gold, Clear	58 N	5.8 kgf	24	10	600
110-041-243	SSF-10BL	Brass	Chromate Finish/Matte Black	58 N	5.8 kgf	24	10	600
110-022-194	SSF-10CR-SW	Brass w/ Swarovski® Crystal	Chrome	58 N	5.8 kgf	25	10	600
110-022-195	SSF-10GP-SW	Brass w/ Swarovski® Crystal	24K Gold, Clear	58 N	5.8 kgf	25	10	600
110-041-244	SSF-10BL-SW	Brass w/ Swarovski® Crystal	Chromate Finish/Matte Black	58 N	5.8 kgf	25	10	600

LAMP STAINLESS STEEL HOOK HK-DF

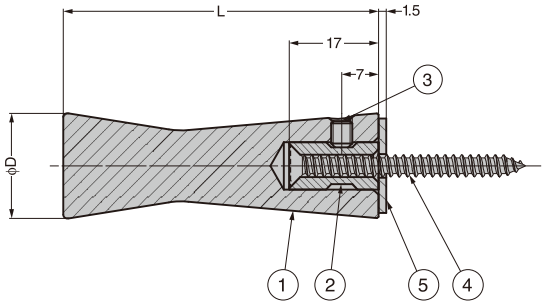
Latest Info



- Integrated design with HK-DF-G for glass (P.835).
- Symmetrical design for easy installation.

TEST METHOD 4 | SUS

Parts Included
- Countersunk head tapping screw 4×50
- Washer



No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS303)	Polished
②	Block		Plain
③	Hexagon Socket Set Screw M4×5	Stainless Steel	
④	Binding Head Tapping Screw	Steel	Coloured Zinc Chromate
⑤	Washer	Stainless Steel	Plain

Item Code	Item Name	Finish/Colour	D	L	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-033-704	HK-DF-18	Polished	18	38	150	15.2	50	25	100
110-041-245	HK-DF-18-BL	Chromate Finish/Matte Black						25	100
110-033-705	HK-DF-20	Polished	20	60			100	25	100
110-041-246	HK-DF-20-BL	Chromate Finish/Matte Black						25	100

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP HOOK HK-FH

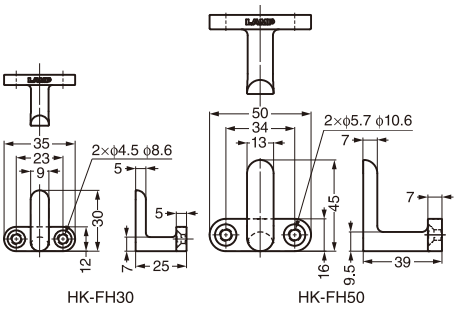
Latest Info



- Included screws have the same finish as the bottom.
- Flat bottomed hook

TEST METHOD 1 | TEST METHOD 4

Parts Included
- HK-FH30 : Countersunk head tapping screw 4 × 20 (steel)
- HK-FH50 : Countersunk head tapping screw 5 × 30 (steel)



Item Code	Item Name	Material	Finish	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-037-662	HK-FH30-CR	Zinc Alloy (ZDC)	Chrome	98	10	22	25	250
110-037-665	HK-FH30-BL		Black			22	25	250
110-037-663	HK-FH30-DB		Copper			22	25	250
110-037-664	HK-FH30-PB		Brass			22	25	250
110-037-666	HK-FH50-CR		Chrome	147	15	65	15	150
110-037-669	HK-FH50-BL		Black			65	15	150
110-037-667	HK-FH50-DB		Copper			65	15	150
110-037-668	HK-FH50-PB		Brass			65	15	150

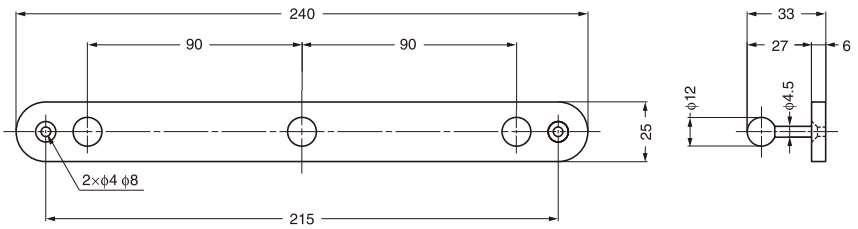
LAMP HOOK BOARD MBF240

Latest Info



TEST METHOD 4 | SCREW

Parts Included
- Countersunk head wood screw 3.5×20 (gold or silver)

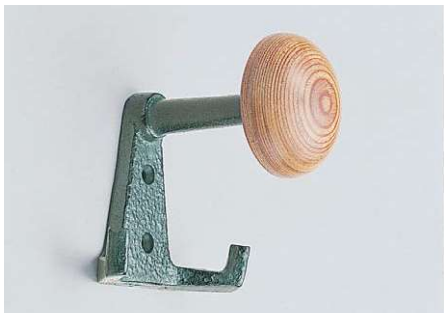


Item Code	Item Name	Colour	Material	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-021-007	MBF240-G	Gold	Brass+Aluminium Alloy	58.8 N/hook	6 kgf/hook	120	10	100
110-021-008	MBF240-S	Silver	Brass+Aluminium Alloy	58.8 N/hook	6 kgf/hook	120	10	100

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LAMP STEEL WOOD COAT HOOK SW-B-75

Latest Info

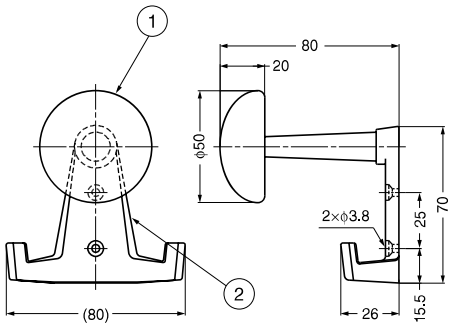


- Made from natural wood but also resistant to water, heat and oil damage. The material is sturdy and wear resistant due special resin processing done on the service.
- Retains the natural beauty of the wood grain and can also be wiped with a dry clothe to add glossiness. In case it gets dirty, polish with wax and it will retain its beauty.
- The body is made from casting aluminium in a green toned coat.

TEST METHOD 4 | SCREW

Parts Included

- Countersunk round head wood screw 3.5×40 black chromate (2 pcs)
- Countersunk head wood screw 3.1×20 green colour head (2 pcs)



No.	Material	Finish
①	Natural Wood	Plain
②	Aluminium Alloy	Patina Green

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-020-100	SW-B-75	Top Hook: 49 N, Hook: 147 N	Top Hook: 5 kgf, Hook: 15 kgf	175 g	5 pcs	50 pcs

*Limited inventory, contact sales associate for details.

LAMP STEEL WOOD COAT HOOK SW-B-140

Latest Info

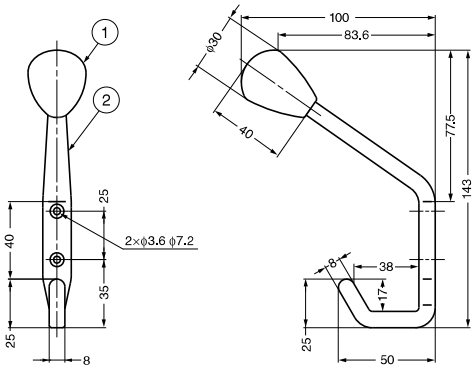


- Made from natural wood but also resistant to water, heat and oil damage. The material is sturdy and wear resistant due special resin processing done on the service.
- Retains the natural beauty of the wood grain and can also be wiped with a dry clothe to add glossiness. In case it gets dirty, polish with wax and it will retain its beauty.

TEST METHOD 4 | SCREW

Parts Included

- Countersunk round head wood screw 3.5×25



No.	Type	Material	Finish
①	–	Natural Wood	24K Gold Plating
②	G	Zinc Alloy (ZDC)	Gold
②	WB	Zinc Alloy (ZDC)	Satin Nickel

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-020-106	SW-B-140GP	Top Hook: 29.4 N, Hook: 147 N	Top Hook: 3 kgf, Hook: 15 kgf	165 g	10 pcs	60 pcs
110-020-107	SW-B-140WB	Top Hook: 29.4 N, Hook: 147 N	Top Hook: 3 kgf, Hook: 15 kgf	165 g	5 pcs	50 pcs

*When current stock runs out, box quantity will be 5 pcs, carton quantity will be 50 pcs.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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PANEL HANGERS
TOWEL BARS
OTHERS

LAMP. STEEL WOOD COAT HOOK SW-B-90

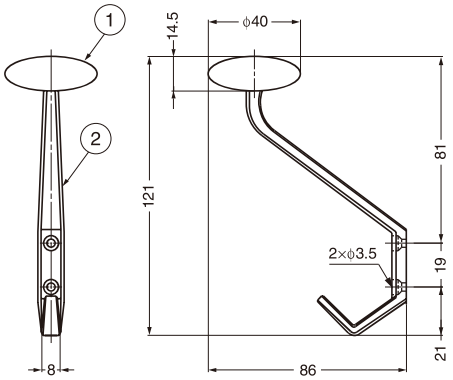
Latest Info



- Made from natural wood but also resistant to water, heat and oil damage. The material is sturdy and wear resistant due special resin processing done on the service.
- Retains the natural beauty of the wood grain and can also be wiped with a dry clothe to add glossiness. In case it gets dirty, polish with wax and it will retain its beauty.

TEST METHOD 4 | SCREW

Parts Included
- Countersunk head wood screw 3.1×20



No.	Material	Finish
①	Natural Wood	Plain
②	Brass	Satin Nickel

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-020-095	SW-B-90	Top Hook: 19.6 N, Hook: 98 N	Top Hook: 2 kgf, Hook: 10 kgf	73 g	15 pcs	180 pcs

LAMP. COAT HOOK SW-B-180

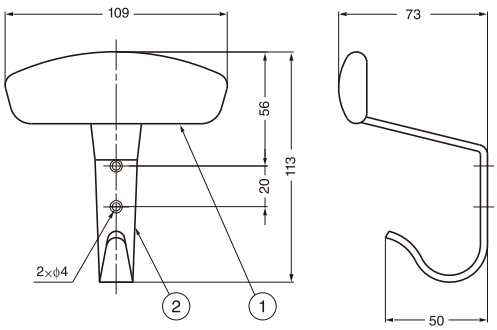
Latest Info



- Made from natural wood but also resistant to water, heat and oil damage. The material is sturdy and wear resistant due special resin processing done on the service.
- Retains the natural beauty of the wood grain and can also be wiped with a dry clothe to add glossiness. In case it gets dirty, polish with wax and it will retain its beauty.

TEST METHOD 4 | SCREW

Parts Included
- Countersunk round head wood screw 3.5×16 (SUS)



No.	Material	Finish
①	Natural Wood	Plain
②	Stainless Steel (SUS304)	Satin

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-020-098	SW-B-180	Top Hook: 49 N, Hook: 98 N	Top Hook: 5 kgf, Hook: 10 kgf	115 g	6 pcs	60 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

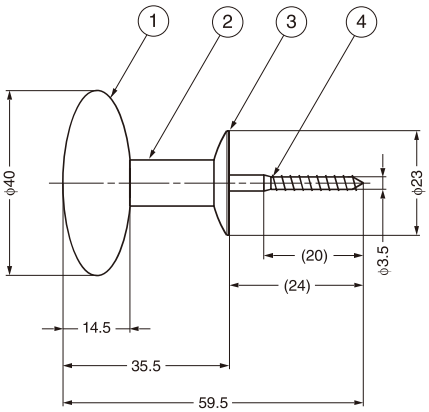
LAMP COAT HOOK SW-G-40

Latest Info



- Made from natural wood but also resistant to water, heat and oil damage. The material is sturdy and wear resistant due special resin processing done on the service.
- Retains the natural beauty of the wood grain and can also be wiped with a dry clothe to add glossiness. In case it gets dirty, polish with wax and it will retain its beauty.

TEST METHOD 4



No.	Material	Finish
①	Natural Wood	Plain
②	Stainless Steel (SUS303)	Satin
③	Stainless Steel (SUS304)	Plain
④	Steel	Yellow Zinc Chromate

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-020-104	SW-G-40	98 N	10 kgf	31 g	25 pcs	250 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

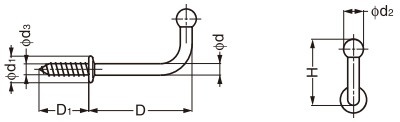
LAMP. WIRE HOOK TY

Latest Info



- Hook has ball end, making it safer to use and preventing detachment.

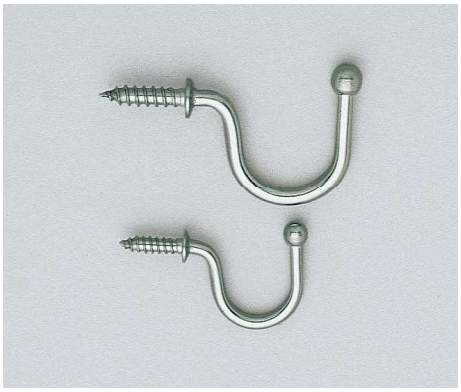
TEST METHOD 4 | SUS



Item Code	Item Name	Material	Finish	D	D1	H	d	d1	d2	d3	Load Capacity		Weight	Box	Carton
110-020-046	TY-20	Stainless Steel (SUS304)	Polished	21.8	11	14	2.7	6.5	4.5	3.3	29.4 N	3 kgf	1.5 g	200 pcs	7200 pcs
110-020-047	TY-25	Stainless Steel (SUS304)	Polished	27	13	17	3	7	5	3.9	29.4 N	3 kgf	3 g	100 pcs	3600 pcs
110-020-048	TY-30	Stainless Steel (SUS304)	Polished	31.2	15	20	3.5	8	6	4.2	68.6 N	7 kgf	5 g	100 pcs	1800 pcs
110-020-049	TY-35	Stainless Steel (SUS304)	Polished	36.5	20	23	4	9	6.5	4.8	68.6 N	7 kgf	7 g	50 pcs	1800 pcs
110-020-050	TY-40	Stainless Steel (SUS304)	Polished	43.5	20	27	4.5	10	7.5	5.4	78.4 N	8 kgf	11 g	50 pcs	900 pcs

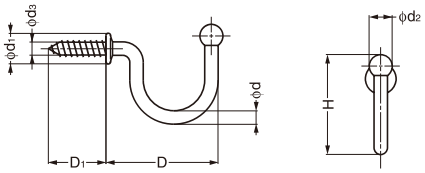
LAMP. WIRE HOOK TF

Latest Info



- Hook has ball end, making it safer to use and preventing detachment.

TEST METHOD 4 | SUS



Item Code	Item Name	Material	Finish	D	D1	H	d	d1	d2	d3	Load Capacity		Weight	Box	Carton
110-020-055	TF-20	Stainless Steel (SUS304)	Polished	20.8	11	20	2.7	6.5	4.5	3.3	29.4 N	3 kgf	3 g	200 pcs	7200 pcs
110-020-056	TF-30	Stainless Steel (SUS304)	Polished	29.2	15	26	3.5	8	6	4.2	68.6 N	7 kgf	5.5 g	100 pcs	1800 pcs
110-020-057	TF-35	Stainless Steel (SUS304)	Polished	40.5	20	35	4.5	10	7.5	5.4	117.6 N	12 kgf	13.5 g	50 pcs	900 pcs

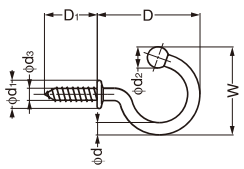
LAMP. WIRE HOOK TL

Latest Info



- Hook has ball end, making it safer to use and preventing detachment.

TEST METHOD 4 | SUS



Item Code	Item Name	Material	Finish	D	D1	W	d	d1	d2	d3	Load Capacity		Weight	Box	Carton
110-020-062	TL-15	Stainless Steel (SUS304)	Polished	16.8	11	15	2.7	6.5	4.5	3.3	49 N	5 kgf	1.9 g	200 pcs	7200 pcs
110-020-063	TL-20	Stainless Steel (SUS304)	Polished	22.8	11	20	2.7	6.5	4.5	3.3	49 N	5 kgf	2.1 g	100 pcs	3600 pcs
110-020-064	TL-30	Stainless Steel (SUS304)	Polished	29.2	15	25	3.5	8	6	4.2	49 N	5 kgf	6 g	50 pcs	900 pcs
110-020-065	TL-40	Stainless Steel (SUS304)	Polished	40.5	20	34	4.5	10	7.5	5.4	117.6 N	12 kgf	13.5 g	50 pcs	900 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. HOOK HJ

Latest Info

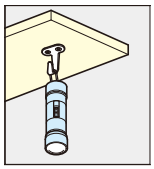


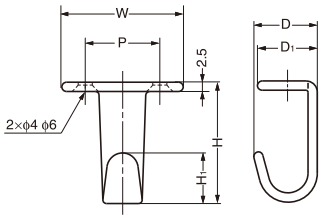
TEST METHOD 4 | SUS | SCREW

Parts Included

- HJ-20S:
  Oval countersunk head wood head screw 3.1×16 (SUS)
- HJ-30S, HJ50S:
  Oval countersunk head wood head screw 3.5×16 (SUS)

Application Example





Item Code	Item Name	Material	Finish	W	P	H	H_1	D	D_1	Load Capacity		Weight	Box	Carton
110-020-029	HJ-20S	Stainless Steel (SUS304)	Satin	28	18	27	11	17	13	140 N	14 kgf	11 g	120 pcs	1200 pcs
110-020-078	HJ-30S	Stainless Steel (SUS304)	Satin	32.5	20	33	13.5	17	16	140 N	14 kgf	15 g	30 pcs	600 pcs
110-020-079	HJ-50S	Stainless Steel (SUS304)	Satin	43	30	47	19.6	22	21	140 N	14 kgf	30 g	40 pcs	800 pcs
110-028-963	HJ-20SBL	Stainless Steel (SUS304)	Black	28	18	27	11	17	13	140 N	14 kgf	11 g	60 pcs	600 pcs
110-028-964	HJ-30SBL	Stainless Steel (SUS304)	Black	32.5	20	33	13.5	17	16	140 N	14 kgf	15 g	30 pcs	360 pcs
110-028-965	HJ-50SBL	Stainless Steel (SUS304)	Black	43	30	47	19.6	22	21	140 N	14 kgf	30 g	40 pcs	400 pcs

LAMP. HOOK HJU

Latest Info

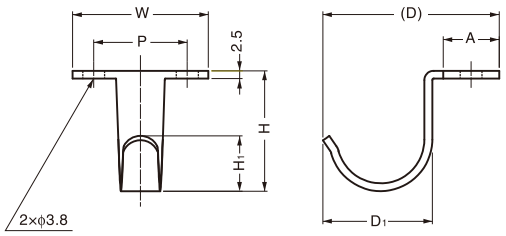


- Has a wide hook, making it easy to hang items.
- Can be installed from either the top or the bottom.

SUS | SCREW

Parts Included

- Truss head tapping screw 3.5×20 (SUS)



Item Code	Item Name	Material	Finish	W	P	H	H_1	A	D	D_1	Load Capacity		Weight	Box	Carton
110-017-524	HJU-30S	Stainless Steel (SUS304)	Satin	32.5	20	25	13	13	41.8	25.5	98 N	10 kgf	15 g	30 pcs	600 pcs
110-017-525	HJU-50S	Stainless Steel (SUS304)	Satin	43	30	38	18	18	59	37.5	98 N	10 kgf	30 g	40 pcs	800 pcs

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LATCH HOOKS
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TOWEL BARS
OTHERS

STAINLESS STEEL HOOK DFHK-RWS60 Single Type NEW

Latest Info


Satin

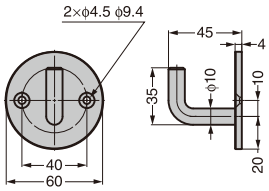

Paint/Matte Black

- A stainless steel hook with a thick base and robust hook arm.
- The attached screws have the same finish as the body.

TEST METHOD 4 | SUS | SCREW

Applications
- Hook for both indoor and outdoor use.

Parts Included
- Cross-recessed flat head tapping screws 4.1×20 (for stainless steel)



Item Code	Item Name	Finish/Colour	Material	Load Capacity N	Load Capacity kgf	Box (pcs)	Carton (pcs)
110-048-703	DFHK-RWS60-SS	Satin	Stainless Steel (SUS304)	250	25.5	6	60
110-049-428	DFHK-RWS60-BL	Paint/Matte Black					

STAINLESS STEEL HOOK DFHK-RWD60 Twin Type NEW

Latest Info


Satin

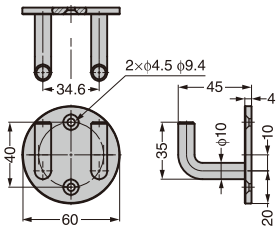

Paint/Matte Black

- A stainless steel hook with a thick base and robust hook arm.
- The attached screws have the same finish as the body.

TEST METHOD 4 | SUS | SCREW

Applications
- Hook for both indoor and outdoor use.

Parts Included
- Cross-recessed flat head tapping screws 4.1×20 (for stainless steel)



Item Code	Item Name	Finish/Colour	Material	Load Capacity N	Load Capacity kgf	Box (pcs)	Carton (pcs)
110-048-704	DFHK-RWD60-SS	Satin	Stainless Steel (SUS304)	250	25.5	6	60
110-049-429	DFHK-RWD60-BL	Paint/Matte Black					

*Load capacity is the total for two hooks.

STAINLESS STEEL TOP MOUNT HOOK DFHK-RWT60 NEW

Latest Info


Satin

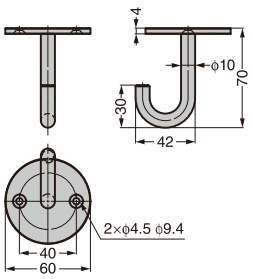

Paint/Matte Black

- A stainless steel hook with a thick base and robust hook arm.
- The U-shaped hook makes hanging easy.
- The attached screws have the same finish as the body.

TEST METHOD 4 | SUS | SCREW

Applications
- Hook for both indoor and outdoor use.

Parts Included
- Cross-recessed flat head tapping screws 4.1×20 (for stainless steel)



Item Code	Item Name	Finish/Colour	Material	Load Capacity				Box (pcs)	Carton (pcs)
				Flat Horizontal Mounting N	Flat Horizontal Mounting kgf	Top Mounting N	Top Mounting kgf		
110-048-705	DFHK-RWT60-SS	Satin	Stainless Steel (SUS304)	250	25.5	100	10.2	8	80
110-049-430	DFHK-RWT60-BL	Paint/Matte Black							

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

STAINLESS STEEL TOP MOUNT HOOK DFHK-RWTD60 Double Type NEW

Latest Info



Satin



Matte Black

- A stainless steel hook with a thick base and sturdy hook arm.
- Double-sided hook.
- The included screws have the same finish as the body.

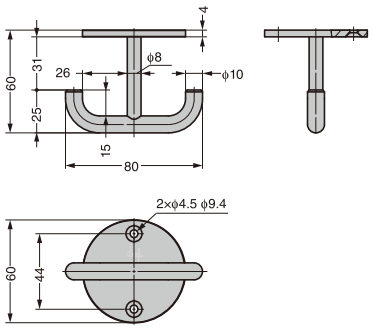
TEST METHOD 4 | SUS | SCREW

Applications

- Versatile hooks suitable for use under counters, indoors, or outdoors.

Parts Included

- Cross-recessed flat head tapping screws 4.1×20 (stainless steel)



Item Code	Item Name	Finish/Colour	Material	Load Capacity				Weight (g)	Box (pcs)	Carton (pcs)
				Top Mounting N	Top Mounting kgf	Flat Horizontal Mounting N	Flat Horizontal Mounting kgf			
110-055-555	DFHK-RWTD60-SS	Satin	Stainless Steel(SUS304)	100	10.2	30	3.1	160	8	80
110-055-556	DFHK-RWTD60-BL	Paint/Matte Black							8	80

STAINLESS STEEL HOOK DFHK-SQ30 NEW

Latest Info



Satin



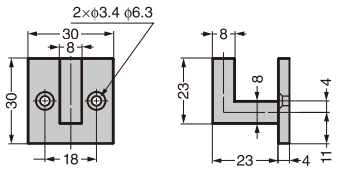
Paint/Matte Black

- A compact, simply designed hook with a thick base and precisely shaped hook arm.
- The attached screws have the same finish as the body.

TEST METHOD 4 | SUS | SCREW

Parts Included

- Cross-recessed flat head tapping screws 3.1×20 (for stainless steel)



Item Code	Item Name	Finish/Colour	Material	Load Capacity N	Load Capacity kgf	Box (pcs)	Carton (pcs)
110-048-706	DFHK-SQ30-SS	Satin	Stainless Steel (SUS304)	100	10.2	25	250
110-049-431	DFHK-SQ30-BL	Paint/Matte Black					

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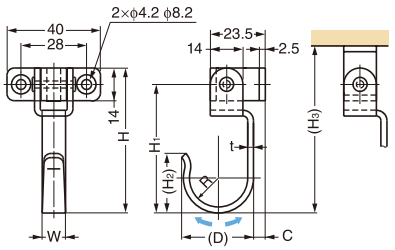
LAMP. SWING HOOK UC

Latest Info



Ceiling mount





- Hook portion swings vertically 180°, allowing for installation on either ceilings or walls.

TEST METHOD 4 | SUS | SCREW

Accessories
- Oval countersunk head screw 4×16 (SUS)

Feature

Item Code	Item Name	Material	Finish	W	D	H	H1	H2	H3	C	R	t	Load Capacity		Weight	Box	Carton
110-020-003	UC-048	Stainless Steel (SUS304)	Polished	9	24.9	55	48	21.4	64.5	6.5	10	2	55 N	5.6 kgf	37 g	40 pcs	400 pcs
110-020-002	UC-055	Stainless Steel (SUS304)	Polished	10	30.8	62	55	25.5	71.5	5	12.5	2.5	66 N	6.7 kgf	45 g	25 pcs	250 pcs

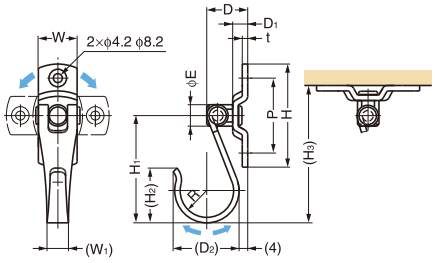
LAMP. ROTATING SWING HOOK UJ

Latest Info



Ceiling mount





- Easy to use hook that swings 180° vertically and rotates 360°.
- Can be installed on either ceilings or walls.

TEST METHOD 4 | SUS | SCREW

Accessories
- Oval countersunk head screw 4×16 (SUS)

Feature

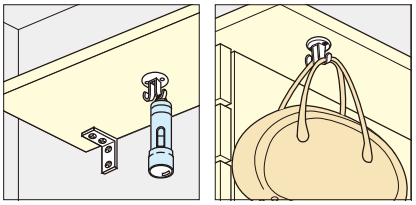
Item Code	Item Name	Material	Finish	W	W1	D	D1	D2	H	H1	H2	H3	P	E	R	t	Load Capacity		Weight	Box	Carton
110-020-001	UJ-040	Stainless Steel (SUS304)	Polished	16	9	16.5	5.5	24.9	42	40	21.4	52.5	30	9	10	2	66 N	6.7 kgf	27 g	50 pcs	500 pcs
110-020-000	UJ-050	Stainless Steel (SUS304)	Polished	18	10	19	7	30.8	48	50	25.5	64	35	10	12.5	2.5	87 N	8.9 kgf	45 g	30 pcs	300 pcs

LAMP. ROTATING HOOKS RF-50S

Latest Info



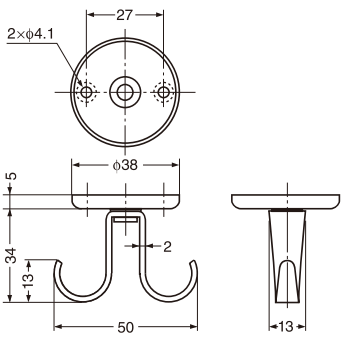
Application Example



- Rotates 360˚.

TEST METHOD 4 | SUS | SCREW

Accessories
- Countersunk head screw 3×25 (SUS)



Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-082	RF-50S	Stainless Steel (SUS304)	Satin	29.4 N/hook	3 kgf/hook	33 g	25 pcs	500 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. ROTATING SWING HOOKS RF-U50

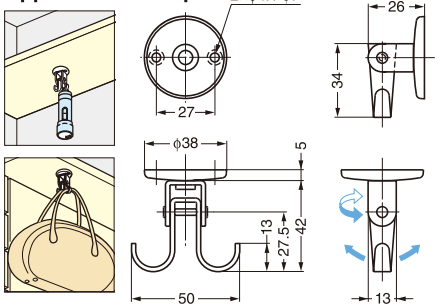
Latest Info



Ceiling mount



Application Example



- Easy to use hook that swings 180° vertically and rotates 360°.
- Can be installed on either ceilings or walls.

TEST METHOD 4 | SUS | SCREW

Accessories

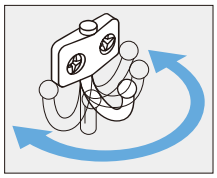
- Oval countersunk head screw 3×25 (SUS)

Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-007	RF-U50	Stainless Steel (SUS304)	Satin	60 N/hook	6.1 kgf/hook	40 g	25 pcs	250 pcs

LAMP. SWING HOOK TK, TKF

Latest Info





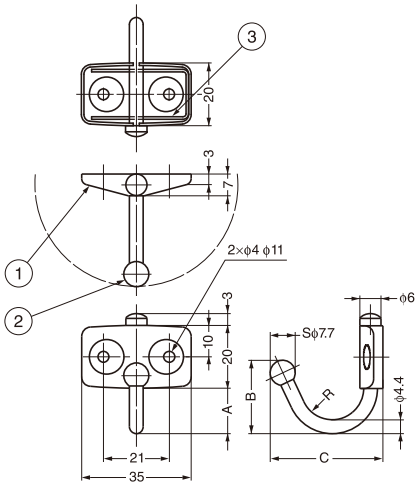
Feature

- Hook can rotate 180°. Version with friction and without friction available.
- Friction type prevents unintended position adjustment due to vibrations.
- Hook has ball end, making it safer to use and preventing detachment.

TEST METHOD 4 | SUS | SCREW

Parts Included

- Countersunk head wood screw 3.5×20 (SUS)



No.	Part Name	Material	Finish
①	Mounting Plate	Stainless Steel (SUS304)	Polished
②	Hook	Stainless Steel (SUS304)	Polished
③	Spring	Stainless Steel (SUS304WPB)	Plain

Item Code	Item Name	Type	Material	Finish	A	B	C	R	Load Capacity		Weight	Box	Carton
110-020-250	TK-30	Without Friction	Stainless Steel (SUS304)	Polished	14.5	23.4	36	10	117.6 N	12 kgf	17 g	100 pcs	1000 pcs
110-020-254	TK-45	Without Friction	Stainless Steel (SUS304)	Polished	19.4	28.4	44.3	15	78.4 N	8 kgf	20 g	100 pcs	1000 pcs
110-020-018	TK-30F	With Friction	Stainless Steel (SUS304)	Polished	14.5	23.4	36	10	117.6 N	12 kgf	17 g	100 pcs	1000 pcs
110-020-019	TK-45F	With Friction	Stainless Steel (SUS304)	Polished	19.5	28.4	44.3	15	78.4 N	8 kgf	20 g	100 pcs	1000 pcs

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LAMP STAINLESS STEEL ROTATING BALL HOOK (W/FRICTION) TK-W-45F

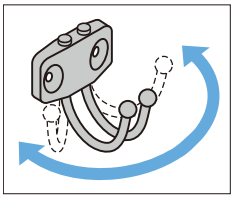
Latest Info



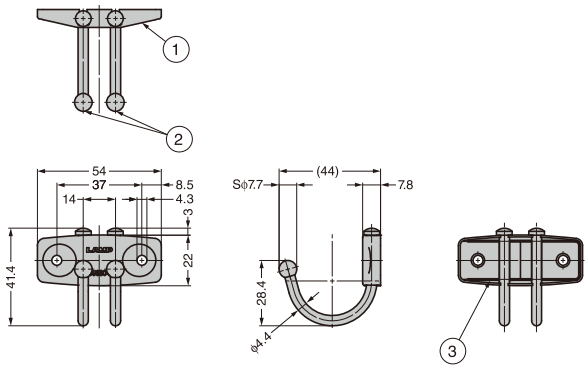
- Friction prevents unintended swivelling caused by vibrations.
- Ball end prevents injury.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Size 4 x 20 cross-recessed round flat head tapping screws (stainless steel)



Feature



No.	Part Name	Material	Finish
①	Mounting Plate	Stainless Steel (SUS304)	Barrel Polished
②	Hook Arm		
③	Wire Spring		Plain

Item Code	Item Name	Material	Finish	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-040-999	TK-W-45F	Stainless Steel (SUS304)	Barrel Polished	80	8.2	34	30	300

* Load capacity values are for one side only.

LAMP BUTTERFLY HOOK TZ-360

Latest Info





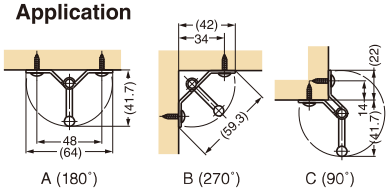


- Body can be folded like a hinge, allowing for installation on flat surfaces, corners and edges.
- Hook section can rotate, making it easy to decide on position for installation
- Hook has ball end, making it safer to use and preventing detachment.

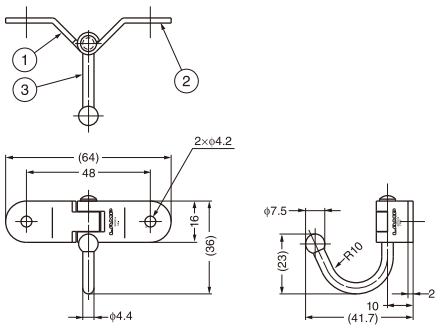
TEST METHOD 4 | SUS | SCREW

Parts Included
- Truss head tapping screw 4×12 (SUS)

Application



Feature



No.	Part Name	Material	Finish
①	Leaf (L)	Stainless Steel (SUS304)	Mirror
②	Leaf (R)	Stainless Steel (SUS304)	Mirror
③	Hook	Stainless Steel (SUS304)	Polished

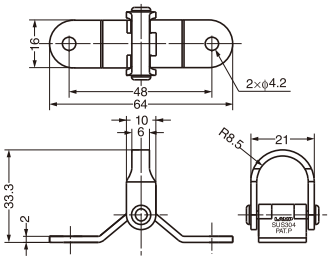
Item Code	Item Name	Material	Finish	Load Capacity						Weight	Box	Carton
				A		B		C				
110-020-009	TZ-360	Stainless Steel (SUS304)	Polished	59 N	6 kgf	55 N	5.6 kgf	29 N	3 kgf	27 g	50 pcs	500 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. BUTTERFLY HOOK DZ-270

Latest Info





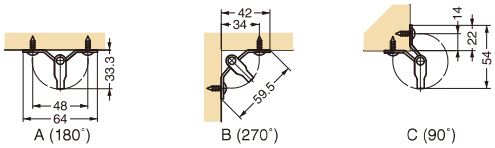
- The body is designed as a hinge, allowing for installation on flat surfaces, corners and edges.
- Can be used either horizontally or vertically.

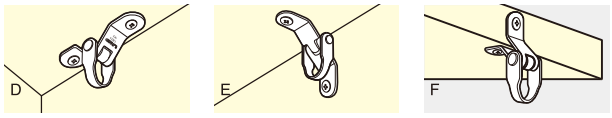
SUS SCREW

Feature

Parts Included
- Truss head tapping screw 4×12

Application Example





Load Capacity											
A		B		C		D		E		F	
59 N	6 kgf	55 N	5.6 kgf	29 N	3 kgf	78 N	8 kgf	59 N	6 kgf	78 N	8 kgf

Item Code	Item Name	Material	Finish	Weight	Box	Carton
110-020-248	DZ-270	Stainless Steel (SUS304)	Polished	29 g	50 pcs	500 pcs

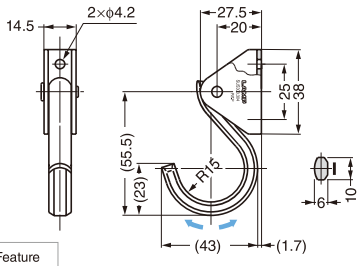
LAMP. SWING HOOK XL-JSF40

Latest Info



Ceiling mount





Feature

- High load capacity swing hook has maximum load capacity of 490N (50kgf).
- Hook portion can rotate, allowing for installation on either ceilings or walls.
- Hook surface has an attractive combination of satin and mirror finishes.

TEST METHOD 4 SUS SCREW

Parts Included
- Binding head tapping screw 4×20 (SUS)

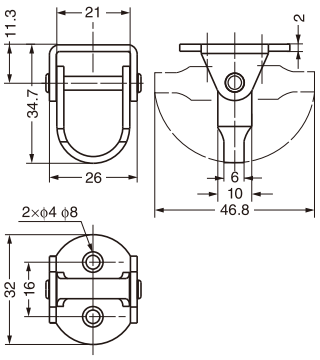
Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-011	XL-JSF40TT	Hook: Stainless Steel (SUS303), Bracket: Stainless Steel (SUS304)	Mirror and Satin Combination	490 N	50 kgf	70 g	20 pcs	120 pcs

LAMP. SWING HOOK RF-D35

Latest Info







- Can be installed on either ceilings or walls.

SUS SCREW

Parts Included
- Countersunk head wood screw 3.5×16

Item Code	Item Name	Material	Finish	Load Capacity				Weight	Box	Carton
				A		B				
110-020-249	RF-D35	Stainless Steel (SUS304)	Mirror/Satin	52 N	5.3 kgf	104 N	10.6 kgf	27 g	50 pcs	400 pcs

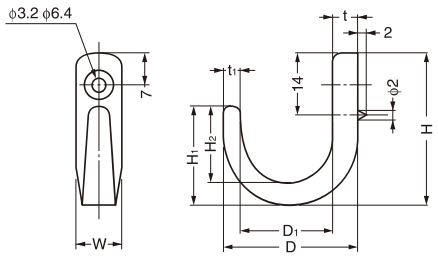
This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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LAMP. HOOK TA3

Latest Info





TEST METHOD 4 | SUS | SCREW

Parts Included

- TA3S: Raised countersunk head wood screw 3.1×16 (SUS)
- TA3L: Raised countersunk head wood screw 3.1×16 (SUS)

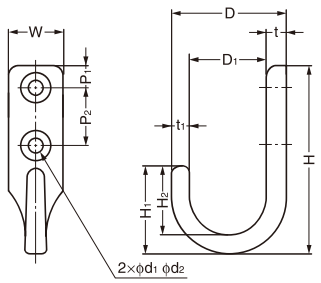
Item Code	Item Name	Material	Finish	D	D1	W	H	H1	H2	t	t1	Load Capacity		Weight	Box	Carton
110-026-008	TA3S	Stainless Steel (SCS13)	Mirror	22	15	9	29	16	12.2	4	3	180 N	18 kgf	10 g	30 pcs	600 pcs
110-026-009	TA3L	Stainless Steel (SCS13)	Mirror	30	20.5	10	34	22	17	5.5	4	180 N	18 kgf	19 g	20 pcs	400 pcs

*SCS13 is equivalent of SUS304.

LAMP. HOOK EL

Latest Info





TEST METHOD 4 | SUS | SCREW

Parts Included

- EL-25: Oval countersunk head wood screw 2.7×16 (SUS)
- EL-30: Oval countersunk head wood screw 3.8×20 (SUS)

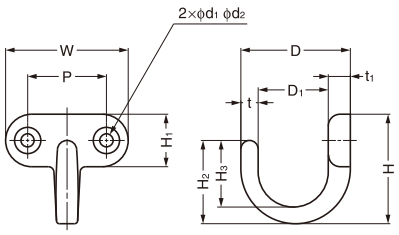
Item Code	Item Name	Material	Finish	D	D1	W	H	H1	H2	t	t1	P1	P2	d1	d2	Load Capacity		Weight	Box	Carton
110-026-004	EL-25	Stainless Steel (SCS13)	Mirror	26	16.5	12	40	19	14.5	5.5	4	5	12	3	6	240 N	24 kgf	19 g	30 pcs	300 pcs
110-026-005	EL-30	Stainless Steel (SCS13)	Mirror	32	21	15	54.5	25	19.5	6	5	6	16	4	8	240 N	24 kgf	32 g	20 pcs	200 pcs

*SCS13 is equivalent of SUS304.

LAMP. HOOK EP

Latest Info





TEST METHOD 4 | SUS | SCREW

Parts Included

- EU-25: Oval countersunk head wood screw 2.7×16 (SUS)
- EU-40: Oval countersunk head wood screw 3.8×20 (SUS)

Item Code	Item Name	Material	Finish	D	D1	W	H	H1	H2	H3	t1	t	P	d1	d2	Load Capacity		Weight	Box	Carton
110-026-000	EP-25	Stainless Steel (SCS13)	Mirror	25	16	28	25	12	19	14.5	5	4	18	3	6	240 N	24 kgf	16 g	30 pcs	300 pcs
110-026-001	EP-40	Stainless Steel (SCS13)	Mirror	32	21	36	33	16	25	19.5	6	5	23	4	8	240 N	24 kgf	31 g	20 pcs	200 pcs

*SCS13 is equivalent of SUS304.

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LAMP HOOK EW

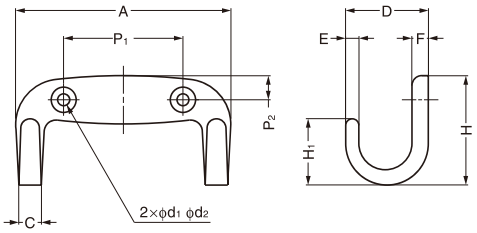
Latest Info



TEST METHOD 4 | SUS | SCREW

Parts Included

- EW-65E: Raised countersunk head wood screw 3.1×16 (SUS)
- EW-80E: Raised countersunk head wood screw 3.8×20 (SUS)



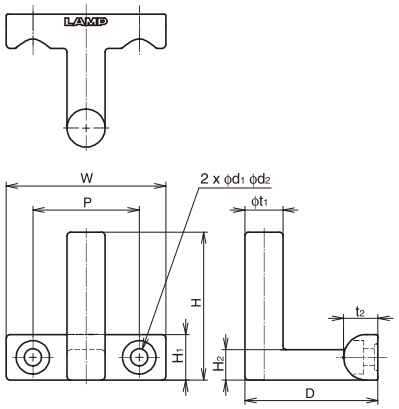
Item Code	Item Name	Material	Finish	A	P1	C	D	E	F	P2	H	H1	d1	d2	Load Capacity		Weight	Box	Carton
110-026-002	EW-65E	Stainless Steel (SCS13)	Mirror	65	36	6.5	25	4	5	7.3	33	20	3.6	7.6	196 N	20 kgf	52 g	10 pcs	100 pcs
110-026-003	EW-80E	Stainless Steel (SCS13)	Mirror	80	44	8	32	5	6	9	42	25	4.2	8.8	196 N	20 kgf	93 g	10 pcs	100 pcs

*SCS13 is equivalent of SUS304.

LAMP HOOK HK-RH

Latest Info





- Flat bottomed hook
- Made from stainless steel and suitable for use in corrosive environments.

TEST METHOD 1 | TEST METHOD 4 | SUS | SCREW

Parts Included

- HK-RH40 : Binding head tapping screw 4 × 20 (SUS)
- HK-RH60 : Binding head tapping screw 5 × 30 (SUS)

Item Code	Item Name	Material	Finish	D	d1	d2	H	H1	H2	P	t1	t2	W	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-037-670	HK-RH40	Stainless Steel (SCS13)	Polished	35	4.5	8.8	39	12	8	28	10	9	42	196	20	57	–	–
110-037-671	HK-RH60			51.5	5.5	10.8	58	16	11	40	15	12	63	245	25	175	–	–

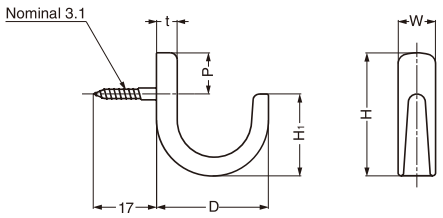
*SCS13 is equivalent of SUS304.

LAMP HOOK C

Latest Info



TEST METHOD 4 | SUS



Item Code	Item Name	Material	Finish	D	W	H	H1	P	t	Load Capacity		Weight	Box	Carton
110-026-010	CS-22	Stainless Steel (SUS304)	Mirror	22	9	27	15	9	4	49 N	5 kgf	10 g	30 pcs	600 pcs
110-026-011	CL-30	Stainless Steel (SUS304)	Mirror	30	10	33	22	11	5	78.4 N	8 kgf	18.5 g	20 pcs	400 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP HOOK PF

Latest Info



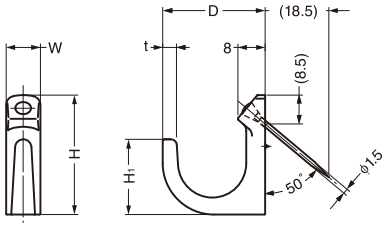
- Fully stainless steel hook can be installed into gypsum board (plasterboard, drywall).
- Hook combines an exquisite finish with a simple push pin installation.

SUS | SCREW

Parts Included
- Pin (SUS)

Pin (SUS)





Item Code	Item Name	Material	Finish	D	W	H	H_1	t	Load Capacity		Weight	Box	Carton
110-020-500	PF-22	Stainless Steel (SUS304)	Mirror	22	9	30	16	3	19.6 N	2 kgf	13 g	20 pcs	200 pcs
110-020-501	PF-30	Stainless Steel (SUS304)	Mirror	30	10	35	22	4	19.6 N	2 kgf	23 g	20 pcs	200 pcs

LAMP HOOK FC

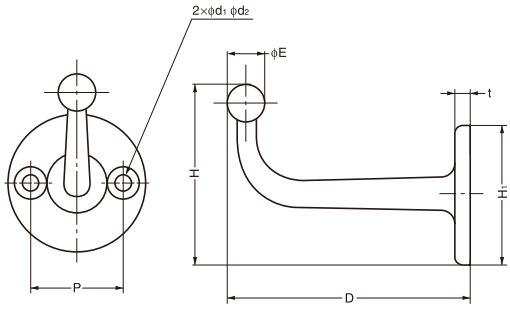
Latest Info



- Hook has ball end, making it safer to use and preventing detachment.
- Also available in titanium, allowing for use by people with metal allergies.

TEST METHOD 4 | SUS | SCREW

Parts Included
- FC-50: Raised countersunk head wood screw 3.1×16 (SUS)
- FC-65: Raised countersunk head wood screw 3.8×20 (SUS)



Item Code	Item Name	Material	Finish	D	H	H_1	t	P	d_1	d_2	E	Load Capacity		Screw	Weight	Box	Carton
110-020-121	FC-50TI	Titanium	Shot Blast	47	37	28	3	18.5	3.3	6.5	6.5	222 N	23 kgf	–	17 g	20 pcs	120 pcs
110-020-120	FC-65TI	Titanium	Shot Blast	65	44	35	4	22.5	4.2	8	8	294 N	30 kgf	–	34 g	30 pcs	180 pcs
110-026-006	FC-50	Stainless Steel (SCS13)	Mirror	47	37	28	3	18.5	3.3	6.5	6.5	98 N	10 kgf	3.1×16	25 g	40 pcs	480 pcs
110-026-007	FC-65	Stainless Steel (SCS13)	Mirror	65	44	35	4	22.5	4.2	8	8	117.6 N	12 kgf	3.8×20	54.5 g	20 pcs	240 pcs

*SCS13 is equivalent of SUS304.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP HOOK KB-F-70

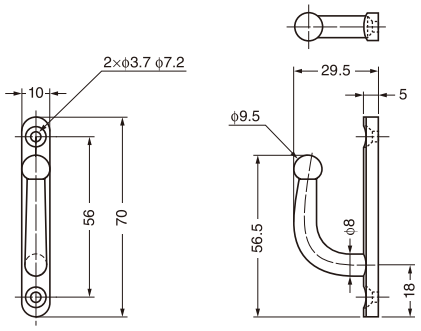
Latest Info



- Hook has ball end, making it safer to use and preventing detachment.

SUS | SCREW

Parts Included
- Raised countersunk head tapping screw 3.5×20 (SUS)



Item Code	Item Name	Material	Finish	Weight	Box	Carton
110-020-207	KB-F-70	Plate: Stainless Steel (SUS303) Hook: Stainless Steel (SUS304)	Mirror	48 g	5 pcs	100 pcs

LAMP HOOK KB-F-75

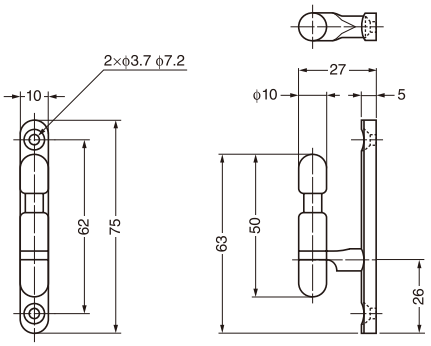
Latest Info



- Hook has ball end, making it safer to use and preventing detachment.

SUS | SCREW

Parts Included
- Raised countersunk head tapping screw 3.5×20 (SUS)



Item Code	Item Name	Material	Finish	Weight	Box	Carton
110-020-208	KB-F-75	Plate, Hook: Stainless Steel (SUS303) Arm: Stainless Steel (SUS304)	Mirror	55 g	5 pcs	100 pcs

LAMP DOUBLE HOOK RI-074

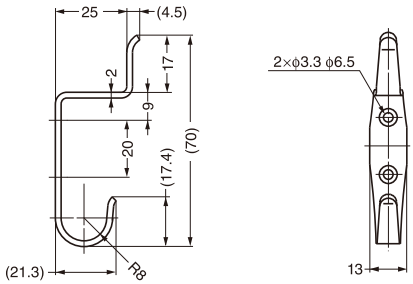
Latest Info



- Unique two-in-one hook.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Oval countersunk head tapping screw 3×16 (SUS)



Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-006	RI-074	Stainless Steel (SUS304)	Satin	49 N	5 kgf	16 g	40 pcs	400 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
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RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP DOUBLE HOOK RB-102

Latest Info

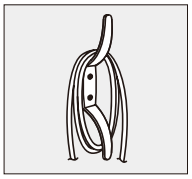


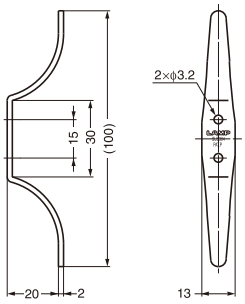
- Ideal for winding up ropes.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Truss head tapping screw 3×16 (SUS)

Application Example





Item Code	Item Name	Material	Finish	Weight	Box	Carton
110-020-004	RB-102	Stainless Steel (SUS304)	Satin	16 g	40 pcs	400 pcs

LAMP HANGING HOOK RN-50

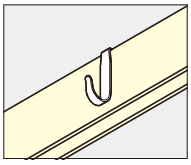
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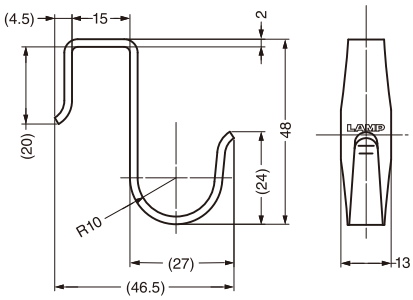


- Designed for use on partitions and doors.

TEST METHOD 4 | SUS

Application Example





Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-005	RN-50	Stainless Steel (SUS304)	Satin	92.12 N	9.4 kgf	17 g	40 pcs	400 pcs

LAMP HOOK 2H

Latest Info

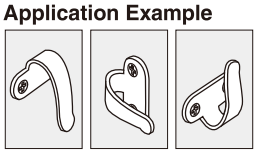


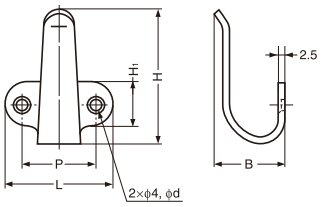
- Also can be used as a pull.

TEST METHOD 4 | SUS | SCREW

Parts Included
- 2H-20S: Oval countersunk head wood head screw 3.1×16 (SUS)
- 2H-30S, SH-40S, 2H50S: Oval countersunk head wood head screw 3.5 ×16 (SUS)

Application Example





Item Code	Item Name	Material	Finish	L	P	H	H_1	B	d	Load Capacity		Weight	Box	Carton
110-010-142	2H-20S	Stainless Steel (SUS304)	Satin	28	18	30	10	18	6.2	98 N	10 kgf	13 g	120 pcs	1200 pcs
110-010-143	2H-30S	Stainless Steel (SUS304)	Satin	32.5	20	39	13	18	7	98 N	10 kgf	18 g	100 pcs	1000 pcs
110-010-144	2H-40S	Stainless Steel (SUS304)	Satin	35	21.5	44	16	23	7	60 N	6 kgf	23 g	80 pcs	800 pcs
110-010-145	2H-50S	Stainless Steel (SUS304)	Satin	43	30	56	18	26	7	60 N	6 kgf	34 g	50 pcs	500 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. LARGE UTILITY HOOK 4H

Latest Info



4H-40M　　4H-65TT

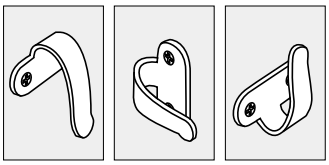
- Edges are chamfered for a safe and visually appealing design.
- Can be used as a handle, a coat hanger or as a part of furniture and can be adapted to many different types of uses.
- Available in two attractive finishes: mirror or mirror and satin combination.

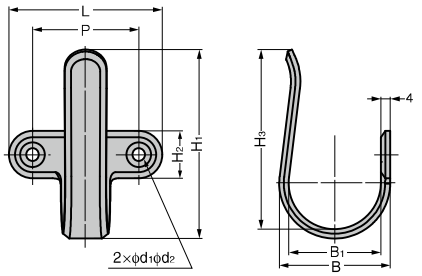
TEST METHOD 4 | SUS | SCREW

Parts Included

- 4H-40, 4H-55: Raised countersunk head wood screw 4.1×16 (SUS)
- 4H-65: Raised countersunk head wood screw 5.1×20 (SUS)

Application Example





Type	Finish	Material
M	Mirror	Stainless Steel (SUS304)
TT	Mirror and Satin	Stainless Steel (SUS304)

Item Code	Item Name	L	P	H1	H2	B	d1	d2	Load Capacity		Weight	Box	Carton
110-028-559	4H-40M	40	27	47	13	30	4.4	8.4	300 N	30.6 kgf	44 g	20 pcs	200 pcs
110-028-560	4H-40TT	40	27	47	13	30	4.4	8.4				20 pcs	200 pcs
110-028-561	4H-55M	55	38	65	17	40	4.4	8.4	150 N	15.3 kgf	81 g	15 pcs	150 pcs
110-028-562	4H-55TT	55	38	65	17	40	4.4	8.4				15 pcs	150 pcs
110-028-563	4H-65M	65	45	80	20	48	5.4	10.4	180 N	18.4 kgf	120 g	10 pcs	100 pcs
110-028-564	4H-65TT	65	45	80	20	48	5.4	10.4				10 pcs	100 pcs

LAMP. LARGE UTILITY HOOK 5H

Latest Info



5H-85M　　5H-85TT

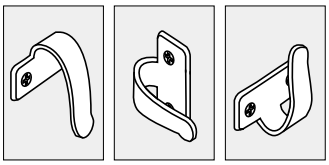
- Edges are chamfered for a safe and visually appealing design.
- Can be used as a handle, a coat hanger or as a part of furniture and can be adapted to many different types of uses.
- Available in two attractive finishes: mirror or mirror and satin combination.

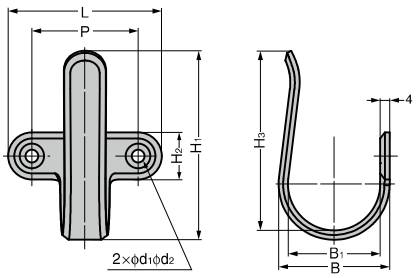
TEST METHOD 4 | SUS | SCREW

Parts Included

- 5H-45: Raised countersunk head wood screw 4.1×20 (SUS)
- 5H-60: Raised countersunk head wood screw 5.1×25 (SUS)
- 5H-85: Raised countersunk head wood screw 5.8×25 (SUS)

Application Example





Type	Finish	Material
M	Mirror	Stainless Steel (SUS304)
TT	Mirror and Satin	Stainless Steel (SUS304)

Item Code	Item Name	L	P	H1	H2	H3	B1	B2	d1	d2	Load Capacity		Weight	Box	Carton
110-028-553	5H-45M	45	30	56	34.5	15	37.9	32.5	4.5	9	300 N	30.6 kgf	74 g	15 pcs	150 pcs
110-028-554	5H-45TT	45	30	56	34.5	15	37.9	32.5	4.5	9				15 pcs	150 pcs
110-028-555	5H-60M	60	40	72.7	43.4	19	47.7	43.5	5.5	10.5			133 g	10 pcs	100 pcs
110-028-556	5H-60TT	60	40	72.7	43.4	19	47.7	43.5	5.5	10.5				10 pcs	100 pcs
110-028-557	5H-85M	85	60	94	60.6	25	66.7	58.2	6.5	12.4			238 g	5 pcs	50 pcs
110-028-558	5H-85TT	85	60	94	60.6	25	66.7	58.2	6.5	12.4				5 pcs	50 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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LAMP HOOK 4HJU-40M

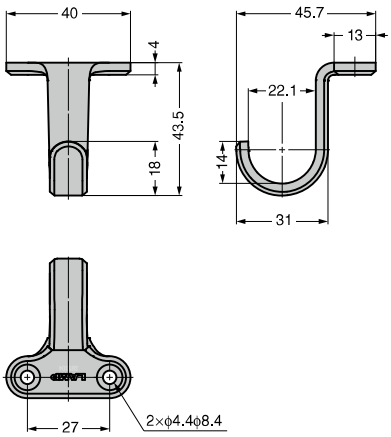
Latest Info



- Chamfered edges prevent injury.
- Ceiling hook.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Countersunk head tapping screw 4×25 (Stainless Steel)



Item Code	Item Name	Material	Finish / Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-041-004	4HJU-40M	Stainless Steel (SUS304)	Mirror	150	15.3	42.5	20	200

LAMP HOOK 5HJU-60M

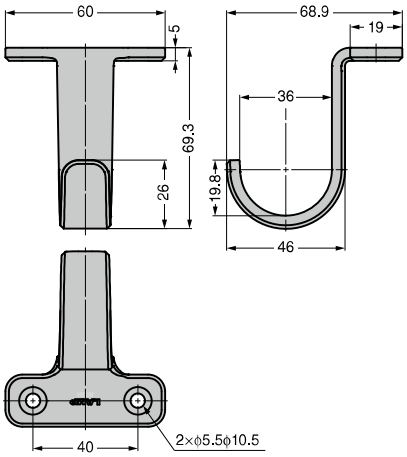
Latest Info



- Chamfered edges prevent injury.
- Ceiling hook.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Countersunk head tapping screw 4×25 (Stainless Steel)



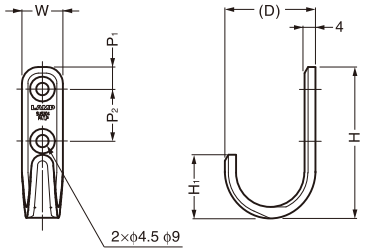
Item Code	Item Name	Material	Finish / Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-041-005	5HJU-60M	Stainless Steel (SUS304)	Mirror	200	20.4	130	10	100

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. HOOK XL-HJT

Latest Info





- Edges are chamfered for a safe and visually appealing design.

TEST METHOD 4 | SUS

SCREW

Parts Included

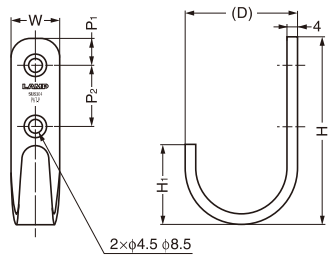
- Oval countersunk head wood screw 4.1×16 (SUS)

Item Code	Item Name	Material	Finish	D	W	H	H_1	P_1	P_2	Load Capacity		Weight	Box	Carton
110-020-935	XL-HJT55M	Stainless Steel (SUS304)	Mirror	33	15.5	55	23	8	19	98 N	10 kgf	34 g	30 pcs	300 pcs
110-020-936	XL-HJT55TT	Stainless Steel (SUS304)	Mirror and Satin Combination	33	15.5	55	23	8	19	98 N	10 kgf	34 g	30 pcs	300 pcs
110-020-937	XL-HJT70M	Stainless Steel (SUS304)	Mirror	43	18.5	70	30	10	23	78.4 N	8 kgf	53 g	20 pcs	200 pcs
110-020-938	XL-HJT70TT	Stainless Steel (SUS304)	Mirror and Satin Combination	43	18.5	70	30	10	23	78.4 N	8 kgf	53 g	20 pcs	200 pcs

LAMP. HOOK HJT

Latest Info





TEST METHOD 4 | SUS

SCREW

Parts Included

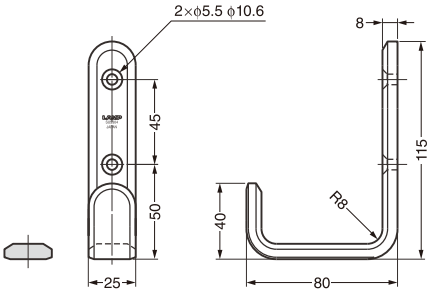
- Oval countersunk head wood screw 4.1×16 (SUS)

Item Code	Item Name	Material	Finish	D	W	H	H_1	P_1	P_2	Load Capacity		Weight	Box	Carton
110-020-028	HJT-55S	Stainless Steel (SUS304)	Satin	33	15	55	23	8	19	98 N	10 kgf	34 g	30 pcs	300 pcs
110-020-027	HJT-70S	Stainless Steel (SUS304)	Satin	43	18	70	30	10	23	78.4 N	8 kgf	53 g	20 pcs	200 pcs
110-028-966	HJT-55SBL	Stainless Steel (SUS304)	Black	33	15	55	23	8	19	98 N	10 kgf	34 g	30 pcs	300 pcs
110-028-967	HJT-70SBL	Stainless Steel (SUS304)	Black	43	18	70	30	10	23	78.4 N	8 kgf	53 g	20 pcs	200 pcs

LAMP. LARGE UTILITY HOOK XL-SF

Latest Info





- Edges are chamfered for a safe and visually appealing design.

TEST METHOD 4 | SUS

SCREW

Parts Included

- Raised countersunk head tapping screw 5×30 (SUS)

Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-142	XL-SF-115-S	Stainless Steel (SUS304)	Satin	372 N	38 kgf	280 g	4 pcs	24 pcs
110-020-143	XL-SF-115-M	Stainless Steel (SUS304)	Mirror	372 N	38 kgf	280 g	4 pcs	24 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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LAMP STAINLESS HOOK XL-SF-L, XL-SF-LL Long Arm Type NEW

Latest Info



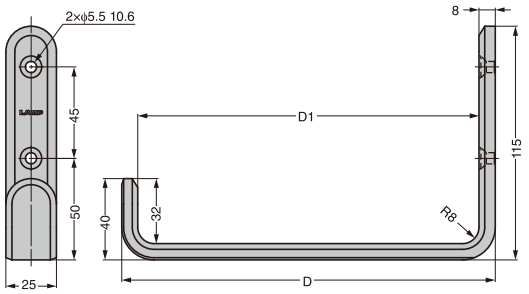
- A chamfered stainless steel hook.
- It has a thickness of 8mm and a robust construction.

TEST METHOD 4 | SUS | SCREW

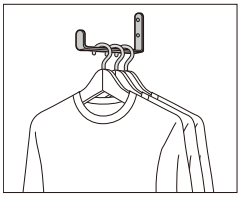
Parts Included
- Raised countersunk head tapping screw 5x30 (Stainless Steel)

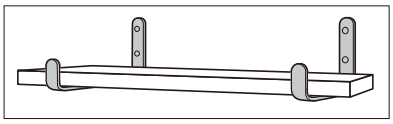
Recommended Screws
- M5 flat head screws(Stainless Steel)

Remarks
- Install in a location with sufficient strength or reinforcement. When installing to a plasterboard, please screw in the core material.



Application Example





Be can used as a shelf support.

Item Code	Item Name	Material	Finish	D	D_1	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-054-674	XL-SF-115L-S	Stainless Steel (SUS304)	Satin	184	168	360	36.7	450	4	24
110-054-675	XL-SF-115L-M		Mirror						4	24
110-054-676	XL-SF-115LL-S		Satin	234	218	260	26.5	530	4	24
110-054-677	XL-SF-115LL-M		Mirror						4	24

LAMP STAINLESS STEEL HOOK HK-LB

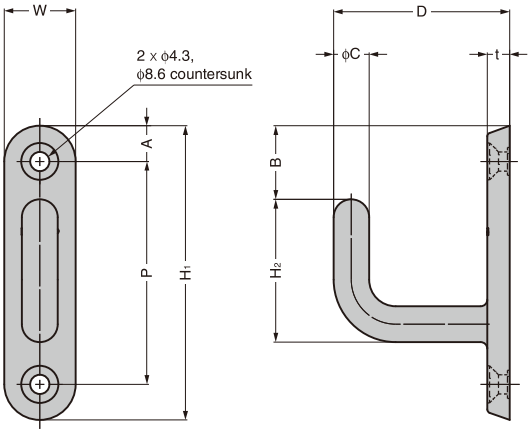
Latest Info



- A stainless steel hook with a thick plate for a high-class look.
- Rounded hook tip ensures safe use.

TEST METHOD 19 | SUS316 | SCREW

Parts Included
- Size 4 x 32 cross-recessed round flat head tapping screws (stainless steel)



Item Code	Item Name	Material	Finish	W	H_1	H_2	P	A	B	C	D	t	Load Capacity N	Load Capacity kgf	Weight (g)
110-041-267	HK-LB50	Stainless Steel (SCS14)	Polished	16	65	32	50	8	16.5	8	39.5	5	150	15.3	46
110-041-268	HK-LB65			18	85	44.5	65	9	20	9	49	6.5			81

*SCS14 is a cast steel material similar to SUS316.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP HOOK EU

Latest Info

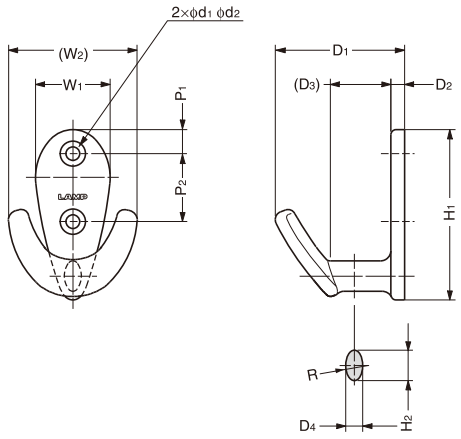


- Can hold 3 items at the same time, using the neck of the hook with the 2 hook ends.
- Double tipped shape well suited for for hanging items like hats and capes.

TEST METHOD 4 | SUS316 | SCREW

Parts Included

- EU50: Raised countersunk head wood screw 3.5×20 (SUS) (2 pcs)
- EU72: Raised countersunk head wood screw 4.1×20 (SUS) (2 pcs)



Item Code	Item Name	Material	Finish	H_1	H_2	W_1	W_2	D_1	D_2	D_3	D_4	P_1	P_2	d_1	d_2	Load Capacity		Weight	Box	Carton
110-020-270	EU-50	Stainless Steel (SCS14)	Mirror	50	9	22	38	38	4	17.8	5	7	20	4	7.4	196 N	20 kgf	42 g	20 pcs	120 pcs
110-020-271	EU-72	Stainless Steel (SCS14)	Mirror	72	14	32	56	52	6	23	8	10	34	4.6	8.6	294 N	30 kgf	118 g	10 pcs	60 pcs

*SCS14 is equivalent of SUS316.

LAMP HOOK KB-H

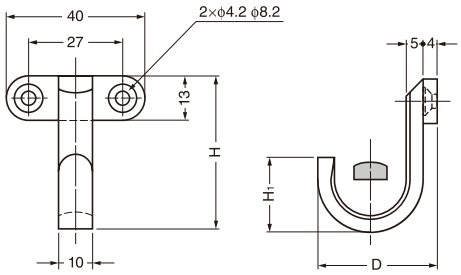
Latest Info



TEST METHOD 4 | SUS | SCREW

Parts Included

- Raised countersunk head tapping screw 4×20 (SUS)



Item Code	Item Name	Material	Finish	D	H	H_1	Load Capacity		Weight	Box
110-029-076	KB-H-35	Stainless Steel (SUS303)	Mirror	35	45	22	196 N	20 kgf	50 g	10 pcs
110-029-077	KB-H-40	Stainless Steel (SUS303)	Mirror	40	50	25	196 N	20 kgf	50 g	10 pcs

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LAMP LARGE UTILITY HOOK XL-CUJ

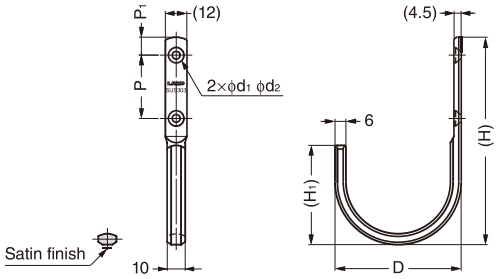
Latest Info



- Surface has an attractive combination of satin and mirror finishes.
- XL-CUF is a larger hook with the same combination finish.

TEST METHOD 4 | SUS | SCREW

Parts Included
- XL-CUJ45TT: Raised countersunk head tapping screw 3.5×20 (SUS)
- XL-CUJ70TT: Raised countersunk head tapping screw 4×20 (SUS)



Item Code	Item Name	Material	Finish	D	H	H_1	P	P_1	d_1	d_2	Load Capacity		Weight	Box	Carton
110-020-012	XL-CUJ45TT	Stainless Steel (SUS303)	Mirror and Satin Combination	46	75	36	20	8.5	3.8	7.2	186.2 N	19 kgf	54 g	20 pcs	120 pcs
110-020-013	XL-CUJ70TT	Stainless Steel (SUS303)	Mirror and Satin Combination	72	112	56	35	10	4.3	8.6	137.2 N	14 kgf	84 g	10 pcs	60 pcs

LAMP HOOK DS-H

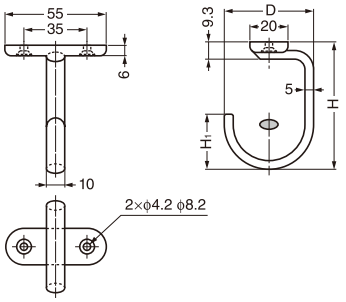
Latest Info



- Can also be installed on ceilings

TEST METHOD 4 | SUS | SCREW

Parts Included
- Raised countersunk head tapping screw 4×20 (SUS)



Item Code	Item Name	Material	Finish	D	H	H_1	Load Capacity		Weight	Box	Carton
110-020-205	DS-H-50	Stainless Steel (SUS303)	Mirror	50	70	30	98 N	10 kgf	88 g	5 pcs	50 pcs
110-020-206	DS-H-60	Stainless Steel (SUS303)	Mirror	60	100	40	98 N	10 kgf	105 g	5 pcs	50 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP STAINLESS STEEL HOOK JF2B-40M

Latest Info

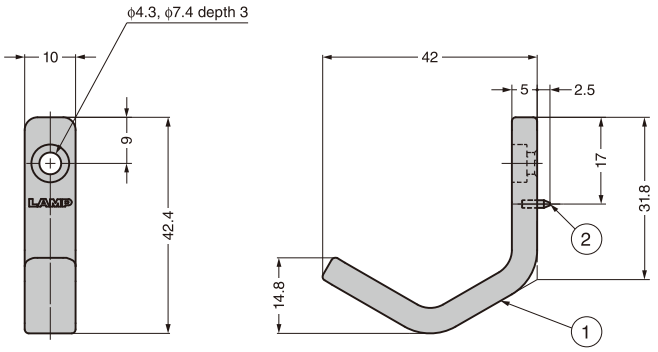


- A stainless steel hook that can be used in many places including modernist interiors.

TEST METHOD 19 | SUS | SCREW

Parts Included

- Size 4 x 32 cross-recessed pan head tapping screws (stainless steel)



No.	Part Name	Material	Finish/Colour
①	Hook Body	Stainless Steel (SUS304)	Polished
②	Sharp Pins	Stainless Steel (SUS303)	Plain

Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-037-145	JF2B-40M	100	10.2	27.4	20	120

LAMP LARGE UTILITY HOOK JF2B-55M

Latest Info

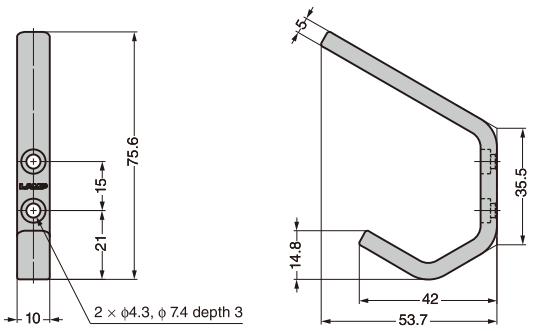


- Suitable for modernist interiors.
- Large size hook made from stainless steel.
- Allows big items such as marine hoses to be hung outdoors.

TEST METHOD 4 | SUS | SCREW

Parts Included

- Pan head tapping screw 4 x 32 (SUS)



Item Code	Item Name	Material	Finish	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-033-274	JF2B-55M	Stainless Steel (SUS304)	Polished	100	10.2	50	20	120

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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LAMP. LARGE UTILITY HOOK JF1B

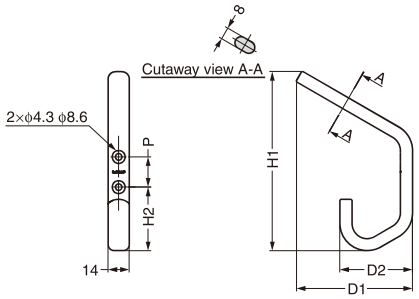
Latest Info



- Large sized hook made from anti-corrosive stainless steel, applicable for use in marine industry to hold hoses or other large items.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Countersunk head tapping screw 4×32 (SUS)



Item Code	Item Name	Material	Finish	H1	H2	D1	D2	P	Load Capacity		Weight	Box	Carton
110-033-760	JF1B-80M	Stainless Steel (SUS303)	Mirror	118.4	42	76.7	48	20	98 N	10 kgf	157 g	5 pcs	40 pcs
110-033-761	JF1B-90M	Stainless Steel (SUS303)	Mirror	138.5	46	87.6	56	26			186 g	5 pcs	40 pcs

LAMP. LARGE UTILITY HOOK XL-SB

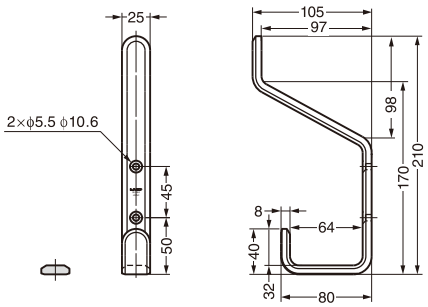
Latest Info



- Edges are chamfered for a safe and visually appealing design.

TEST METHOD 4 | SUS | SCREW

Parts Included
- Raised countersunk head tapping screw 5×30 (SUS)



Item Code	Item Name	Material	Finish	Load Capacity				Weight	Box	Carton
				Top Hook		Bottom Hook				
110-020-144	XL-SB-210-S	Stainless Steel (SUS304)	Satin	200 N	20 kgf	380 N	39 kgf	500 g	2 pcs	12 pcs
110-020-145	XL-SB-210-M	Stainless Steel (SUS304)	Mirror	200 N	20 kgf	380 N	39 kgf	500 g	2 pcs	12 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP LARGE ALUMINIUM HOOK HK-AJ100

Latest Info

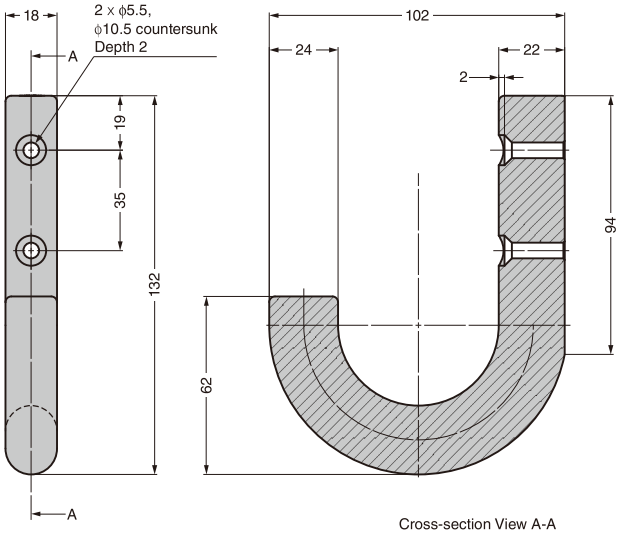


- A very large hook for hanging large items that would otherwise have been set on the floor.
- Thick aluminium piece which bends at its thickest end.

TEST METHOD 19 | SCREW

Parts Included

- Size 5 x 50 cross-recessed flat head tapping screws



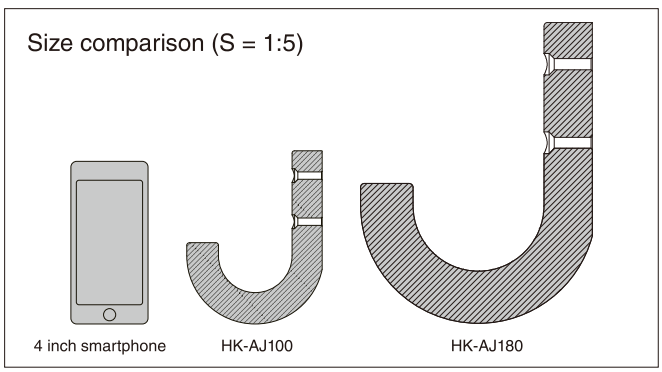
Item Code	Item Name	Material	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)
110-041-192	HK-AJ100-SL	Aluminium	Anodised/Matte Silver	200	20.4	202	1
110-041-193	HK-AJ100-BL		Anodised/Matte Black				1

LAMP GIANT ALUMINIUM HOOK HK-AJ180

Latest Info



Product may vary slightly from photo



- Hook with a profile depth of almost 180 mm.
- Thick aluminium piece which bends on its thickest side.

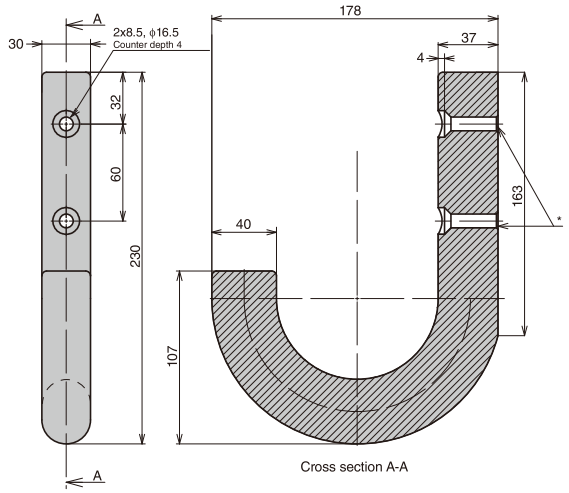
TEST METHOD 19 | SCREW

Remarks

- The load capacity stands for strength of the hook itself. Actual load capacity also depends on wall materials and strength.
- Surface colour of installation side may discolour. This does not affect the performance.

Parts Included

- Cross-recessed countersunk tapping screw 8 x 90
- Lock plug (screw diameter: ϕ8 / drill diameter: ϕ10 / length: 50)



*The hole is not for a mounting screw.

Item Code	Item Name	Material	Finish / Colour	Load Capacity N	Load Capacity kgf	Weight (g)
110-044-096	HK-AJ180-SL	Aluminium Alloy	Anodized / Matte Silver	1000	102	954
110-044-097	HK-AJ180-BL		Anodized / Matte Black			

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This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

STAINLESS STEEL BIG HOOK DFHK-BJ NEW

Latest Info


DFHK-BJ90-SH


DFHK-BJ135-SH


DFHK-BJ165-BL

- The simple shape made of robust stainless steel harmonizes with a variety of spaces.

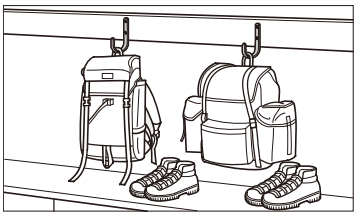
TEST METHOD 4 | SUS | SCREW

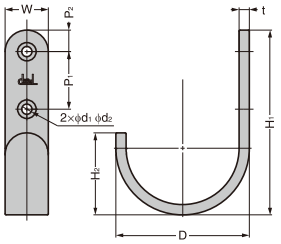
Applications
- Hook for both indoor and outdoor use.

Remarks
- The load capacity value indicates the strength of the hook itself and may vary according to the installation wall surface or housing material. Install in a location with sufficient strength or reinforcement.

Parts Included
- DFHK-BJ90: Cross-recessed flat head tapping screws 4×30 (for stainless steel)
- DFHK-BJ135, DFHK-BJ165: Cross-recessed flat head tapping screws 5×30 (for stainless steel)
- The screw heads have the same finish as the hook.

Application Example





Item Code	Item Name	Material	Finish/Colour	D	W	H_1	H_2	P_1	P_2	t	d_1	d_2	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-051-085	DFHK-BJ90-SH	Stainless Steel (SUS304)	Satin	65	21	90	40	28	10.5	5	5	9	200	20.4	126	8	80
110-051-086	DFHK-BJ90-BL		Paint/Matte Black													8	80
110-051-087	DFHK-BJ135-SH		Satin	100	23	135	60	38	15	6	6	11			256	4	40
110-051-088	DFHK-BJ135-BL		Paint/Matte Black													4	40
110-051-089	DFHK-BJ165-SH		Satin	125	25	165	75	55					150	15.3	349	4	32
110-051-090	DFHK-BJ165-BL		Paint/Matte Black													4	32

STAINLESS STEEL BIG HOOK DFHK-BJL Long Type NEW

Latest Info


DFHK-BJL200-SH


DFHK-BJL275-SH


DFHK-BJL335-BL

- The simple shape made of robust stainless steel harmonizes with a variety of spaces.

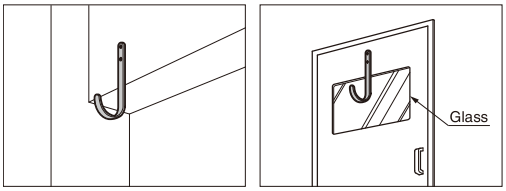
TEST METHOD 4 | SUS | SCREW

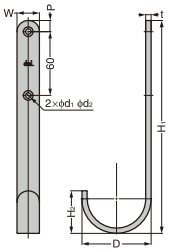
Applications
- Hook for both indoor and outdoor use, such as hanging cords for industrial equipment, hanging in high places such as beams, etc.

Remarks
- The load capacity value indicates the strength of the hook itself and may vary according to the installation wall surface or housing material. Install in a location with sufficient strength or reinforcement.

Parts Included
- DFHK-BJL200: Cross-recessed flat head tapping screws 4×30 (for stainless steel)
- DFHK-BJL275, DFHK-BJL335: Cross-recessed flat head tapping screws 5×30 (for stainless steel)
- The screw heads have the same finish as the hook.

Application Example





Item Code	Item Name	Material	Finish/Colour	D	W	H_1	H_2	P	t	d_1	d_2	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-051-091	DFHK-BJL200-SH	Stainless Steel (SUS304)	Satin	65	21	200	40	10.5	5	5	9	200	20.4	219	4	32
110-051-092	DFHK-BJL200-BL		Paint/Matte Black												4	32
110-051-093	DFHK-BJL275-SH		Satin	100	23	275	60	15	6	6	11			412	4	32
110-051-094	DFHK-BJL275-BL		Paint/Matte Black												4	32
110-051-095	DFHK-BJL335-SH		Satin	125	25	335	75					150	15.3	544	4	16
110-051-096	DFHK-BJL335-BL		Paint/Matte Black												4	16

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP SWING HOOK (W/FRICTION) JF-T45, JF-T70

Latest Info

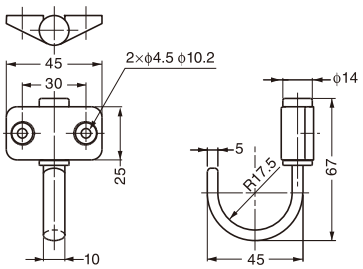


- The arm can rotate 180°.
- Has constant friction in arm preventing unwanted clicking sounds and movement due to vibrations.

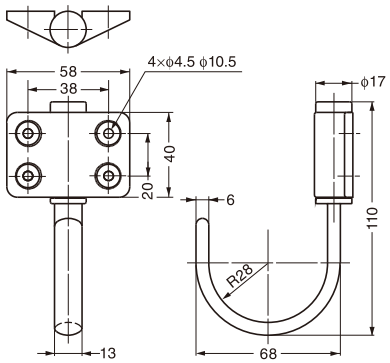
TEST METHOD 4 | SUS | SCREW

Feature

Parts Included
- Truss tapping screw 4×20 (SUS)



JF-T45



JF-T70

Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-083	JF-T45	Stainless Steel (SCS13)	Mirror	98 N	10 kgf	90 g	10 pcs	120 pcs
110-020-084	JF-T70	Stainless Steel (SCS13)	Mirror	98 N	10 kgf	225 g	10 pcs	60 pcs

*SCS13 is equivalent of SUS304.

LAMP SWING HOOK (W/FRICTION) JF-T100

Latest Info

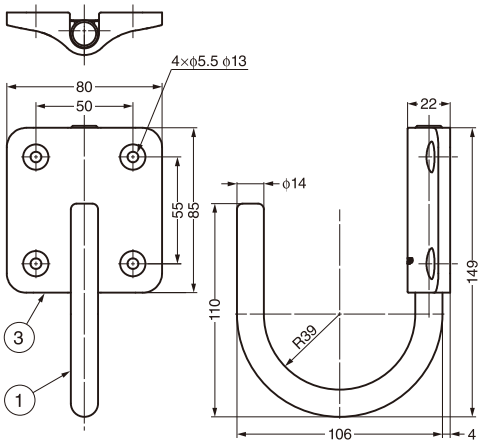


- The arm can rotate 180°.
- Has constant friction in arm preventing unwanted clicking sounds and movement due to vibrations.

TEST METHOD 4 | SUS | SCREW

Feature

Parts Included
- Binding head tapping screw 5×30 (SUS)



No.	Part Name	Material	Finish/Colour
①	Hook	Stainless Steel (SUS304)/Stainless Steel (SUS303)	Mirror
②	Bracket	Polyacetal (POM)	Black
③	Strike	Stainless Steel (SCS13)	Mirror

*SCS13 is equivalent of SUS304.

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-032-414	JF-T100	392 N	40 kgf	638 g	5 pcs	20 pcs

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LAMP STAINLESS STEEL FRICTION TYPE LARGE HOOK WITH SPHERICAL TIP HK-TS

Latest Info



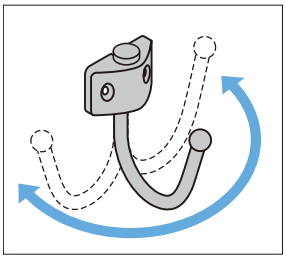
- Hook swivels 180°.
- Friction prevents unintended swivelling caused by vibrations.
- Ball end prevents injury.
- Double-hook type (HK-TT) is also available.

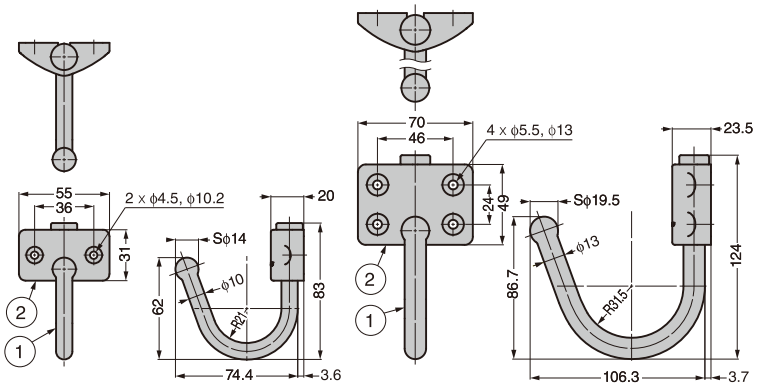
TEST METHOD 19 | SUS | SCREW

Parts Included

- HK-TS70: Size 4 x 25 cross-recessed truss head tapping screws (stainless steel)
- HK-TS100: Size 5 x 35 cross-recessed truss head tapping screws (stainless steel)

Feature





HK-TS70 HK-TS100

No.	Part Name	Material	Finish
①	Hook	Stainless Steel (SUS304)	Polished
②	Strike	Stainless Steel (SCS13)	

Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight (g)
110-041-226	HK-TS70	100	10.2	230
110-041-227	HK-TS100	260	26.5	550

LAMP STAINLESS STEEL FRICTION TYPE LARGE HOOK WITH SPHERICAL TIP HK-TT

Latest Info



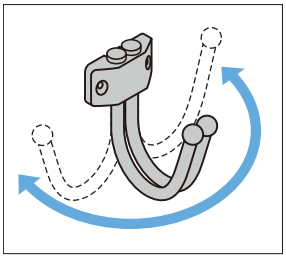
- Hook swivels 180°.
- Friction prevents unintended swivelling caused by vibrations.
- Ball end prevents injury.
- Single-hook type (HK-TS) is also available.

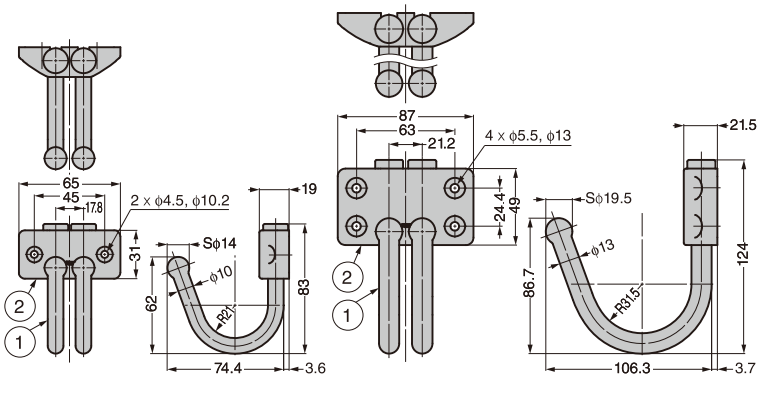
TEST METHOD 19 | SUS | SCREW

Parts Included

- HK-TT70: Size 4 x 25 cross-recessed truss head tapping screws (stainless steel)
- HK-TT100: Size 5 x 35 cross-recessed truss head tapping screws (stainless steel)

Feature





HK-TT70 HK-TT100

No.	Part Name	Material	Finish
①	Hook	Stainless Steel (SUS304)	Polished
②	Strike	Stainless Steel (SCS13)	

Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight (g)
110-041-228	HK-TT70	100	10.2	260
110-041-229	HK-TT100	260	26.5	600

* Load capacity values are for one side only.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP LARGE UTILITY HOOK JF45M, JF70M, JF110M

Latest Info

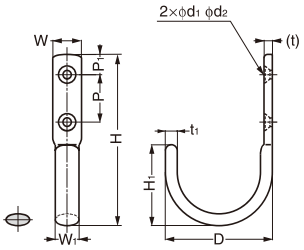


- Large size hooks that can be used to hold items that previously needed to be placed on the floor.
- Mirror finish with attractive shine.

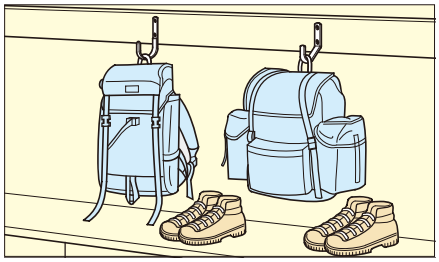
TEST METHOD 4 | SUS | SCREW

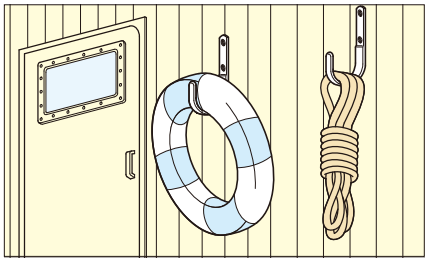
Parts Included

- JF45M: Raised countersunk head wood screw 3.5×16 (SUS)
- JF70M: Raised countersunk head wood screw 4.1×20 (SUS)
- JF110M: Raised countersunk head wood screw 5.1×32 (SUS)



Application Example





Item Code	Item Name	Material	Finish	D	W	W_1	H	H_1	P	P_1	t	t_1	d_1	d_2	Load Capacity		Weight	Box	Carton
110-035-513	JF45M	Stainless Steel (SUS303)	Mirror	45	12	10	72	34	20	8.5	3.5	5	3.8	7.2	98 N	10 kgf	40 g	20 pcs	120 pcs
110-035-515	JF70M	Stainless Steel (SUS303)	Mirror	68	16	13	120	55	35	15	4	6	4.3	8.6	98 N	10 kgf	95 g	6 pcs	36 pcs
110-035-517	JF110M	Stainless Steel (SUS303)	Mirror	110	18	14	200	90	70	17	5.5	8	5.3	10.6	118 N	12 kgf	270 g	5 pcs	30 pcs

LAMP LARGE UTILITY HOOK JF50M, JF80M, JF120M

Latest Info

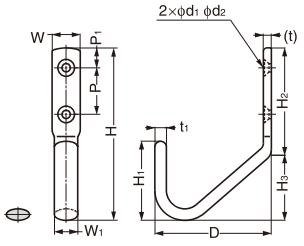


- Large size hooks that can be used to hold items that previously needed to be placed on the floor.
- Mirror finish with attractive shine.

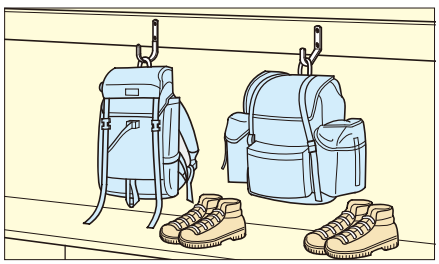
TEST METHOD 4 | SUS | SCREW

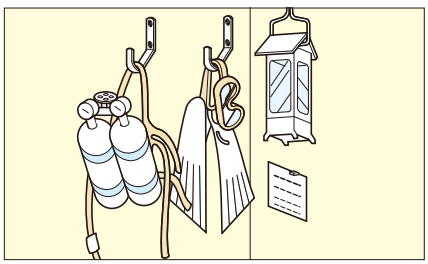
Parts Included

- JF50M: Raised countersunk head wood screw 3.5×16 (SUS)
- JF80M: Raised countersunk head wood screw 4.1×20 (SUS)
- JF120M: Raised countersunk head wood screw 5.1×32 (SUS)



Application Example





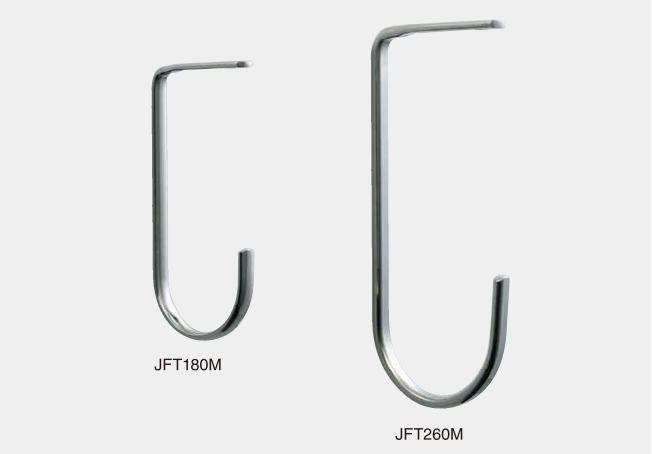
Item Code	Item Name	Material	Finish	D	W	W_1	H	H_1	H_2	H_3	P	P_1	t	t_1	d_1	d_2	Load Capacity		Weight	Box	Carton
110-035-514	JF50M	Stainless Steel (SUS303)	Mirror	50	12	10	74	34	46	28	20	8.5	3.5	5	3.8	7.2	117.6 N	12 kgf	40 g	20 pcs	120 pcs
110-035-516	JF80M	Stainless Steel (SUS303)	Mirror	80	16	13	115	50	65	50	30	15	4	6	4.3	8.6	196 N	20 kgf	95 g	6 pcs	36 pcs
110-020-074	JF120M	Stainless Steel (SUS303)	Mirror	120	18	14	200	90	112	88	70	17	5.5	8	5.3	10.6	216 N	22 kgf	260 g	5 pcs	30 pcs

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LAMP LARGE UTILITY HOOK JFT180M, JFT260M

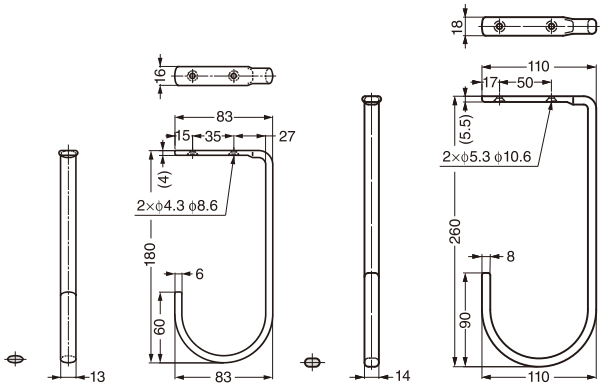
Latest Info



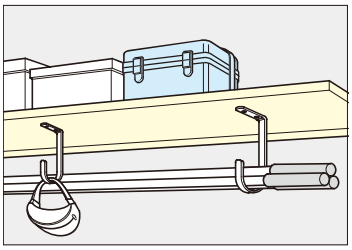
- Large size hooks that can be used to hold items that previously needed to be placed on the floor.
- Mirror finish with attractive shine.

TEST METHOD 4 | SUS | SCREW

Parts Included
- JFT180M : Countersunk head wood screw 4.5×25 (SUS)
- JFT260M : Countersunk head wood screw 5.1×38 (SUS)



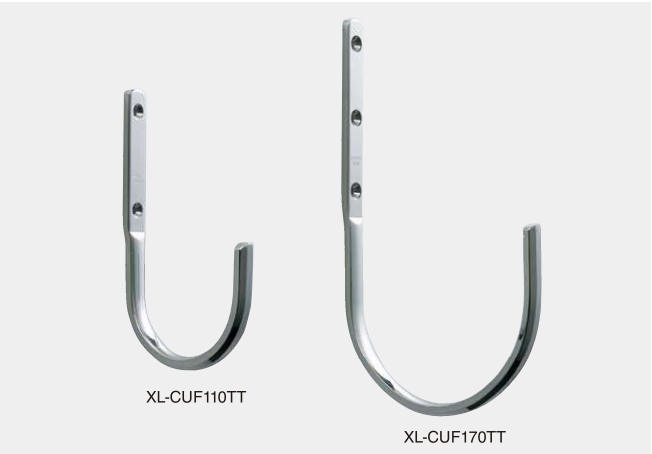
Application Example



Item Code	Item Name	Material	Finish	Load Capacity		Weight	Box	Carton
110-020-080	JFT180M	Stainless Steel (SUS303)	Mirror	98 N	10 kgf	180 g	5 pcs	30 pcs
110-020-081	JFT260M	Stainless Steel (SUS303)	Mirror	147 N	15 kgf	380 g	5 pcs	30 pcs

LAMP LARGE UTILITY HOOK XL-CUF

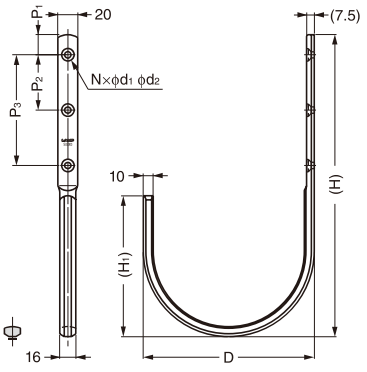
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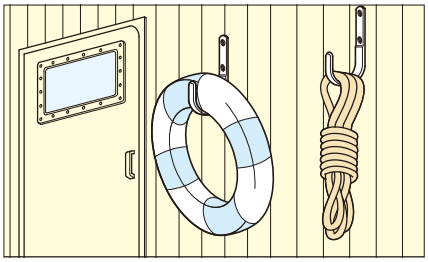
- Large size hooks that can be used to hold items that previously needed to be placed on the floor.
- Surface has an attractive combination of satin and mirror finishes.
- XL-CUJ is a smaller hook with the same combination finish.

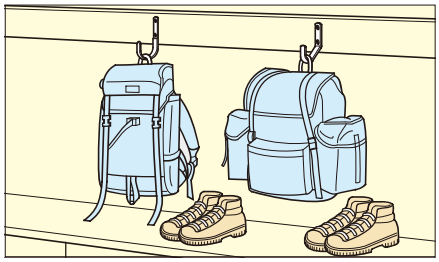
TEST METHOD 4 | SUS | SCREW

Parts Included
- XL-CUF110TT : Countersunk head tapping screw 5×30 (SUS)
- XL-CUF170TT : Countersunk head tapping screw 6×30 (SUS)



Application Example





Item Code	Item Name	Material	Finish	D	H	H_1	P_1	P_2	P_3	N	d_1	d_2	Load Capacity		Weight	Box	Carton
110-020-014	XL-CUF110TT	Stainless Steel (SUS303)	Mirror and Satin Combination	112	198	91	17	–	70	2	5.2	10.5	314 N	32 kgf	362 g	5 pcs	30 pcs
110-020-015	XL-CUF170TT	Stainless Steel (SUS303)	Mirror and Satin Combination	173	300	138.5	20	55	110	3	6.2	12.5	147 N	15 kgf	569 g	5 pcs	20 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP STAINLESS STEEL HOOK HK-DF-G

Latest Info

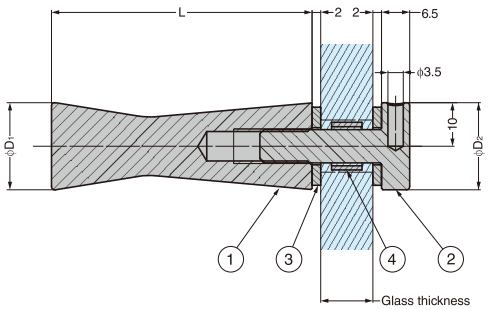


- Recommended for use in shower booths, glass partitions and other glass applications.
- A hook with the same design is also available, allowing for fully design coordinated interiors.
- Screws are hidden, providing a clean appearance.
- Due to its cone shape, there is no up direction or down direction, allowing the hook to be installed at any angle with ease.
- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.

TEST METHOD 4 | TEMPERED GLASS | SUS

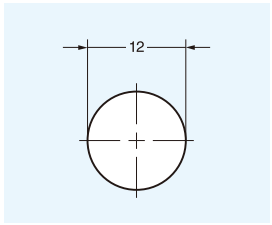
Parts Included

- Gasket
- Tube



No.	Part Name	Material	Finish / Colour
①	Body	Stainless Steel (SUS303)	Polished
②	Base		
③	Gasket	POM	Plain/Black
④	Tube	PVC	Plain/Clear

Cut Out Dimensions for Glass



Item Code	Item Name	Finish/Colour	D_1	D_2	L	Glass Thickness	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-033-706	HK-DF-18G	Polished	18	18	38	8 - 12	150	15.2	70	25	100
110-041-247	HK-DF-18G-BL	Chromate Finish/Matte Black								25	100
110-033-707	HK-DF-20G	Polished	20	20	60				123	25	100
110-041-248	HK-DF-20G-BL	Chromate Finish/Matte Black								25	100

LAMP DOORSTOP HOOK HT-100N NEW

Latest Info

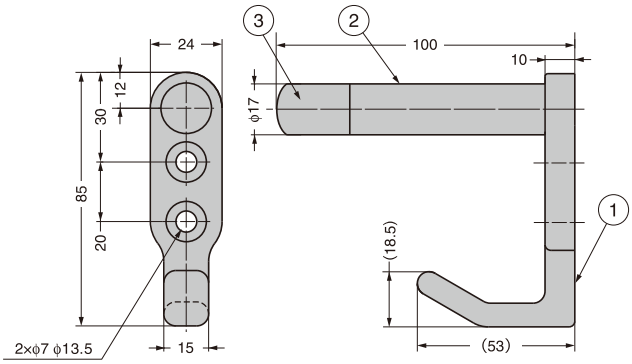


- A wall-mounted doorstop with a hook for coat and bag storage.
- Ideal for public restroom stalls.
- Designed with an elastomeric bumper to dampen door impact.
- Features satin nickel plating for corrosion resistance.

SCREW

Parts Included

- Screw cover (2 pcs)
- Hexagon socket countersunk bolt M6 x 16 (stainless steel / 2 pcs)
- Hexagon socket countersunk bolt M6 x 18 (stainless steel / 2 pcs)



No.	Part Name	Material	Finish/Colour
①	Base	Zinc Alloy (ZDC)	Satin Nickel Plating
②	Body	Brass	
③	Bumper	Chloroprene Rubber	Black

Item Code	Item Name	Load Capacity N	Load Capacity kgf
270-180-551	HT-100N	98	10

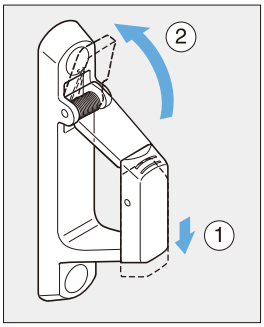
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LAMP LATCH HOOK EN-E107

Latest Info



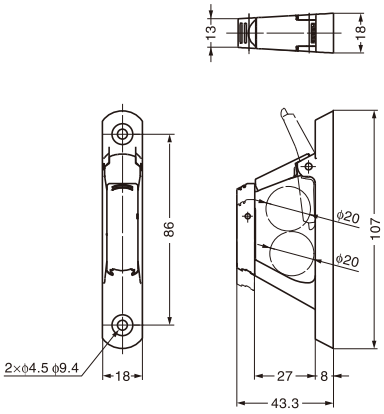



- Pushing down on the front of the latch causes the latch opening to open upward. Detaching is very quick and easy.
- Items can be hooked in simply by a single touch, by pushing them through the latch opening at the top.
- Internal spring causes hook to self close, preventing items from being detached.
- Can handle 2 ropes or chains with diameters of 20mm.
- Suitable for external use including in the marine industry. Recommended for residences, retail shops, clips for pet leashes and all types of marine vessels.
- Slim profile allows mounting in narrow spaces.

TEST METHOD 4 | SUS316 | SCREW

Feature

Parts Included
- Countersunk head tapping screw 4x25 (SUS304)



Item Code	Item Name	Material	Finish	Applicable Rope Dia.	Load Capacity		Weight	Box	Carton
110-028-722	EN-E107	Stainless Steel (SCS14)	Mirror	ϕ20×2	392 N	40 kgf	131 g	10 pcs	60 pcs

*SCS14 is equivalent of SUS316.

LAMP LATCH HOOK EN-K

Latest Info



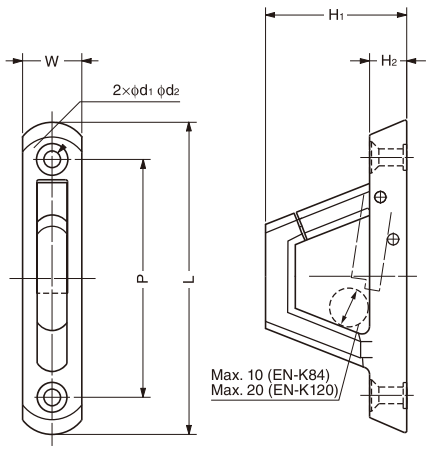


- Internal spring causes hook to self close, preventing items from being detached.
- Slim profile allows mounting in narrow spaces.
- EN-K84 can hold ropes or chains up to to 10mm in diameter. EN-K120 can hold ropes or chains up to 20mm in diameter.
- Suitable for external use including in the marine industry. Recommended for residences, retail shops, clips for pet leashes and all types of marine vessels.

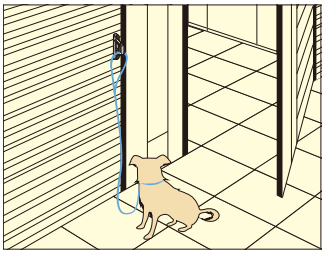
TEST METHOD 4 | SUS316 | SCREW

Feature

Parts Included
- Countersunk head tapping screw 4x25 (SUS)



Application Example




Item Code	Item Name	Material	Finish	L	P	H_1	H_2	W	d_1	d_2	Applicable Rope Dia.	Load Capacity		Weight	Box	Carton
110-020-026	EN-K84	Stainless Steel (SCS14)	Mirror	84	64	38	10	16	4.5	8.5	Max. ϕ10	196 N	20 kgf	92 g	10 pcs	120 pcs
110-010-109	EN-K120	Stainless Steel (SCS14)	Mirror	120	96	54	12	22	5.4	10.5	Max. ϕ20	588 N	60 kgf	280 g	10 pcs	60 pcs

*SCS14 is equivalent of SUS316.

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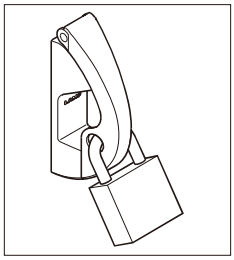
LAMP LOCKABLE LATCH HOOK EN-R80-K

Latest Info





- Designed to be very difficult for items due to fall off due to outer cover.
- The hook has a hole inside it which can be used with a padlock to add security.
- Can handle ropes or chains up to 12mm in diameter.
- Due to its slim profile, can be installed in narrow spaces like door and window frames.



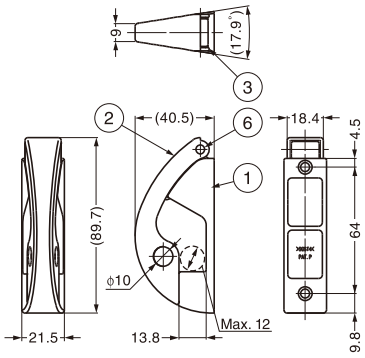
TEST METHOD 4 | SUS316 | SCREW

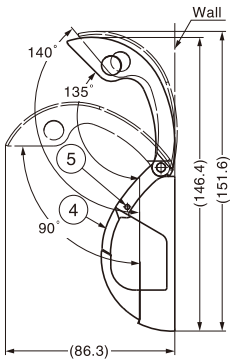
Parts Included
- Recessed head tapping screw 4×25 (SUS)

Feature

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SCS14)	Mirror
②	Cover	Stainless Steel (SUS316)	Mirror
③	O-ring	Ethylene Propylene Rubber (EPDM)	Black
④	Lever	Stainless Steel (SCS14)	Mirror
⑤	Shaft	Stainless Steel (SUS316)	Plain
⑥	Axis	Stainless Steel (SUS316)	Plain

*SCS14 is equivalent of SUS316.





Item Code	Item Name	Applicable Rope Dia.	Load Capacity		Weight	Box	Carton
110-022-201	EN-R80-K	Max. ϕ12	196 N	20 kgf	180 g	10 pcs	60 pcs

LAMP LATCH HOOK EN-R80

Latest Info





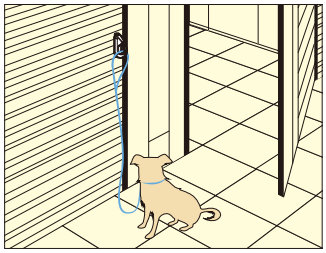
- Internal spring causes hook to self close, preventing items from being detached.
- Slim profile allows mounting in narrow spaces.
- Can hold ropes or chains up to 10mm in diameter.
- Suitable for external use including in the marine industry. Recommended for residences, retail shops, clips for pet leashes and all types of marine vessels.

TEST METHOD 4 | SUS316 | SCREW

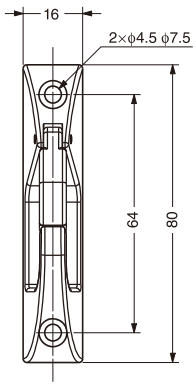
Parts Included
- Pan head tapping screw 4×25 (SUS)

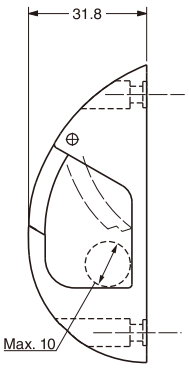
Feature

Application Example









Item Code	Item Name	Material	Finish	Applicable Rope Dia.	Load Capacity		Weight	Box	Carton
110-020-025	EN-R80	Stainless Steel (SCS14)	Mirror	Max. c10	196 N	20 kgf	85 g	10 pcs	120 pcs

*SCS14 is equivalent of SUS316.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

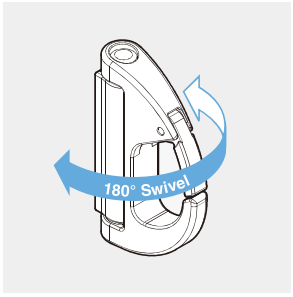
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LAMP FRICTION SWIVEL LATCH HOOK EN-R100F

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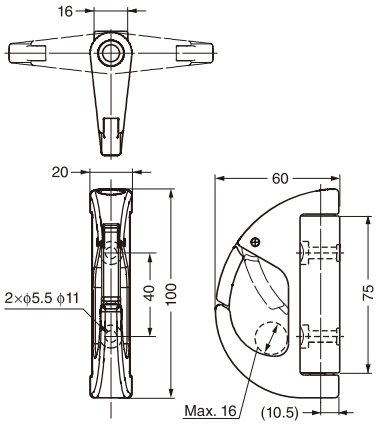
- Hook has spring power, automatically closing the hook and preventing hooked items from falling off.
- Can swivel 90° degrees left and right. It can be swiveled 90° when not in use, keeping it from being in the way.
- Equipped with friction on swiveling axis, preventing unnecessary movement due to vibration.
- Can hold ropes or chains with a diameter of up to 16mm

SUS316 SCREW

Parts Included

- Binding head tapping screw 5×30 (SUS)

Feature



Item Code	Item Name	Material	Finish	Applicable Rope Dia.	Load Capacity		Weight	Box	Carton
110-018-675	EN-R100F	Stainless Steel (SCS14)	Mirror	Max. ϕ16	588 N	60 kgf	350 g	10 pcs	50 pcs

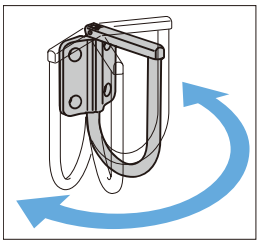
*SCS14 is equivalent of SUS316.

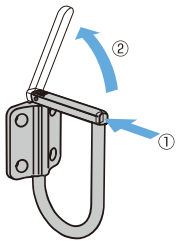
LAMP LARGE LATCH HOOK JN-T100

Latest Info









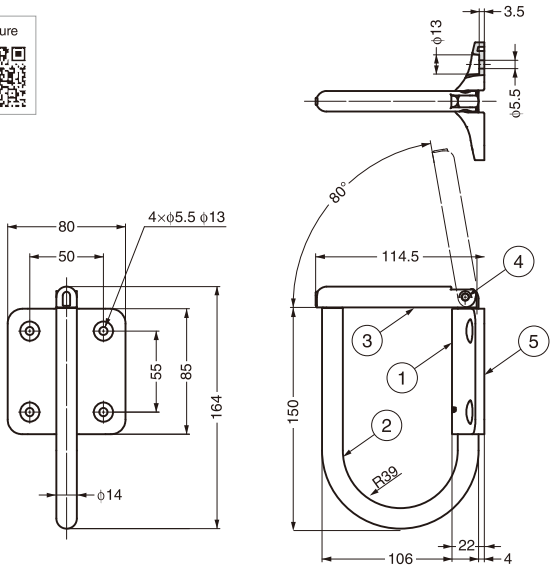
- The arm can rotate 180°.
- Has constant friction in arm preventing unwanted clicking sounds and movement due to vibrations.
- Latch opening shuts automatically, preventing unintended detachment.
- Suitable for use to secure cables, ropes or tubes.

SUS SCREW

Parts Included

- Binding head tapping screw 5×30 (SUS)

Feature



No.	Part Name	Material	Finish
①	Strike	Stainless Steel (SCS13)	Mirror
②	Hook	Stainless Steel (SUS303)	Mirror
③	Arm	Stainless Steel (SCS13)	Mirror
④	Shaft	Stainless Steel (SUS303)	Plain
⑤	Back Plate	Stainless Steel (SUS304)	Plain

*SCS13 is equivalent of SUS304.

Item Code	Item Name	Load Capacity		Weight	Box	Carton
110-022-111	JN-T100	392 N	40 kgf	800 g	5 pcs	20 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP RECESSED HOOK NF-R

Latest Info



- The arm section is spring powered and automatically folds back in when no force is exerted on it.
- The product does not protrude when the arm is folded in, creating a neat design and ensuring safety.
- Can also be mounted to sheet metal using the NF-50D or NF-50 bracket (sold separately).
- A square type is also available.

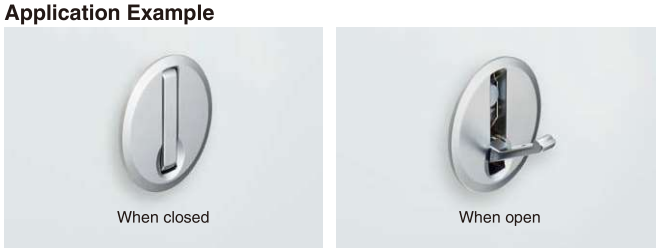
TEST METHOD 18

Remarks
- Remove the cushioning rubber before mounting to a wooden surface.

Sold Separately
- NF-50D bracket, NF-50 bracket (P.844)

Recommended Screw
- Wood mounting (thickness 25-29 mm): Size 4 x 15 cross-recessed pan head tapping screws
- Wood mounting (thickness 30 mm or more): Size 4 x 20 cross-recessed pan head tapping screws

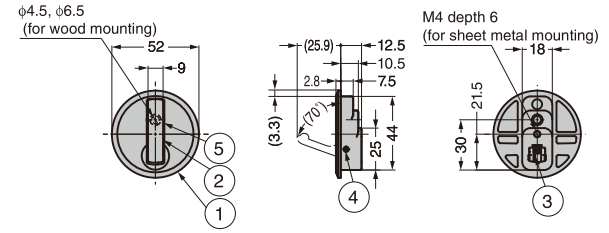
Application Example

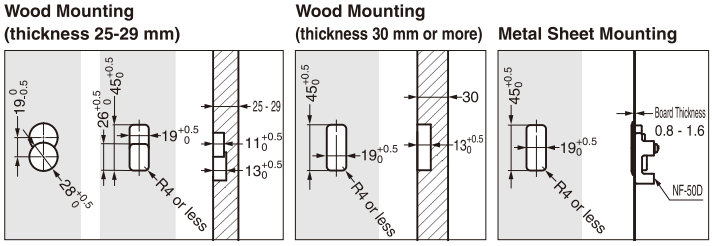


Feature

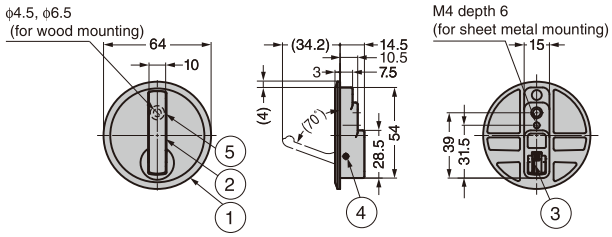
No.	Part Name	Material
①	Main Body	Zinc Alloy (ZDC)
②	Arm	
③	Spring	Stainless Steel (SUS304)
④	Knurled Pin	Stainless Steel (SUS303)
⑤	Cushioning Rubber	Chloroprene Rubber (CR)

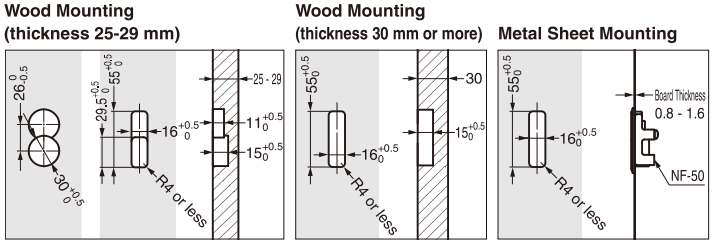
NF-R52



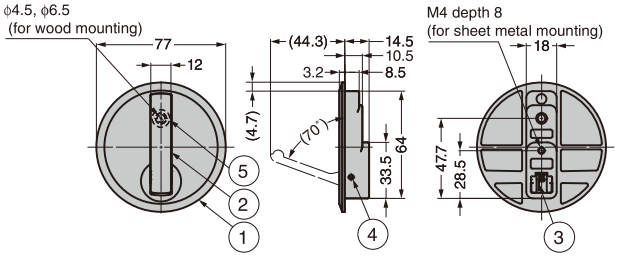


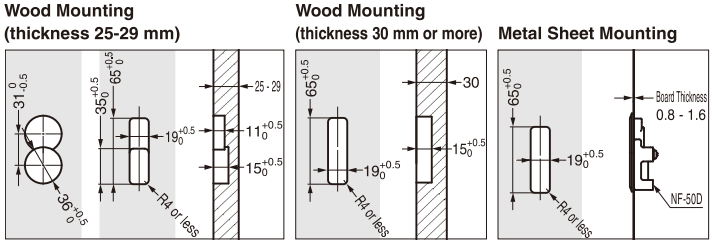
NF-R64





NF-R77





Item Code	Item Name	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-041-175	NF-R52-SCR	Pearl Chrome Plating	196	20	70	10	120
110-041-176	NF-R52-CR	Chrome Plating				10	120
110-041-177	NF-R52-BL	Baked Enamel Finish/Matte Black				10	120
110-020-068	NF-R64-SCR	Pearl Chrome Plating			90	10	120
110-041-178	NF-R64-CR	Chrome Plating				10	120
110-041-179	NF-R64-BL	Baked Enamel Finish/Matte Black				10	120
110-034-954	NF-R64-GP	24K Gold Plating, Clear Coating				10	120
110-041-180	NF-R77-SCR	Pearl Chrome Plating			130	10	120
110-041-181	NF-R77-CR	Chrome Plating				10	120
110-041-182	NF-R77-BL	Baked Enamel Finish/Matte Black				10	120

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS



- The arm section is spring powered and automatically folds back in when no force is exerted on it.
- The product does not protrude when the arm is folded in, creating a neat design and ensuring safety.
- Can also be mounted to sheet metal using the NF-50D or NF-50 bracket (sold separately).
- A round type is also available.

TEST METHOD 18

Remarks
- Remove the cushioning rubber before mounting to a wooden surface.

Sold Separately
- NF-50D bracket, NF-50 bracket (P.844)

Recommended Screw
- Wood mounting (thickness 25-29 mm): Size 4 x 15 cross-recessed pan head tapping screws
- Wood mounting (thickness 30 mm or more): Size 4 x 20 cross-recessed pan head tapping screws

Application Example

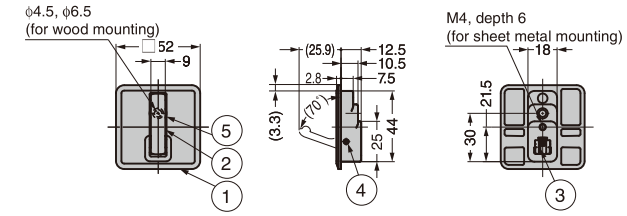


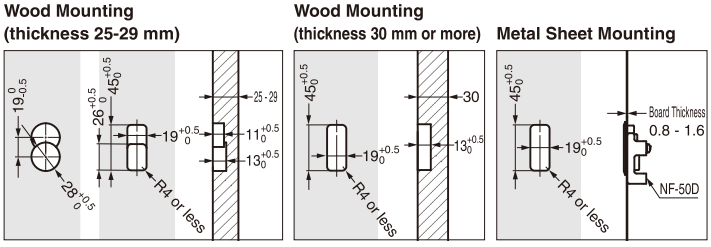


Feature

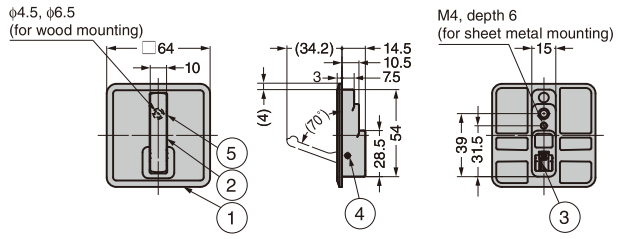
No.	Part Name	Material
①	Main Body	Zinc Alloy (ZDC)
②	Arm	
③	Spring	Stainless Steel (SUS304)
④	Knurled Pin	Stainless Steel (SUS303)
⑤	Cushioning Rubber	Chloroprene Rubber (CR)

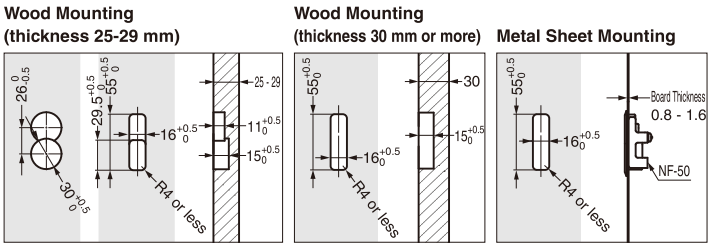
NF-K52



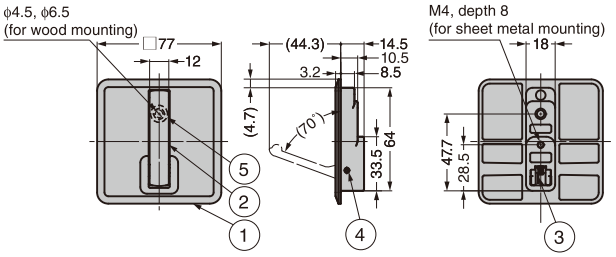


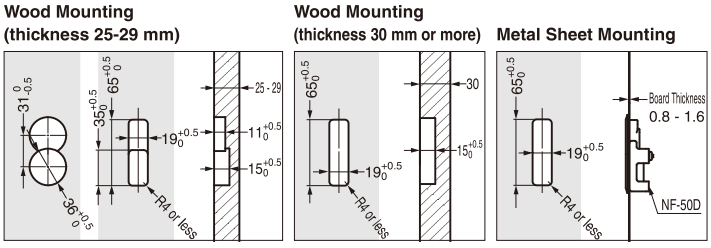
NF-K64





NF-K77





Item Code	Item Name	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-041-183	NF-K52-SCR	Pearl Chrome Plating	196	20	77	10	120
110-041-184	NF-K52-CR	Chrome Plating				10	120
110-041-185	NF-K52-BL	Baked Enamel Finish/Matte Black				10	120
110-041-186	NF-K64-SCR	Pearl Chrome Plating			95	10	120
110-041-187	NF-K64-CR	Chrome Plating				10	120
110-041-188	NF-K64-BL	Baked Enamel Finish/Matte Black				10	120
110-041-189	NF-K77-SCR	Pearl Chrome Plating			145	10	120
110-041-190	NF-K77-CR	Chrome Plating				10	120
110-041-191	NF-K77-BL	Baked Enamel Finish/Matte Black				10	120

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP RECESSED HOOK NF-60, NF-60D

NF-60 NF-60D

NF-60 (Self Closing)



NF-60D (Self and Soft Closing)

Soft-close



NF-60D-BL NF-60D-GR

NF-60D-SL NF-60D-MSL

- Hook comes in two different types: spring-loaded and soft-self closing.
- End of arm is equipped with small protrusion to prevent items from falling off.
- When closed, there is very little protrusion, making it safer and visually appealing.
- When combined with the NF-50/NF-50D bracket, can be used on sheet metal.
- Available in special colours, please contact us for details.

TEST METHOD 18

Remarks
- Please take off the cushion rubber when installing on a wooden panel.

Option
- Bracket: NF-50/NF-50D (for sheet metal application)

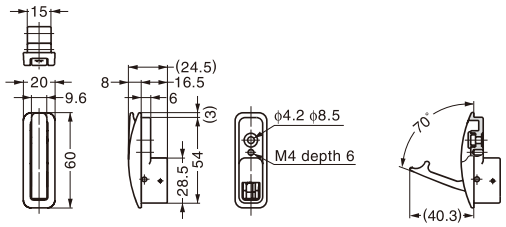
Recommended screws
For wooden board
- Thickness 25 - 29mm : Countersunk head tapping screw 5×20
- Thinkness min 30mm : Countersunk head tapping screw 5×25

Feature Feature

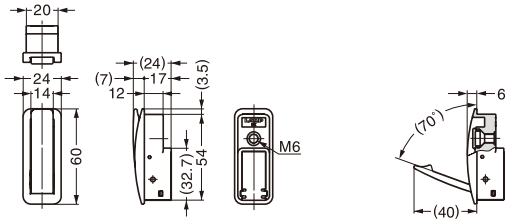


When installed

NF-60

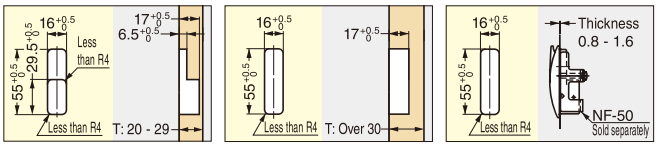


NF-60D



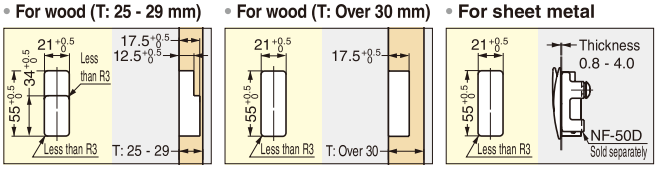
NF-60 Cut Out Dimensions

- For wood (T: 20 - 29 mm)
- For wood (T: Over 30 mm)
- For sheet metal



NF-60D Cut Out Dimensions

- For wood (T: 25 - 29 mm)
- For wood (T: Over 30 mm)
- For sheet metal



Item Code	Item Name	Damper	Bracket	Material	Finish	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-020-067	NF-60	Without	NF-50	Aluminium Alloy	Dark Grey	196 N	20 kgf	31	10	200
110-022-191	NF-60D-GR	With	NF-50D	Aluminium Alloy	Dark Grey	294 N	30 kgf	49	10	200
110-024-598	NF-60D-SL	With	NF-50D	Aluminium Alloy	Silver	294 N	30 kgf	49	10	200
110-027-560	NF-60D-MSL	With	NF-50D	Aluminium Alloy	Silver Metallic	294 N	30 kgf	49	10	200
110-044-237	NF-60D-BL	With	NF-50D	Aluminium Alloy	Black	294 N	30 kgf	49	10	200

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP RESIN FOLDING HOOK (W/SOFT CLOSING FUNCTION) NF-47D

Latest Info



- Soft closing function automatically closes the hook gradually after items on hook are removed.
- The tip of the hook has a grip for easy opening.
- Streamlined design with minimum protrusion when the hook is closed.
- Uses flame retardant material rated UL94HB.
- Also available in special colours. Contact us for details.

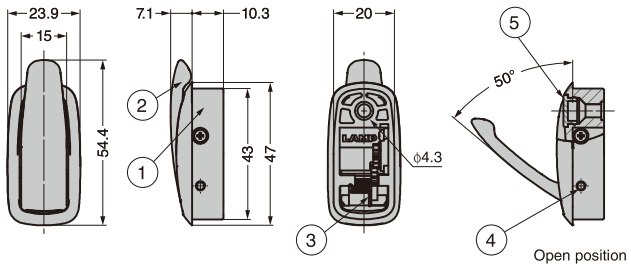
TEST METHOD 18 | SCREW

Application
- Cabinets, train cars, etc.

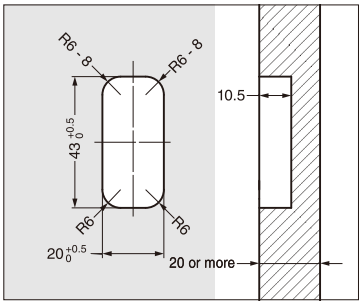
Remarks
- Attach the cushioning rubber after installation.

Recommended Screw
- M4 cross-recessed screw or size 4 countersunk head tapping screw

Feature



Cut Out Dimensions
Wood Mounting (20 mm or thicker)



No.	Part Name	Material	Finish
①	Main Body	Polycarbonate (PC)	Partial Blast Finish
②	Arm		
③	Spring	Stainless Steel (SUS304)	Plain
④	Shaft		
⑤	Cushioning Rubber	Chloroprene Rubber (CR)	–

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-041-087	NF-47D-GR	Grey	75	7.6	11	40	360
110-041-088	NF-47D-DGR	Dark Grey				40	360
110-041-089	NF-47D-WT	White				40	360

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP RECESSED HOOK NF-45D Soft-close Mechanism NEW

Latest Info



- Self-retracting hook with soft-close mechanism.
- The hook tip is designed for easy opening.
- Becomes flat when retracted.
- The edges are gently rounded for safe use.

Applications
- Cabinet, trains

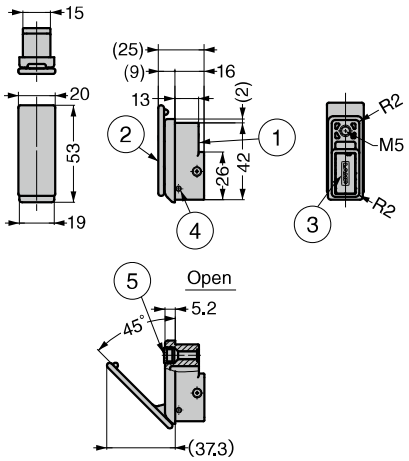
Sold Separately
- Hook bracket for sheet metal NF-45DB

Recommended Screw
- 27 - 31 mm thick wood: cross-recessed countersunk tapping screw 4 × 25
- 32 mm or thicker wood: cross-recessed countersunk tapping screw 4 × 30

Feature

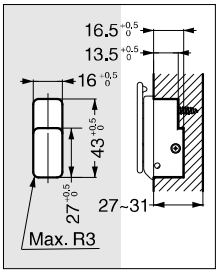
Retractable



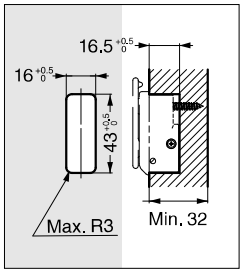


Cut Out Dimensions

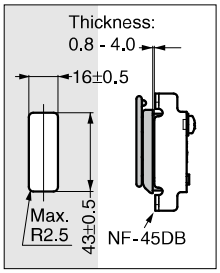
●Wood (27 - 31 mm thick)



●Wood (31 mm or thicker)



●Sheet metal



No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Black / White
② ③	Arm		Gray / Black / Silver / White
④	Cover	POM	Black
⑤	Knurling Pin	Stainless Steel (SUS304)	Plain
⑥	Spring		
⑦	Cushion Rubber	Chloroprene Rubber (CR)	Black / White

Item Code	Item Name	Colour	Load Capacity of the Tip		Load Capacity of the Base		Weight (g)	Box (pcs)	Carton (pcs)
			N	kgf	N	kgf			
110-044-460	NF-45D-GR	Grey	93	9.5	500	51	32	10	200
110-044-461	NF-45D-BL	Black						10	200
110-044-462	NF-45D-SSL	Silver						10	200
110-046-695	NF-45D-WT	White						10	200

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

Update: 11.11.2024

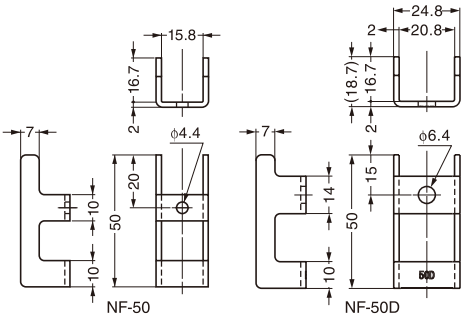
SELECTION GUIDE
HOOKS
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PANEL HANGERS
TOWEL BARS
OTHERS

LAMP BRACKET FOR SHEET METAL NF-50

Latest Info


NF-50


NF-50D



- Bracket for sheet metal applications of NF-R64, NF-60 and NF-60D.

SCREW

Parts Included

NF-50:
- M4×20 stainless steel screw for NF-60
- M4×14 stainless steel screw for NF-R64

NF-50D:
- M6×20 stainless steel screw

Item Code	Item Name	Hook	Material	Finish	Weight	Box	Carton
110-020-021	NF-50	NF-R64, NF-60	Steel	Yellow Zinc Chromate/Clear	22 g	20 pcs	400 pcs
110-024-599	NF-50D	NF-60D	Steel	Zinc Chromate	25 g	30 pcs	360 pcs

LAMP BRACKET FOR RECESSED HOOK NF-47DB

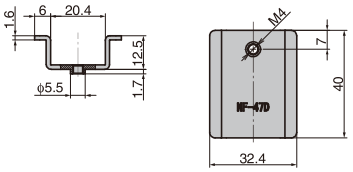
Latest Info



- A bracket for attaching the NF-47D recessed hook to a metal sheet.

SCREW

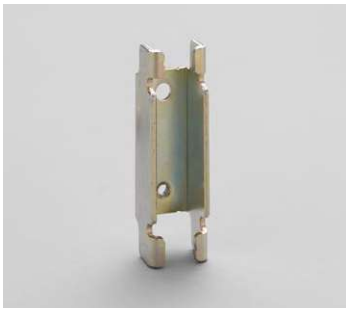
Parts Included
- Size M4 x 16 cross-recessed flat head screws

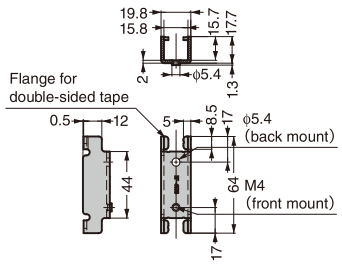


Item Code	Item Name	Material	Finish	Weight (g)
110-042-079	NF-47DB	Steel (SPCC)	Coloured Chromate Finish (Trivalent)	25

LAMP HOOK BRACKET FOR SHEET METAL NF-45DB NEW

Latest Info





- Allows for mount on metal sheet of the NF-45D hook.
- Can be mounted from both front and back sides of sheet metal.
- Has flanges for double-sided tapes. This allows for temporary fixing before screwing. (Recommended thickness of tape: 0.8 - 1.0 mm)

SCREW

Parts Included
- For front mount: cross-recessed countersunk screw M4 × 25
- For back mount: cross-recessed pan head screw (washer assembled)

Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)
110-044-075	NF-45DB	Steel (SPCC)	Yellow Zinc Chromate	40	40

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP COUNTER HOOK HK-CH35

Latest Info



Colour shown on the picture might differ slightly from the actual products.



When not in use, the hook will automatically retract.

- When retracted, the arm will be visible from the sides of the table or board making it easy to tell whether the hook is holding something or not.
- Applicable board thickness: Min. 26 mm. For board thickness below 26 mm, please use an optional spacer to adjust the hook installation position.

TEST METHOD 4 | SCREW

Applications
- Shop, facility, housing, etc.

Remarks
- Install to top board with adequate strength.

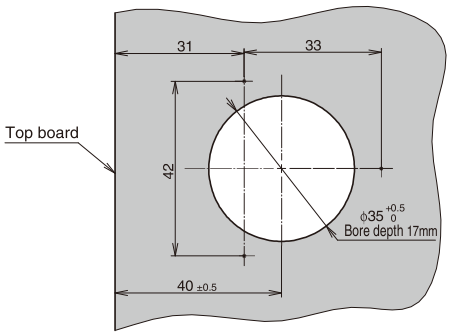
Feature

Parts Included
- Countersunk head tapping screw 4×20

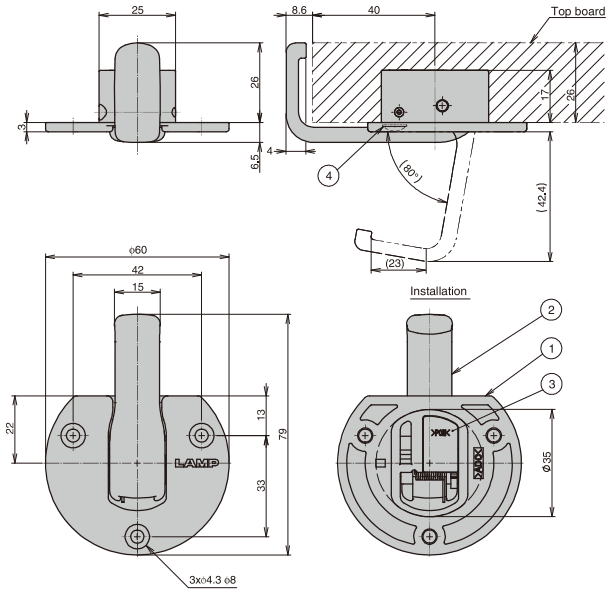
Sold Separately
- Spacer

Board Thickness	Qty of Spacers	Bore Depth
Min. 26 mm	None	17 mm
23 - 26 mm	1 pcs	14 mm
20 - 23 mm	2 pcs	11 mm
17 - 20 mm	3 pcs	8 mm

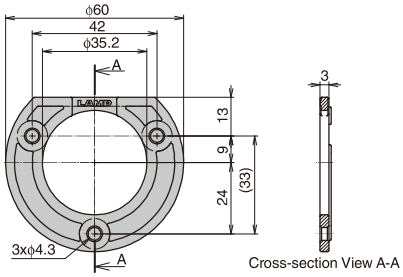
Cut Out Dimensions

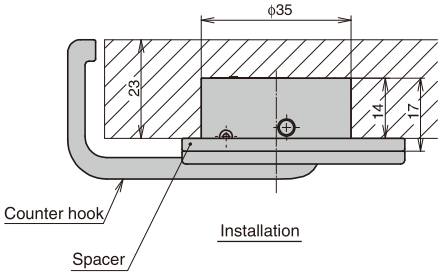


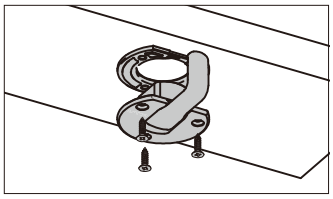
Hook



Spacer







No.	Part Name	Material	Finish / Colour
①	Body	Aluminium Alloy (ADC)	Enamel Finish/Black, Silver, Brown
②	Arm	Aluminium Alloy (ADC)	Enamel Finish/Black, Silver, Brown
③	Cover	POM	–
④	Bumper	PUR	Clear
⑤	Spacer	PA	Black

Hook

Item Code	Item Name	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
110-037-828	HK-CH35-BL	Black	98	10	47.1	10	200
110-037-829	HK-CH35-BR	Brown			47.1	10	200
110-037-830	HK-CH35-SL	Silver			47.1	10	200

Spacer

Item Code	Item Name	Thickness	Weight (g)	Box (pcs)	Carton (pcs)
110-037-831	HK-CH35-DP3	3	5.1	100	1000

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP SLIDE HOOK HK-CS30 Stainless Steel NEW

Latest Info



Retracted Extended

- An extendable and retractable hook. Designed to be surface-mounted underneath tables, desks, and shelves.
- Body is thin and space-saving.
- Has slide resistance, which prevents unintentional operation.

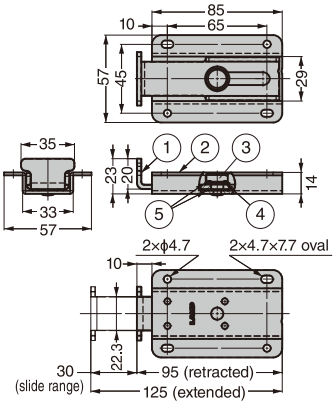
TEST METHOD 19 | SUS | SCREW

Application
- Open terrace, office, shops

Remarks
- Make sure the board has sufficient strength to withstand the load.

Parts Included
- Cross-recessed pan head tapping screws 4 x 20 (stainless steel)

Recommended Screw
- M4 screws (stainless steel)



Application



No.	Part Name	Material	Finish
①	Arm	Stainless Steel (SUS304)	Barrel Polished
②	Base		
③	Shaft	Stainless Steel (SUS303)	–
④	Wave Washer	Stainless Steel	
⑤	Plastic Washer	Polyacetal (POM)	

Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)
110-054-813	HK-CS30	100	10.2	190	10

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP PANEL HANGER AUH NEW

Latest Info



- Panel can be easily attached/detached without tools.
- Distance to wall is only 5 mm.
- Continuous panels can also be installed easily.
- Can prevent warping of large size panels.
- Mounting holes can be set in the groove of screw guide (see drawing).

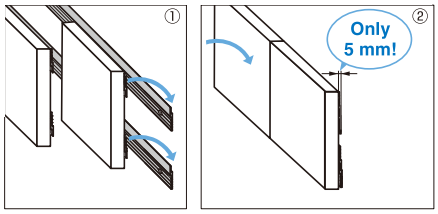
Applications
- Exhibition panels, paintings, furniture.

Remarks
- Be sure to install panel to wall made from strong materials.
- Actual load capacity varies depending on use conditions.
  The load capacity in the catalog is based on the conditions below.
  ·Numbers of AUH: 2 pcs
  ·Length : 700mm
  ·Distance between 2 AUH : 780mm
  ·Panel Height : 900mm
  ·Panel Length : 700mm
  ·Panel Thickness : 25mm

Feature

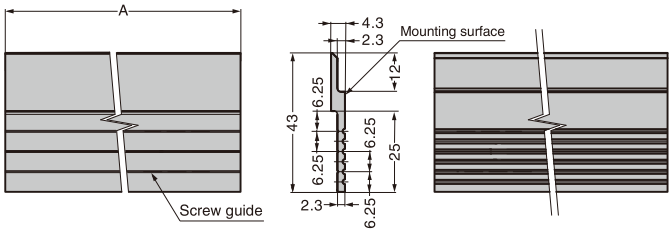
Recommended Screws
- Countersunk head tapping screw 4

Panel Installation

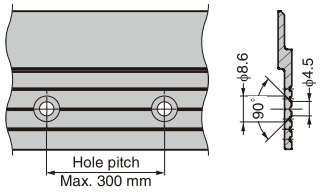


Example



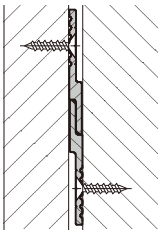


Cut Out Dimensions



Mounting holes should be located symmetrically to the centre of mounting surface, with the pitch below 300mm.

Installation



Item Code	Item Name	A	Material	Finish	Load Capacity N	Load Capacity kgf	Weight (g)	Carton (pcs)
110-021-888	AUH-900	900	Aluminium Alloy	Anodised Silver	294.2	30	35	10
110-023-958	AUH-2700	2700					700	10

LAMP PANEL CATCH AUH-C70 For Panel Hanger "AUH" NEW

Latest Info



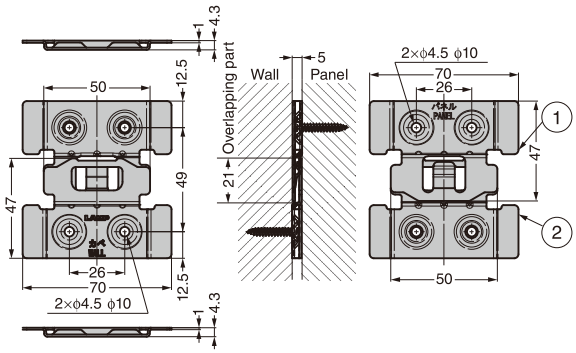
- Holds panels hanged with the AUH in place.
  This catching function prevents panels from moving or falling even when bumped.
- Specially designed for use with the AUH panel hanger.
- The correct mounting position can be found by simply aligning with the AUH.

SUS

Remarks
- Please make sure that the panel is not subject to a pulling force when using the AUH-C70 without the AUH.
- Recommended quantity per panel: two
- The retaining force may vary. Please confirm with actual products before use.
- When used together with the AUH, make space for mounting/dismounting that is larger than the overlapping part.

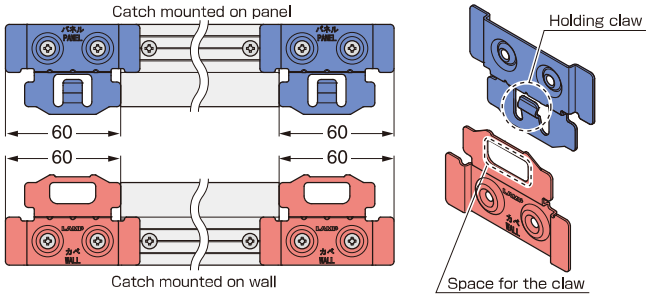
Feature

Recommended Screw
- Cross-recessed countersunk head tapping screw 4



No.	Part Name	Material	Finish/Colour
①	Catch mounted on panel	Stainless Steel	Barrel
②	Catch mounted on wall	(SUS304)	Polished

Drawing when using two AUH-C70 and AUH



Item Code	Item Name	Retaining Force N	Retaining Force kgf	Load Capacity N*	Load Capacity kgf*	Weight (g)
110-044-905	AUH-C70	50	5.1	100	10.2	41

* The load capacity is a value when using the AUH-C70 alone. When using with the AUH, please see the load capacity of the AUH.

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP PANEL HANGER AUH-H High Load Capacity NEW

Latest Info

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS



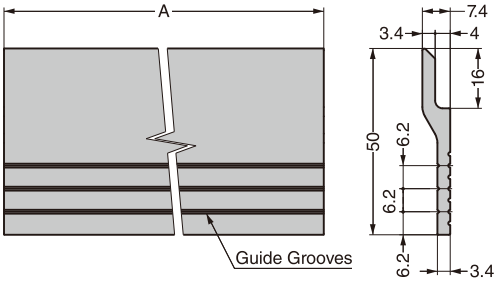
- A high load capacity model of the panel hanger AUH (P.847). Panels can easily be hung or removed without tools.
- Made of aluminium alloy for easy cutting.
- The guide grooves allow for easy alignment of screws.

Application
- Display panels, paintings, furniture

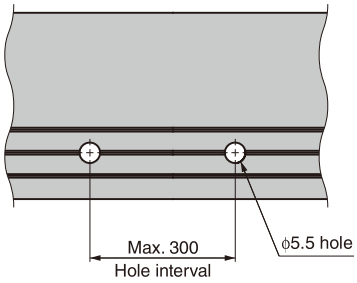
Remarks
- Ensure to mount the panels to a section of the wall that has a solid backing, such as a pillar, behind it.
- Cannot be used together with the panel catch AUH-C70 (P.847).

Feature

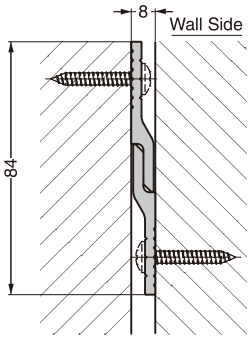
Recommended Screw
- Cross-recessed truss head tapping screw 5



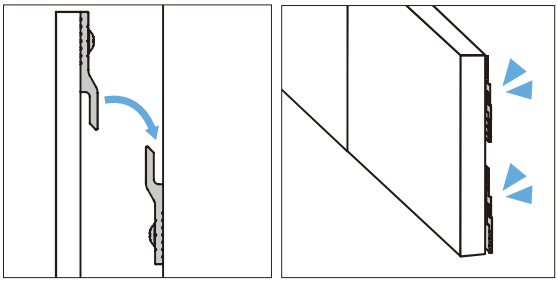
Cut Out Dimensions
- The interval of the mounting holes should be 300 mm or less at the center of the mounting surface.



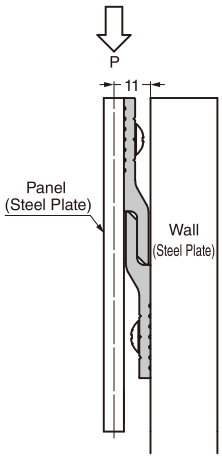
Installation



Panel Installation
Insert the panel-side component into the wall-side component.



Load Capacity Specifications
- The load capacity is calculated by carefully applying force (P) in the vertical direction to the panel hanger (dimension A: 320 mm) as shown in the figure (M5 truss screws used). Values may vary depending on the distance between the wall and the load, as well as the type of mounting screws used.



Item Code	Item Name	A	Material	Finish	Load Capacity N	Load Capacity kgf	Weight (g)
110-053-847	AUH-H900	900	Aluminium Alloy	Silver Anodised	588.4	60	441
110-053-848	AUH-H2700	2700					1323

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
LATCH HOOKS
RECESSED HOOKS
PANEL HANGERS
TOWEL BARS
OTHERS

LAMP FRAME HANGER SP

Latest Info

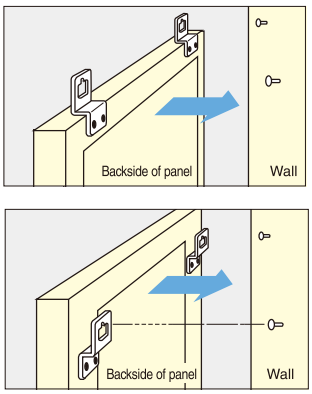


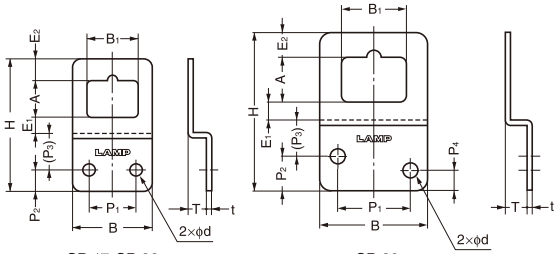
TEST METHOD 3 | SUS | SCREW

Parts Included

- SP-17: Round head wood screw 2.7×13 (SUS)
- SP-22: Round head wood screw 3.1×16 (SUS)
- SP-30: Round head wood screw 3.5×16 (SUS)

Application Example





Item Code	Item Name	Material	Finish	B	B_1	H	A	P_1	P_2	P_3	P_4	d	E_1	E_2	T	t	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-020-075	SP-17	Stainless Steel (SUS304)	Polished	17	10.5	28.5	7	8	4.5	9.5	–	2.7	3.5	4	4	1.2	98 N	10 kgf	4	200	1000
110-020-076	SP-22	Stainless Steel (SUS304)	Polished	22	14	36.5	10	13	6	10	–	3.3	4.5	6	5	1.5	98 N	10 kgf	8	200	1000
110-020-077	SP-30	Stainless Steel (SUS304)	Polished	30	18	43.5	12	20	9.5	10	5.5	4.2	5	7	6	1.5	98 N	10 kgf	13	100	500

LAMP FRAME HANGER AP

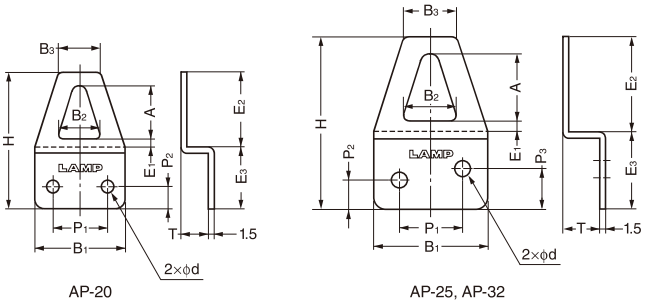
Latest Info



TEST METHOD 3 | SUS | SCREW

Parts Included

- AP-20: Round head wood screw 2.7×13 (SUS)
- AP-25: Round head wood screw 3.1×16 (SUS)
- AP-32: Round head wood screw 3.5×16 (SUS)



Item Code	Item Name	Material	Finish	B_1	B_2	B_3	H	A	P_1	P_2	P_3	d	E_1	E_2	E_3	T	Load Capacity		Weight(g)	Box(pcs)	Carton(pcs)
110-029-270	AP-20	Stainless Steel (SUS304)	Polished	20	9.2	9.2	30.4	11.8	12	5	–	2.8	2	16.8	13.6	6	98 N	10 kgf	6	100	1000
110-029-271	AP-25	Stainless Steel (SUS304)	Polished	25	11.5	11.5	37.5	14.7	14	6.5	9	3.3	2.5	20.5	17	8	98 N	10 kgf	10	100	1000
110-029-272	AP-32	Stainless Steel (SUS304)	Polished	32	14.8	14.8	47	17.2	18	8	12	4.2	3.2	24.5	22.5	10	98 N	10 kgf	16	100	1000

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
HOOKS
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OTHERS

Zwei L. STAINLESS STEEL TOWEL BAR ZL-3202

Latest Info



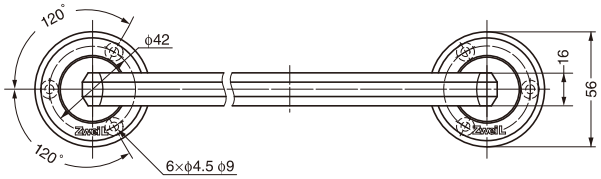


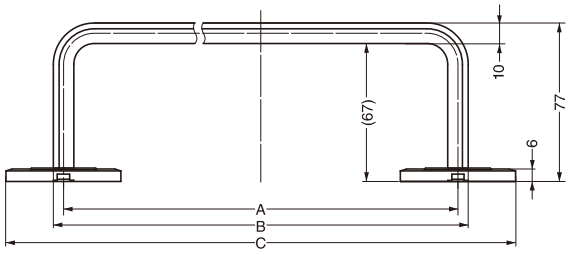
- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Can be used in areas exposed to water such as shower booths.

SUS316 SCREW

Concept

Parts Included
- Countersunk head wood screw 4.1×25 (SUS)
- Lock plug
- Hex key

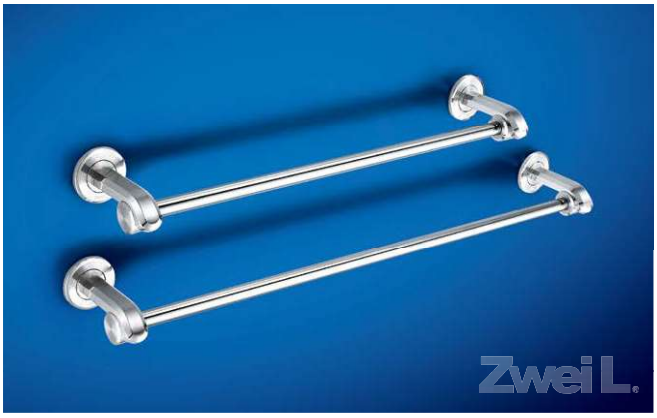




Item Code	Item Name	Material	Finish	A	B	C	Weight	Box
110-020-414	ZL-3202-480	Stainless Steel (SUS316)	Zwei L Finish	480	490	536	-	1 pc
110-020-415	ZL-3202-640	Stainless Steel (SUS316)	Zwei L Finish	640	650	696	1402 g	1 pc

Zwei L. STAINLESS STEEL TOWEL BAR ZL-3203

Latest Info



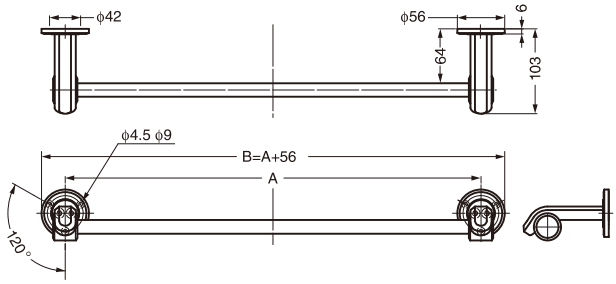


- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with a plug, allowing for installation into hard surfaces like concrete or tile.
- Designed so that installation screw is not visible after installation
- Can be used in areas exposed to water such as shower booths.

SUS316 SCREW

Concept

Parts Included
- Countersunk head wood screw 4.1×32 (SUS)
- Plug
- Hex key



Item Code	Item Name	Material	Finish	A	B	Weight	Box
280-021-830	ZL-3203-480	Stainless Steel (SUS316)	Zwei L Finish	480	536	2000 g	1 pc
280-021-831	ZL-3203-640	Stainless Steel (SUS316)	Zwei L Finish	640	696	2200 g	1 pc

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP. TOWEL BAR (PREMIUM WOOD SERIES) PXB-WM06

Latest Info



Meticulously selected materials are hand processed to create this towel bar. The defined lines of the metal contrast with the warmth of natural wood to create a visually appealing linear design.

- The matte black finish is coated with a special chromate. This type combines the desirable glossiness of paint with the unique strength of plating.
- A wide array of matching products is available, allowing for total design coordination.

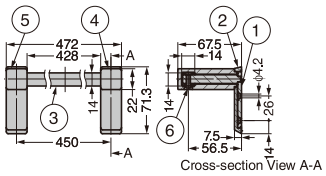
INSTRUCTION | SCREW

Remarks

- As this product is made from natural wood, the grain and colour differ from one item to another.

Parts Included

- Size 4 x 32 cross-recessed flat head tapping screws
- Nominal 2.5 hex bar spanner



Cross-section View A-A

Variations


PXB-WM06-450-MK


PXB-WM06-450-AS


PXB-WM06-450-WN

No.	Part Name	Material	Finish/Colour
①	Base	Steel (SS)	Nickel Plating
②	Base Cover	Zinc Alloy (ZDC)	See table below
③	Bar	Aluminium Alloy	Anodised
④	Arm R	See table below	Clear Coating
⑤	Arm L		
⑥	Hex Socket Button Bolts	Stainless Steel	Plain

Item Code	Item Name	Finish/Colour (Bar)	Finish/Colour (Base Cover)	Material (Arm)	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-751	PXB-WM06-450-MK	Anodised/ Stainless Steel Look	Satin Finish/ Stainless Steel Colour	Natural Wood (Monarch Birch)	100	10.2	370	1	8
280-033-752	PXB-WM06-450-AS			Natural Wood (Japanese Hop-hornbeam)				1	8
280-033-753	PXB-WM06-450-WN	Anodised/Matte Black	Chromate Finish/Matte Black	Natural Wood (Walnut)				1	8

LAMP. TOWEL BAR (URBAN METAL SERIES) PXB-UM06-450

Latest Info



A deceptively simple looking towel bar emphasizing modern urban sensibilities.

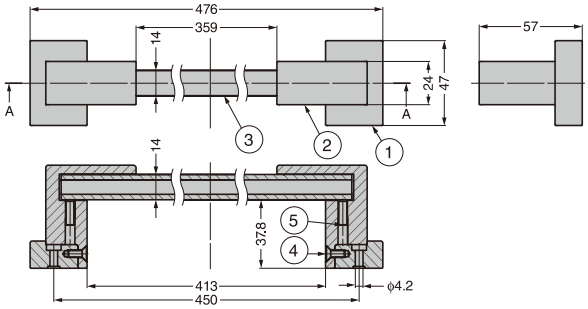
The edges have been gently rounded and the surface has been carefully and delicately processed.

- A wide array of matching products is available, allowing for total design coordination.

INSTRUCTION | SCREW

Parts Included

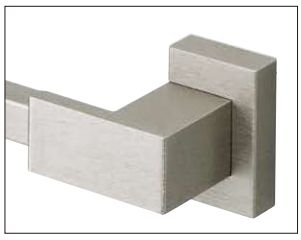
- Size 4 x 32 cross-recessed pan head tapping screws
- Nominal 2.5 hex bar spanner



Cross-section View A-A

PXB-UM06-450-ST

PXB-UM06-450-BL



Installation

No.	Part Name	Material	Finish/Colour
①	Base	Aluminium Alloy	See table below
②	Arm		
③	Bar		
④	Hex Socket Flat Head Screws	Stainless Steel	Plain, Baked Enamel Finish/Black
⑤	Hexagon Socket Set Screws		Plain

Item Code	Item Name	Material	Finish/Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-747	PXB-UM06-450-ST	Aluminium Alloy	Anodised/Stainless Steel Look	100	10.2	400	1	8
280-033-748	PXB-UM06-450-BL		Anodised/Matte Black				1	8

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP TOWEL BAR (URBAN METAL QUEST SERIES) PXB-UM06-450-Q1

Latest Info



PXB-UM06-450-Q1-BL PXB-UM06-450-Q1-GL



Installation

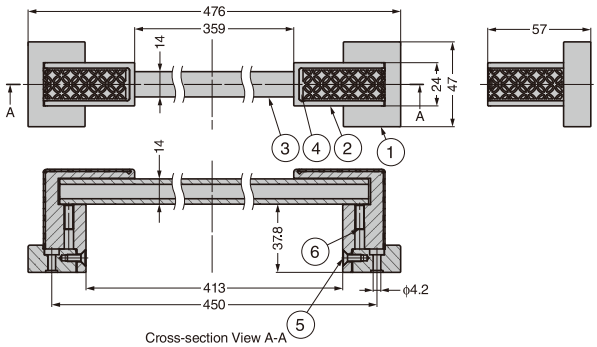
A lattice pattern that combines both modern and classic elements into a seamless holistic towel rack design and finish. The resulting ambience is both precise and 3 dimensional, bestowing a graceful beauty on its surroundings.

- A wide array of matching products is available, allowing for total design coordination.

INSTRUCTION SCREW

Parts Included

- Size 4 x 32 cross-recessed pan head tapping screws
- Nominal 2.5 hex bar spanner



Cross-section View A-A

No.	Part Name	Material	Finish
①	Base	Aluminium Alloy	See table below
②	Arm		
③	Bar		
④	Decorative Plate	Free-Cut Brass	
⑤	Hex Socket Flat Head Screws	Stainless Steel	Baked Enamel Finish/Black, Gold
⑥	Hexagon Socket Set Screws		Plain

Item Code	Item Name	Material	Finish/Colour(Main Body)	Finish (Decorative Plate)	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-749	PXB-UM06-450-Q1-BL	Aluminium Alloy, Free-Cut Brass	Anodised/Matte Black	Black Nickel Plating	100	10.2	400	1	8
280-033-750	PXB-UM06-450-Q1-GL		Anodised/Matte Gold	24K Gold Plating				1	8

LAMP TOWEL BAR (AGED CAST SERIES) PXB-AC06-450

Latest Info



PXB-AC06-450-BL PXB-AC06-450-BR



Generous amounts of brass cast into a nostalgic and rugged finish. A design that is both substantial and reliable and will continue to retain its allure.

- A wide array of matching products is available, allowing for total design coordination.

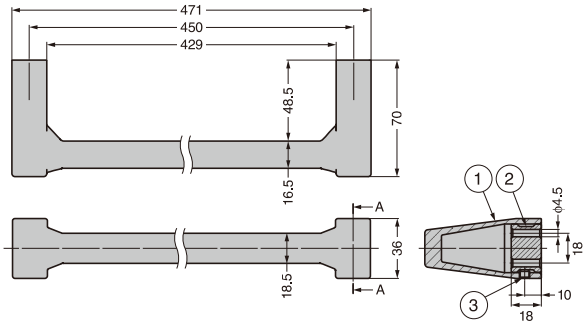
SCREW

Remarks

- The finish of the products varies as the finishing process works with the natural characteristics of the material.

Parts Included

- Size 4 x 50 cross-recessed pan head tapping screws
- Size M4 plain washers
- Lock plug (for nominal 4, compatible with ϕ6 drill, plug length 30)



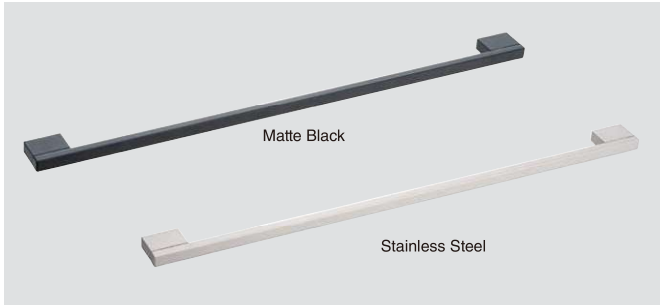
No.	Part Name	Material	Finish/Colour
①	Main Body	Brass	See table below
②	Frame		Chromate Finish
③	Size M6 x 5 Hexagon Socket Set Screws	Steel	Black Chromate Finish (Trivalent)

Item Code	Item Name	Material	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-720	PXB-AC06-450-BL	Brass	Black Bronze	100	10.2	1600	1	4
280-033-721	PXB-AC06-450-BR		Brown Bronze				1	4

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP TOWEL BAR TW-585 Back Mount Compatible NEW

Latest Info



- A towel rack with a minimalist design.
- Can be back or surface mounted.

INSTRUCTION | SCREW

Applications

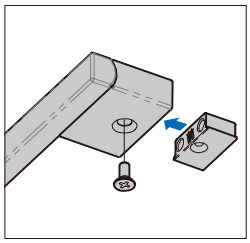
- Kitchen and washbasin towel rack, furniture, etc.

Parts Included

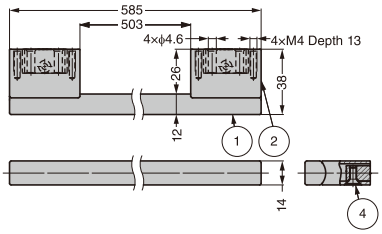
- Surface Mount: Pan head tapping screw nominal 4x45 (Coloured Chromate/ Trivalent, Steel)
- Back Mount: Cross-Recessed Truss Head Screw M4x30 (Plain, Stainless)

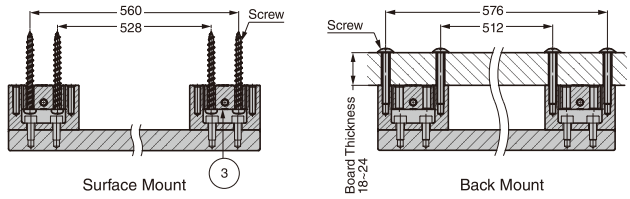


Close Up



The base and body are connected with a screw.





No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy	Baked Enamel Paint/Matte Black, Stainless Steel
②	Leg	Zinc Alloy (ZDC)	
③	Top		Coloured Chromate(Trivalent)
④	Cross-recessed flat head screws M4×10	TW-585BL:Steel TW-585ST:Stainless Steel	TW-585BL:Iron trioxide film treatment TW-585ST:Plain

Item Code	Item Name	Main Material	Colour	Load Capacity N	Load Capacity kgf	Weight (g)
280-054-501	TW-585BL	Aluminium Alloy	Matte Black	100	10.2	385
280-054-502	TW-585ST		Stainless Steel			

LAMP STAINLESS STEEL TOWEL BAR KB-T

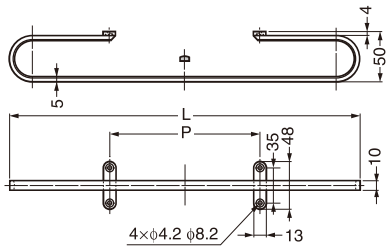
Latest Info



SUS | SCREW

Parts Included

- Raised countersunk head tapping screw 4×20 (SUS)



Item Code	Item Name	Material	Finish	L	P	Weight	Box
110-020-209	KB-T-350	Stainless Steel (SUS303)	Mirror	350	150	325 g	1 pc
110-020-210	KB-T-450	Stainless Steel (SUS303)	Mirror	450	250	397 g	1 pc

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

SELECTION GUIDE
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OTHERS

Zwei L. STAINLESS STEEL TOWEL BAR ZL-3201

Latest Info



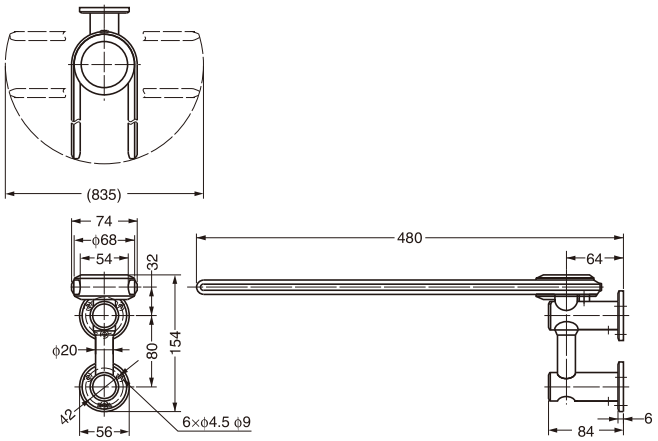


- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Can be used in areas exposed to water such as shower booths.

SUS316 SCREW

Concept

Parts Included
- Countersunk head wood screw 4.1×32 (SUS)
- Lock plug
- Hex key



Item Code	Item Name	Material	Finish	Weight	Box
110-020-413	ZL-3201	Stainless Steel (SUS316)	Zwei L Finish	3135 g	1 pc

Zwei L. STAINLESS STEEL TOWEL BAR ZL-3204

Latest Info



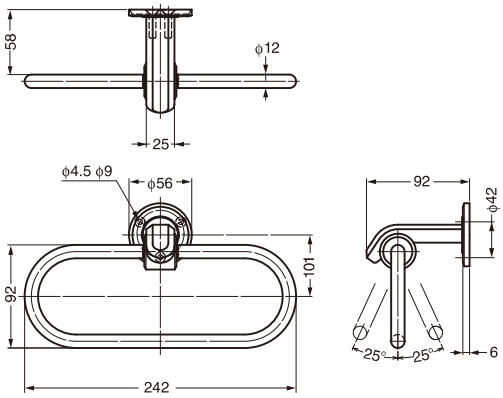


- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with a plug, allowing for installation into hard surfaces like concrete
- Designed so that installation screw is not visible after installation
- Can be used in areas exposed to water such as shower booths.

SUS316 SCREW

Concept

Parts Included
- Countersunk head wood screw 4.1×32 (SUS)
- Plug
- Hex key
- Special tool for the ring



Item Code	Item Name	Material	Finish	Weight	Box
280-021-832	ZL-3204	Stainless Steel (SUS316)	Zwei L Finish	1200 g	1 pc

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

Zwei L. STAINLESS STEEL TOWEL BAR ZL-3205

Latest Info





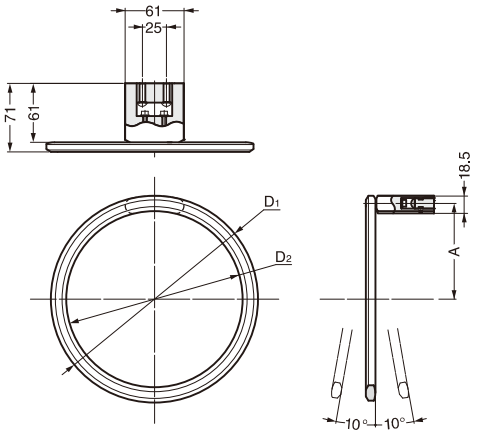
- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with a plug, allowing for installation into hard surfaces like concrete
- Designed so that installation screw is not visible after installation
- Can be used in areas exposed to water such as shower booths.

SUS316 SCREW

Concept

Parts Included

- Round head wood screw 5.8×65 (SUS)
- Plug
- Hex key



Item Code	Item Name	Material	Finish	D_1	D_2	A	Weight	Box
280-023-264	ZL-3205-172	Stainless Steel (SUS316)	Zwei L Finish	172	140	78	1224 g	1 pc
280-023-265	ZL-3205-215	Stainless Steel (SUS316)	Zwei L Finish	215	183	99.5	1453 g	1 pc

LAMP. TOWEL BAR (AGED SCREW SERIES) PXB-AS06-160

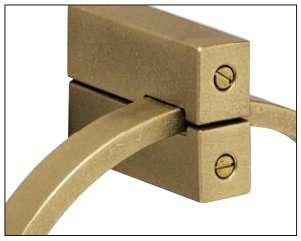
Latest Info



PXB-AS06-160-BR



PXB-AS06-160-SD



Installation

Generous amounts of brass cast into a nostalgic and rugged finish. Slotted front installation screws, influenced by old-fashioned American interiors.

- The ring can rotate forward and backward slightly. A spring inside will return the ring to its initial position when no more force is applied.
- The ring won't bump against the wall, eliminating the need for worry about noise or scratches.
- A wide array of matching products is available, allowing for total design coordination.

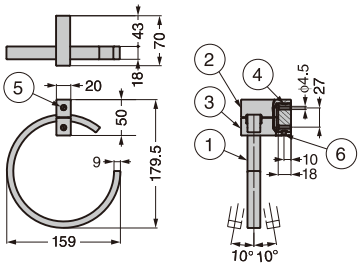
SCREW

Remarks

- The finish of the product can vary as the surface processing is effected by the individual properties of each section of brass.
- The slotted set screws are for decoration only. Use the included screws to mount this product.

Parts Included

- Size 4 x 50 cross-recessed pan head tapping screws
- Size M4 plain washers
- Plug (for nominal 4 screws, compatible with ϕ6 drill, plug length 30)



No.	Part Name	Material	Finish/Colour
①	Ring	Brass	See table below
②	Base Top		
③	Base Bottom		
④	Frame		Coloured Chromate Finish
⑤	Size M4 x 5 Slotted Flat Head Screws		See table below
⑥	Size M6 x 6 Hexagon Socket Set Screws	Steel	Black Chromate Finish (Trivalent)/Gold Substitute Plating

Item Code	Item Name	Old Item Name	Material	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-730	PXB-AS06-160-BR	PXB-AS06-450-BR	Brass	Brown Bronze	60	6.1	980	1	4
280-033-731	PXB-AS06-160-SD	PXB-AS06-450-SD		Clear Bronze				1	4

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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Zwei L. STAINLESS STEEL TOILET PAPER HOLDER ZL-3301

Latest Info

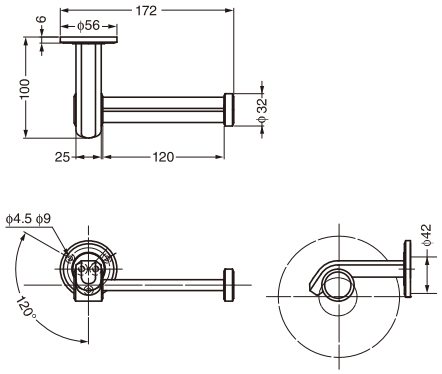


- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- Comes with a plug, allowing for installation into hard surfaces like concrete
- Designed so that installation screw is not visible after installation

SUS316 | SCREW

Parts Included
- Countersunk head wood screw 4.1×32 (SUS)
- Plug
- Hex key

Concept



Item Code	Item Name	Material	Finish	Weight	Box
280-021-834	ZL-3301	Stainless Steel (SUS316)	Zwei L Finish	800 g	1 pc

LAMP. TOILET PAPER HOLDER (AGED CAST SERIES) PXB-AC07-111

Latest Info



PXB-AC07-111-BL PXB-AC07-111-BR



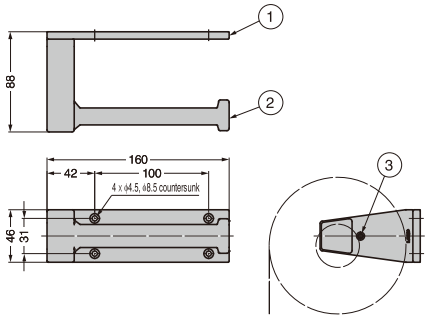
Generous amounts of brass cast into a nostalgic and rugged finish. A design that is both substantial and reliable and will continue to retain its allure.

- A wide array of matching products is available, allowing for total design coordination.

SCREW

Remarks
- The finish of the product can vary as the surface processing is effected by the individual properties of each section of brass.
- The slotted set screws are for decoration only. Use the included screws to mount this product.

Parts Included
- Size 4 x 35 cross-recessed flat head tapping screws
- Plug (for nominal 4 screws, compatible with ϕ6 drill, plug length 30)



No.	Part Name	Material	Finish/Colour
①	Base	Brass	See table below
②	Arm		
③	Size M6 x 6 Hexagon Socket Set Screws	Steel	Black Chromate Finish (Trivalent)

Item Code	Item Name	Material	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-722	PXB-AC07-111-BL	Brass	Black Bronze	50	5.1	1310	1	4
280-033-723	PXB-AC07-111-BR		Brown Bronze				1	4

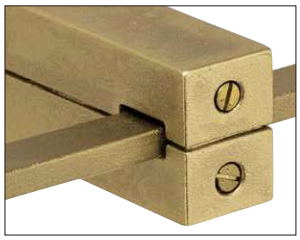
This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

LAMP TOILET PAPER HOLDER (AGED SCREW SERIES) PXB-AS07-111

Latest Info



PXB-AS07-111-BR PXB-AS07-111-SD



Generous amounts of brass cast into a nostalgic and rugged finish. Slotted front installation screws, influenced by old-fashioned American interiors.

- A wide array of matching products is available, allowing for total design coordination.

SCREW

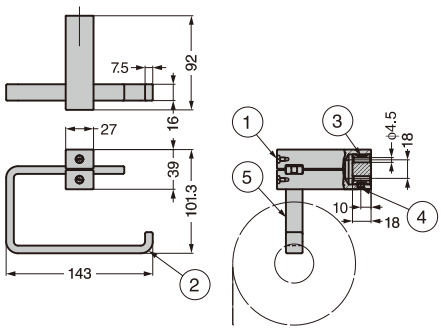
Remarks

- The finish of the product can vary as the surface processing is effected by the individual properties of each section of brass.
- The slotted set screws are for decoration only. Use the included screws to mount this product.

Parts Included

- Size 4 x 50 cross-recessed pan head tapping screws
- Size M4 plain washers
- Plug (for nominal 4 screws, compatible with ϕ6 drill, plug length 30)

Installation



No.	Part Name	Material	Finish/Colour
①	Main Body	Brass	See table below
②	Arm		
③	Frame		Coloured Chromate Finish
④	Size M4 x 5 Slotted Flat Head Screws		See table below
⑤	Size M6 x 6 Hexagon Socket Set Screws	Steel	

Item Code	Item Name	Material	Colour	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
280-033-732	PXB-AS07-111-BR	Brass	Brown Bronze	50	5.1	960	1	4
280-033-733	PXB-AS07-111-SD		Clear Bronze				1	4

LAMP HEAVY DUTY FOLDING PAD EYE EY-R

Latest Info



- The arm can rotate 180°and is also a fold away type, preventing it from being a hindrance.
- Has constant friction preventing unwanted clicking sounds and movement due to vibrations.
- The arm is made from an equivalent to SUS304 and has high corrosion resistance.
- Arm has a small buffer preventing direct contact with the surrounding area, preventing contact damage to the surface it is installed in.
- Recommended for use on marine furniture, equipment or offshore facilities

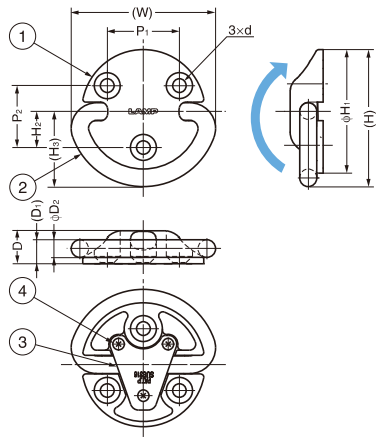
TEST METHOD 2 SUS316 SCREW

Application

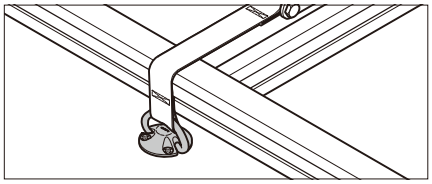
- Marine furniture or offshore facilities.

Parts Included

- EY-R50: Countersunk head screw M5×16 (SUS)
- EY-R60: Countersunk head screw M6×16 (SUS)
- EY-R80: Countersunk head screw M8×16 (SUS)



Application Example



Feature

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SCS14)*	Mirror
②	Arm	Stainless Steel (1)	Mirror
③	Back Plate	Stainless Steel (SUS304-CSP)	Plain
④	Pan Head Tapping Screw M3×5	Stainless Steel (SUS316)	-

*SCS14 is equivalent SUS316.

(1) High strength stainless steel with corrosion resistance similar to SUS304.

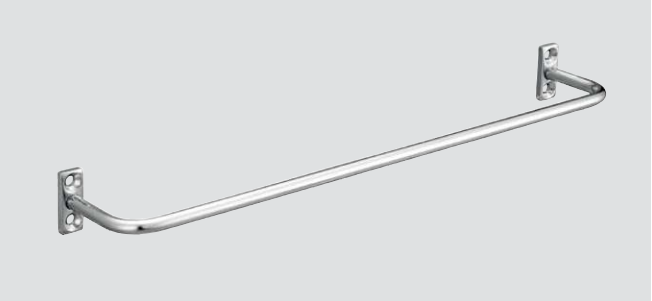
Item Code	Item Name	W	H	H1	H2	H3	D	D1	D2	P1	P2	d	Load Capacity		Weight	Box	Carton
110-012-542	EY-R50	61.4	56.5	48	13	32.5	14.5	10.5	7.9	28	24	ϕ5.5 ϕ10.4	4900 N	500 kgf	116 g	10 pcs	120 pcs
110-012-543	EY-R60	75.5	69.5	60	17.5	39.5	16	11.5	8.9	35	30	ϕ6.6 ϕ12.6	7840 N	800 kgf	202 g	10 pcs	60 pcs
110-012-544	EY-R80	101.3	92.5	80	23	52.5	19	14	11.4	45	40	ϕ9 ϕ17.3	11760 N	1200 kgf	431 g	5 pcs	30 pcs

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

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OTHERS

SLIPPER HOLDER DFUB-S250 NEW

Latest Info



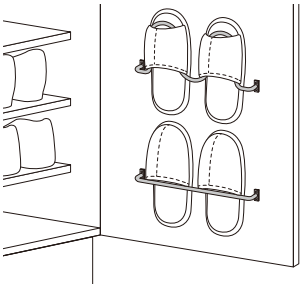
- A slipper holder with a straight bar design.
- Can also be used to prevent falls.

SUS | SCREW

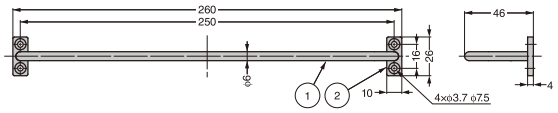
Parts Included
- Flat head tapping screw 3.5×16

Remarks
- Please align the actual product to determine the positions of the mounting holes.

Usage Image



Slippers can be stored behind the door.

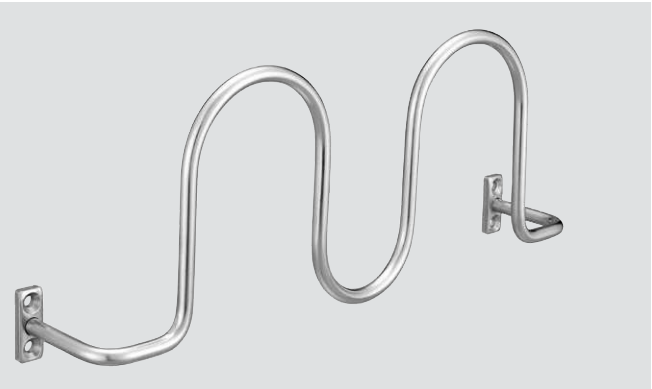


No.	Part Name	Material	Finish
①	Body	Stainless Steel	Electropolishing
②	Base		Barrel Polished

Item Code	Item Name	Box (pcs)	Carton (pcs)
110-055-193	DFUB-S250	5	100

SLIPPER HOLDER DFUB-W250 NEW

Latest Info



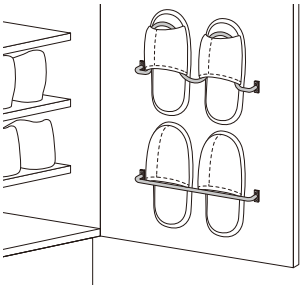
- A slipper holder with a waved bar design. Holds slippers firmly in place.

SUS | SCREW

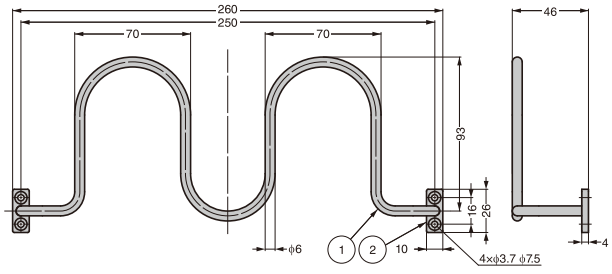
Parts Included
- Flat head tapping screw 3.5×16

Remarks
- Please align the actual product to determine the positions of the mounting holes.

Usage Image



Slippers can be stored behind the door.



No.	Part Name	Material	Finish
①	Body	Stainless Steel	Electropolishing
②	Pedestal		Barrel Polished

Item Code	Item Name	Box (pcs)	Carton (pcs)
110-055-194	DFUB-W250	5	60

This information provides a range of quality for the component. It does not ensure the performance or safety of the final product incorporating the component.

Technical Information

1364 | TEST METHODS
1366 | SURFACE TREATMENT
1367 | MATERIALS
1368 | DOOR WEIGHT TABLE

September 2024

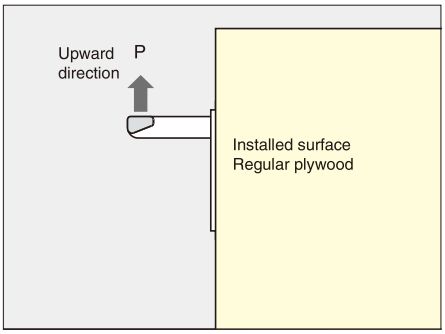
TEST METHODS

■Test Methods

In this catalogue, various values about products with TEST METHOD icon in the product specification columns are determined by the tests as described below. Values are to provide guidance for the safe use of our products.

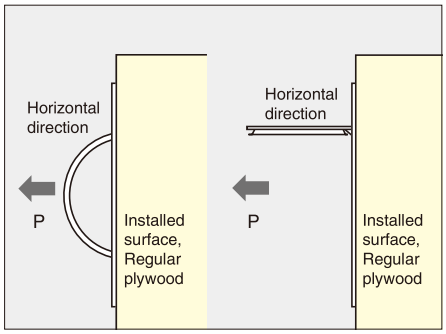
Product without TEST METHOD icon may not be based on these criteria in some cases.

TEST METHOD 1 HANDLE LOAD CAPACITY TEST



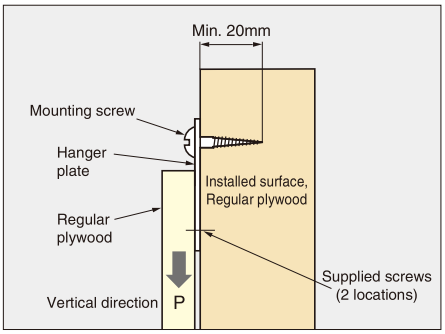
The load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

TEST METHOD 2 HANDLE, PULL, HOOK LOAD CAPACITY TEST



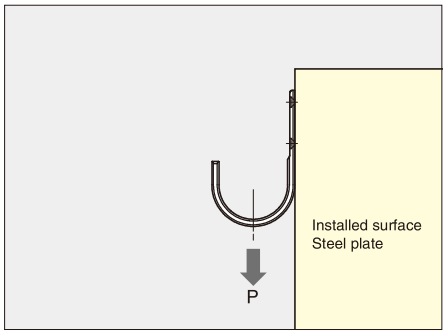
The load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.
Product may fail or distort if the force is applied in a direction other than the frontal direction. Please do not use on application other than in the pull direction.

TEST METHOD 3 HANGING-LOAD CAPACITY TEST



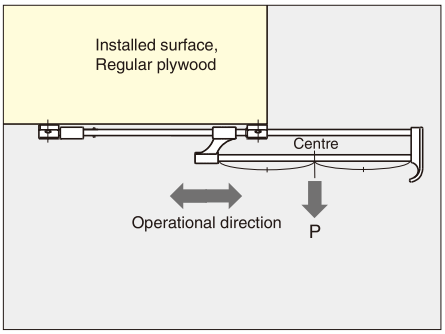
The hanging-load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure. This value will vary according to the diameter / length of the screw(s) used and strength of the installed surface.
Hanging load of 10 kgf, in case of using round head wood screw 3.8 x 25.

TEST METHOD 4 HOOK LOAD CAPACITY TEST



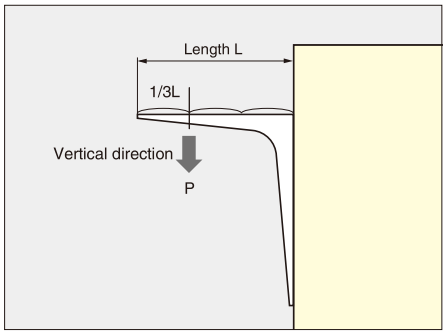
Under the conditions shown in the figure, a force (P) is gently applied to the centre of the hanging part in the vertical direction. The indicated load capacity value is about one-third of the limit load value (safety factor: 3). Therefore, this safety factor changes depending on the usage conditions. If you use it under adverse conditions, please be sure to check the actual product.

TEST METHOD 5 MAXIMUM HANGING-LOAD TEST



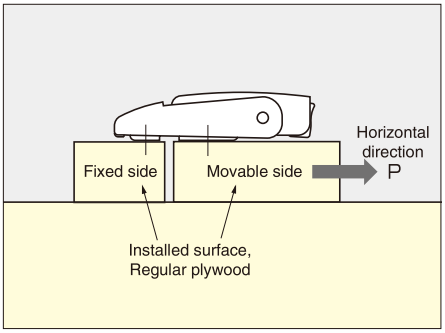
The maximum hanging-load capacity is measured when the force (P) is gently applied in the direction of the arrow and operated under the condition indicated by the figure. If the load is concentrated at the front tip of the hanger, the front tip may sag or the movement may become heavy.

TEST METHOD 6 BRACKET LOAD CAPACITY TEST



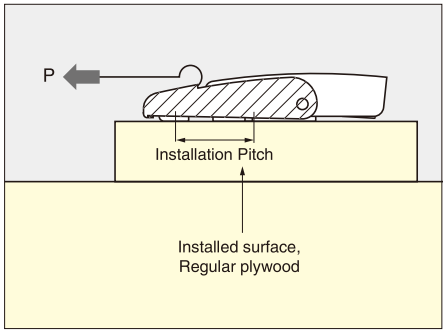
The load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.
(This is based on the force (W) applied at the centre of the shelf board with its length 4/3 times longer than the shelf bracket or angle bracket.)

TEST METHOD 7 FASTENER LOAD CAPACITY TEST



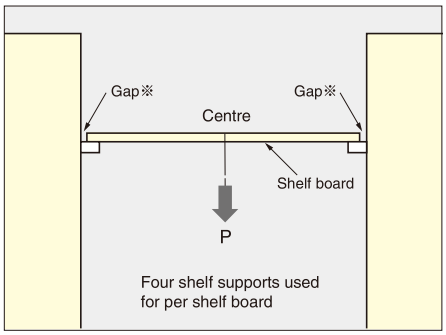
The load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

TEST METHOD 8 CLAMPING FORCE TEST UNDER STANDARD INSTALLATION



The capacity of the clamping force under standard installation is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure, and when the shaded portion begins to slide.

TEST METHOD 9 DOWEL, SHELF STANDARD LOAD CAPACITY TEST



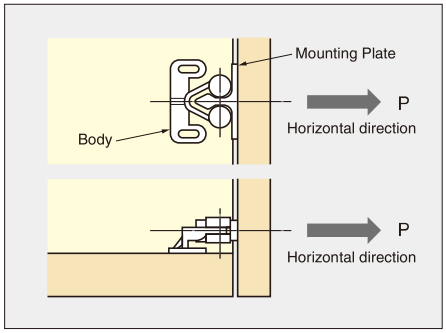
The load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.
Follow the conditions below to prevent the shelf supports or shelf board from falling off.

Condition 1 The gap (※) between the shelf board and the side board shall be 1mm or less.
※ The gap between the shelf board and the shelf standard if shelf support is installed on a shelf standard.

Condition 2 Use shelf board which has sufficient durability.

Condition 3 The mounting hole processing dimension of the shelf dowel shall be less than the recommended mounting hole dimension.
(The processing dimension may vary depending on the material of the side board.

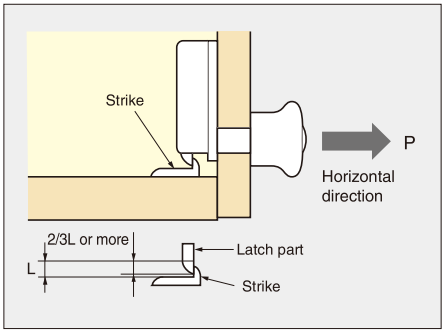
TEST METHOD 10 CATCH FORCE TEST



The catch force is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

Note: Misalignment of the mounting plate and body parts may cause the catch force to decrease or parts failure.

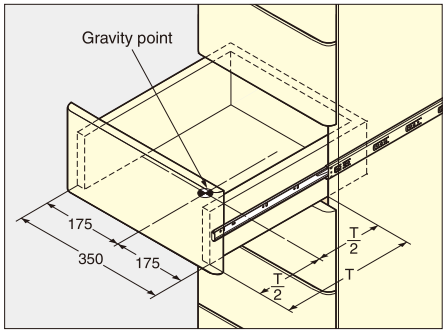
TEST METHOD 11 RETAINING FORCE TEST



The retaining force is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

Note: Latch and strike must be engaged at least 2/3L or more (see the figure).

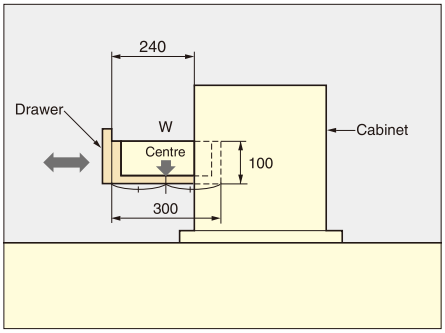
TEST METHOD 12 DRAWER SLIDE LOAD CAPACITY TEST



Calculation of slide centre of gravity

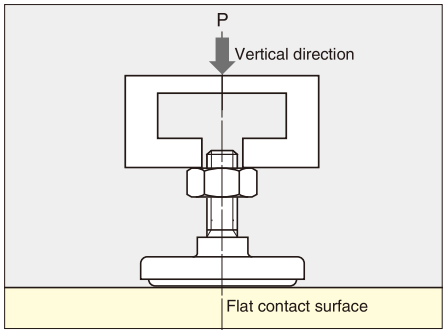
The load capacity is measured based on the condition:
- Continuous open-close: 50,000 cycles
- Speed: 10 cycles per minute
- Load is applied on the gravity point. The figure of load capacity includes drawer itself.
- Drawer width: 350mm

TEST METHOD 13 DRAWER SLIDE LOAD CAPACITY TEST



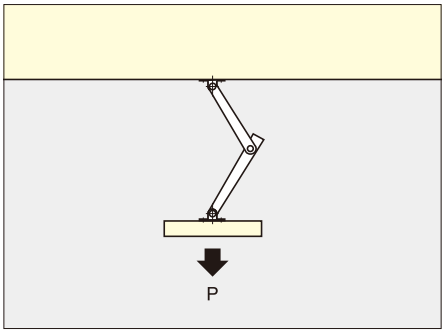
The load capacity is measured when the weight (W) is applied at the centre of the drawer under the condition indicated by the figure and the operation to pull out the drawer by 240mm is repeated. The gap between drawer and cabinet shall be 1 mm or less.

TEST METHOD 14 LEVELLING GLIDE LOAD CAPACITY TEST



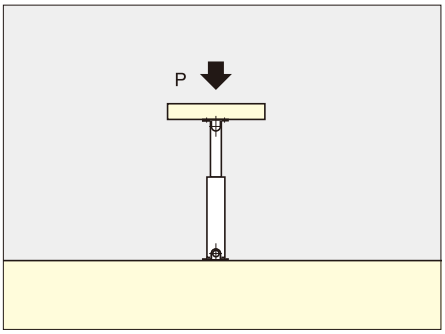
The load capacity is measured when the force (P) is applied in the direction of the arrow under the condition indicated in the figure.
Product may break or distort if the contact surface is not flat.

TEST METHOD 15 PULL LOAD TEST



The pull load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

TEST METHOD 16 COMPRESSION LOAD TEST



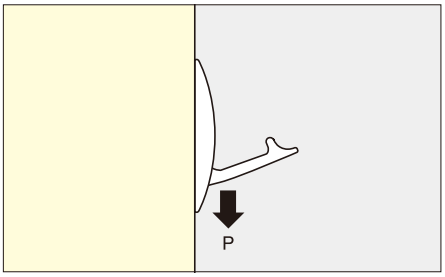
The compression load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

TEST METHOD 17 PERMISSIBLE LOAD OF FASTENER

Permissible load kgf = Ultimate Load ÷ 3

The safety factor will vary depending on the conditions of use.
When used under adverse conditions, please test the fastener in intended application.

TEST METHOD 18 HOOK LOAD CAPACITY TEST

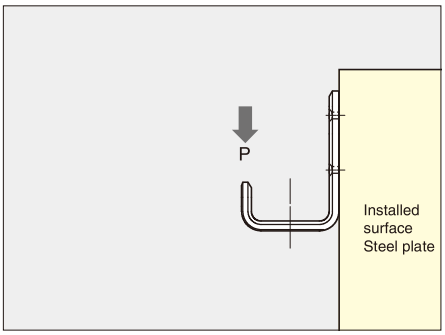


The load capacity is measured when the force (P) is gently applied in the direction of the arrow under the condition indicated by the figure.

Load capacity kgf = Ultimate Load ÷ 3

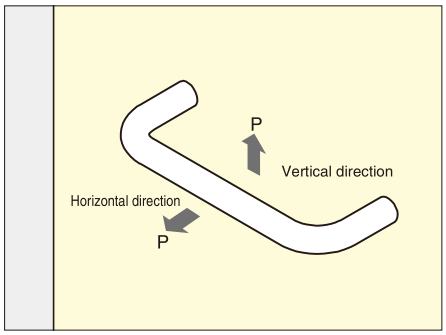
However, the safety factor will vary depending on the conditions of use.
When used under adverse conditions, please test the hook in intended application.

TEST METHOD 19 HOOK LOAD CAPACITY TEST



Under the conditions shown in the figure, a force (P) is gently applied in the vertical direction. The indicated load capacity value is one-third of the limit load value (safety factor: 3). Therefore, this safety factor changes depending on the usage conditions. If you use it under adverse conditions, please be sure to check the actual product.

TEST METHOD 20 HANDLE LOAD CAPACITY TEST



Under the conditions shown in the figure, a force (P) is gently applied in the vertical and horizontal directions. The load capacity is a value that indicates the strength of the handle itself. Install it on something with sufficient strength or reinforcement.

SURFACE TREATMENT

Finish	Characteristics
Zinc Plating	Zinc plating is commonly used on steel to prevent oxidation. Chromate is generally applied over zinc to enhance corrosion resistance.
Chromate Conversion Coating	Major coating mainly applied on parts after zinc plated or cadmium plated. Parts are immersed in a solution mainly consisting of chromic acid or heavy chromic acid to create the coating. This is used to improve corrosion resistance and appearance of metals, metal colouration, and is also used as a pre-treatment for painting. Various chromate coatings are developed such as yellow chromate (rainbow colour), clear chromate, black chromate, green chromate, etc.
Chrome Plating	Common electroplating for various industrial purposes. Reflective finish can be achieved by polishing. High hardness and good corrosion resistance along with thermal resistance, abrasion resistance and good adhesion characteristics. Generally used as final finish for various decorative parts and products due to its uniquely deep colouration.
Nickel Plating	Nickel is commonly used for decorative and anti-corrosion purpose because of its stability against air or humidity compared to iron. However, since the surface of the nickel plating will slightly discolour through exposure to air, chrome is often used after nickel to keep the finish/colour. Nickel plating has moderate hardness / corrosion-resistance and widely used on industrial application.
Alumite or Anodising (Anodic Oxidation Film Processing)	Also called the “anodic oxidation film processing”. This process thickens and toughens natural oxide layer on metal, commonly applied to aluminium for corrosion resistance and dyeing. In aluminium anodising, aluminium object serves as the anode (the positive electrode) when electrolysed in the sulfuric acid. This will create a layer of porous oxide film which has high electric insulation and abrasion resistance. The film is normally transparent when it is thin, although it becomes dull as the thickness increases.The pores produced by anodising are closed by a process called sealing, which is done by high-pressurised or boiling-hot deionised water. This process fills the pores and creates a thin layer that is corrosion resistant, suitable for various aluminium parts / products.

※Hexavalent-Chromium (CR6) Free

Sugatsune is strictly controlling the use of chemicals that would adversely impact the environment. We are designing and developing products with minimum use of materials which has adverse environmental impact. Hexavalent chromium compound is especially known for its adverse effects on the human body. We are actively substituting this Hexavalent-chromium (CR6) with the environment friendly Trivalent-chromium (CR3).

MATERIALS

In this catalogue, materials are indicated below. (For some items, only the materials of main parts are shown due to space limitations)

Irons and Steels

Material	Name
Steel	Iron-based screw, washer, etc.
Steel (SS)	Rolled steel for general structure
Steel (S※※C)	Carbon steel for machine structural use (Enter number for ※)
Steel (SECC)	Electrogalvanised steel sheet and steel strip
Steel (SF)	Carbon steel forging
Steel (SGCC)	Hot-dip galvanised steel sheet and steel strip
Steel (SK)	Carbon tool steel
Steel (SPCC)	Cold-rolled steel sheet and steel strip
Steel (SPHC)	Hot-rolled mild steel sheet and steel strip
Steel (SUM)	Sulfur and sulfur-composite free cutting steel
Steel (SUP)	Spring steel
Steel (SW)	Hard steel wire
Steel (SWP)	Piano wire
Steel (SWRH)	High carbon steel wire rod
Steel (SWRM)	Low carbon steel wire rod
Steel (SWCH)	Carbon steel for cold heading
Cast Iron (FC)	Grey iron casting
Stainless Steel	Stainless steel screw, washer, etc.
Stainless Steel (SUS301)	Austenitic stainless steel
Stainless Steel (SUS303)	Austenitic stainless steel
Stainless Steel (SUS304)	Austenitic stainless steel
Stainless Steel (SUS316, SUS316L)	Austenitic stainless steel
Stainless Steel (SUS420)	Martensitic stainless steel
Stainless Steel (SUS430)	Ferritic stainless steel
Stainless Steel (SUS440)	Martensitic stainless steel
Stainless Steel (SUS631)	Precipitation hardening stainless steel
Stainless Steel (SCS13)	Stainless steel casting
Stainless Steel (SCS14)	Stainless steel casting

Non-ferrous Metals

Material	Name
Aluminium Alloy	—
Aluminium Alloy (ADC)	Aluminium alloy die casting
Aluminium Alloy (AC)	Aluminium alloy casting
Zinc Alloy	—
Zinc Alloy (ZDC)	Zinc alloy die casting
Zinc Alloy (BRIC)	A kind of zinc alloy die casting
Brass	—
Free Cutting Brass	—
Phosphor Bronze	—
Phosphor Bronze for Spring	—
Nickel Silver	—
Copper Alloy Casting (CAC)	—
Magnesium Alloy (MDC)	Magnesium alloy die casting
Titanium Alloy	—

Magnets

Material	Name
Ferrite	—
Neodymium	—
Samarium Cobalt	Samarium-cobalt
Alnico	—

Plastics

Material	Name
ABS Resin	Acrylonitrile butadiene styrene
AES Resin	Acrylonitrile ethylene propylene rubber styrene
AS Resin	Acrylonitrile styrene
Cellulose Acetate (CA)	—
Casein (CS)	—
Epoxy Resin (EP)	—
Ethylene Vinyl Acetate (EVA)	—
EVOH Resin	Ethylene vinyl alcohol
FRP	Unsaturated polyester + glass fibre
Melamine Resin (MF)	Melamine formaldehyde resin
Polyamide (PA)	—
Polycarbonate (PC)	—
Polyethylene (PE)	—
PEEK Resin	Polyether ether ketone
High Density Polyethylene (HDPE)	—
Chlorinated Polyethylene (CPE)	—
PBT Resin	Polybutylene terephthalate
PET Resin	Polyethylene terephthalate
Phenol resin (PF)	Phenol formaldehyde resin
Methacrylic Resin (PMMA)	Polymethyl methacrylate
Polyacetal (POM)	—
Polypropylene (PP)	—
PPO Resin	Polypropylene oxide
PPS Resin	Polyphenylene sulfide
PPE Resin	Polyphenylene ether
Polystyrene (PS)	—
High Impact Polystyrene (HIPS)	—
Polytetrafluoroethylene (PTFE)	Polytetrafluoroethylene
Polyvinyl Chloride (PVC)	Polyvinyl chloride
Polyimide (PI)	—
Polyamideimide (PAI)	—
Polyetherimide (PEI)	—
Silicone Resin (SI)	Silicone plastic
Urea Resin (UF)	Urea formaldehyde resin
Unsaturated polyester Resin (UP)	—
~Elastomer	Elastomer

Rubbers

Material
Natural Rubber (NR)
Styrene Butadiene Rubber (SBR)
Butadiene Rubber (BR)
Isoprene Rubber (IR)
Nitrile Rubber (NBR)
Chloroprene Rubber (CR)
Ethylene Propylene Rubber (EPDM)
Isobutylene Isoprene Rubber (IIR)
Urethane Rubber (UR)
Polyurethane Rubber (PUR)
Silicone Rubber (Q)
Fluoro Rubber (FKM)
Synthetic Rubber

DOOR WEIGHT TABLE

Door Weight Calculator

The below density is only for reference and it may differ depending on their material and specification.
For door sizes not listed in the table below, please use the Door Weight Calculator.

Calculation: Door Weight (kg) = Density (Specific Gravity) × Door Height (mm) × Door Width (mm) × Door Thickness (mm) ÷ 1,000,000

Wooden Door Weight (kg)

Door Type	MDF (Density 0.8)					Particle Board (Density 0.6)					Plywood (Density 0.6)					Flush (Density 0.5)				
Door Thickness mm / Door Size mm	16	19	22	25	35	16	19	22	25	35	16	19	22	25	35	16	19	22	25	35
300× 400	1.5	1.8	2.1	2.4	3.4	1.2	1.4	1.6	1.8	2.5	1.2	1.4	1.6	1.8	2.5	1.0	1.1	1.3	1.5	2.1
300× 500	1.9	2.3	2.6	3.0	4.2	1.4	1.7	2.0	2.3	3.2	1.4	1.7	2.0	2.3	3.2	1.2	1.4	1.7	1.9	2.6
300× 600	2.3	2.7	3.2	3.6	5.0	1.7	2.1	2.4	2.7	3.8	1.7	2.1	2.4	2.7	3.8	1.4	1.7	2.0	2.3	3.2
300× 700	2.7	3.2	3.7	4.2	5.9	2.0	2.4	2.8	3.2	4.4	2.0	2.4	2.8	3.2	4.4	1.7	2.0	2.3	2.6	3.7
300× 800	3.1	3.6	4.2	4.8	6.7	2.3	2.7	3.2	3.6	5.0	2.3	2.7	3.2	3.6	5.0	1.9	2.3	2.6	3.0	4.2
300× 900	3.5	4.1	4.8	5.4	7.6	2.6	3.1	3.6	4.1	5.7	2.6	3.1	3.6	4.1	5.7	2.2	2.6	3.0	3.4	4.7
300×1000	3.8	4.6	5.3	6.0	8.4	2.9	3.4	4.0	4.5	6.3	2.9	3.4	4.0	4.5	6.3	2.4	2.9	3.3	3.8	5.3
400× 500	2.6	3.0	3.5	4.0	5.6	1.9	2.3	2.6	3.0	4.2	1.9	2.3	2.6	3.0	4.2	1.6	1.9	2.2	2.5	3.5
400× 600	3.1	3.6	4.2	4.8	6.7	2.3	2.7	3.2	3.6	5.0	2.3	2.7	3.2	3.6	5.0	1.9	2.3	2.6	3.0	4.2
400× 700	3.6	4.3	4.9	5.6	7.8	2.7	3.2	3.7	4.2	5.9	2.7	3.2	3.7	4.2	5.9	2.2	2.7	3.1	3.5	4.9
400× 800	4.1	4.9	5.6	6.4	9.0	3.1	3.6	4.2	4.8	6.7	3.1	3.6	4.2	4.8	6.7	2.6	3.0	3.5	4.0	5.6
400× 900	4.6	5.5	6.3	7.2	10.1	3.5	4.1	4.8	5.4	7.6	3.5	4.1	4.8	5.4	7.6	2.9	3.4	4.0	4.5	6.3
400×1000	5.1	6.1	7.0	8.0	11.2	3.8	4.6	5.3	6.0	8.4	3.8	4.6	5.3	6.0	8.4	3.2	3.8	4.4	5.0	7.0
400×1100	5.6	6.7	7.7	8.8	12.3	4.2	5.0	5.8	6.6	9.2	4.2	5.0	5.8	6.6	9.2	3.5	4.2	4.8	5.5	7.7
400×1200	6.1	7.3	8.4	9.6	13.4	4.6	5.5	6.3	7.2	10.1	4.6	5.5	6.3	7.2	10.1	3.8	4.6	5.3	6.0	8.4
500× 600	3.8	4.6	5.3	6.0	8.4	2.9	3.4	4.0	4.5	6.3	2.9	3.4	4.0	4.5	6.3	2.4	2.9	3.3	3.8	5.3
500× 700	4.5	5.3	6.2	7.0	9.8	3.4	4.0	4.6	5.3	7.4	3.4	4.0	4.6	5.3	7.4	2.8	3.3	3.9	4.4	6.1
500× 800	5.1	6.1	7.0	8.0	11.2	3.8	4.6	5.3	6.0	8.4	3.8	4.6	5.3	6.0	8.4	3.2	3.8	4.4	5.0	7.0
500× 900	5.8	6.8	7.9	9.0	12.6	4.3	5.1	5.9	6.8	9.5	4.3	5.1	5.9	6.8	9.5	3.6	4.3	5.0	5.6	7.9
500×1000	6.4	7.6	8.8	10.0	14.0	4.8	5.7	6.6	7.5	10.5	4.8	5.7	6.6	7.5	10.5	4.0	4.8	5.5	6.3	8.8
500×1100	7.0	8.4	9.7	11.0	15.4	5.3	6.3	7.3	8.3	11.6	5.3	6.3	7.3	8.3	11.6	4.4	5.2	6.1	6.9	9.6
500×1200	7.7	9.1	10.6	12.0	16.8	5.8	6.8	7.9	9.0	12.6	5.8	6.8	7.9	9.0	12.6	4.8	5.7	6.6	7.5	10.5
500×1300	8.3	9.9	11.4	13.0	18.2	6.2	7.4	8.6	9.8	13.7	6.2	7.4	8.6	9.8	13.7	5.2	6.2	7.2	8.1	11.4
500×1400	9.0	10.6	12.3	14.0	19.6	6.7	8.0	9.2	10.5	14.7	6.7	8.0	9.2	10.5	14.7	5.6	6.7	7.7	8.8	12.3
500×1500	9.6	11.4	13.2	15.0	21.0	7.2	8.6	9.9	11.3	15.8	6.0	7.1	8.3	9.4	13.1	7.2	8.6	9.9	11.3	15.8
500×1600	10.2	12.2	14.1	16.0	22.4	7.7	9.1	10.6	12.0	16.8	7.7	9.1	10.6	12.0	16.8	6.4	7.6	8.8	10.0	14.0
500×1700	10.9	12.9	15.0	17.0	23.8	8.2	9.7	11.2	12.8	17.9	8.2	9.7	11.2	12.8	17.9	6.8	8.1	9.4	10.6	14.9
500×1800	11.5	13.7	15.8	18.0	25.2	8.6	10.3	11.9	13.5	18.9	8.6	10.3	11.9	13.5	18.9	7.2	8.6	9.9	11.3	15.8

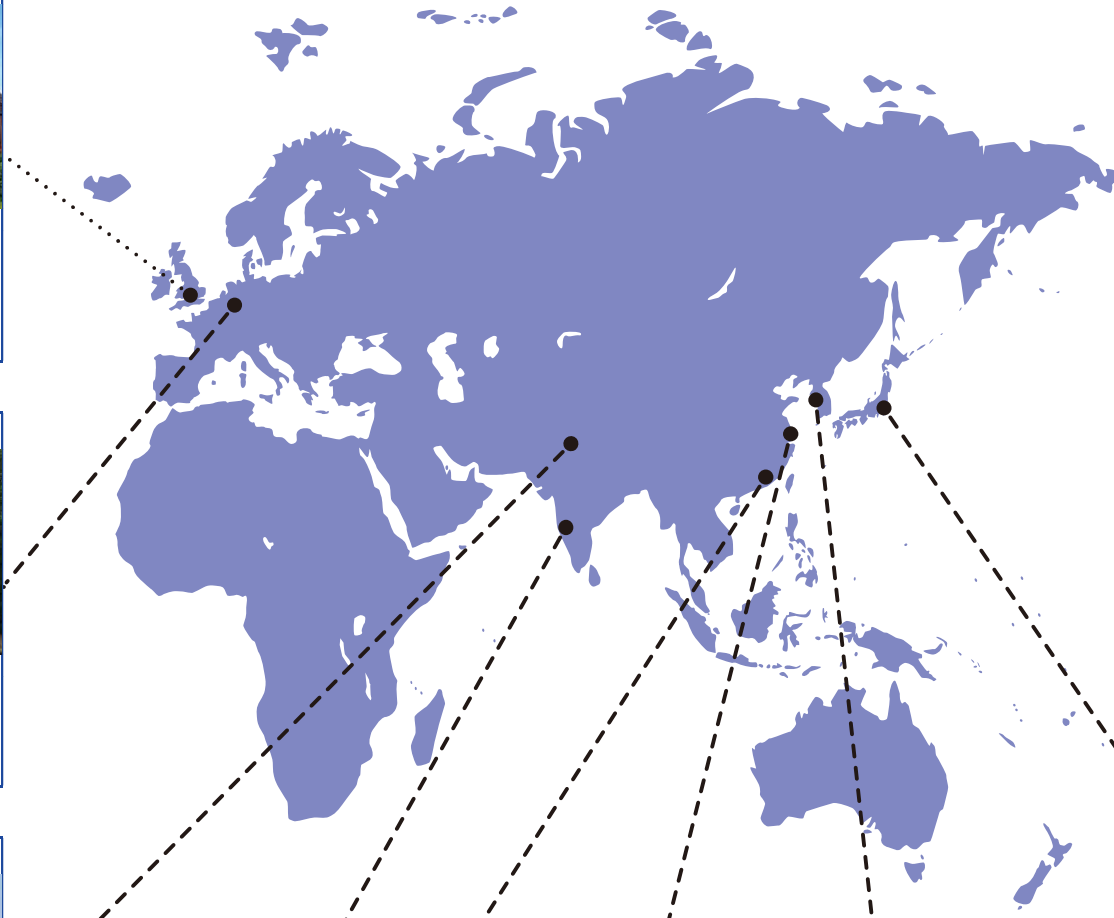
Glass Door Weight (kg)

Glass Door Thickness mm	4 (Density 2.5)							5 (Density 2.5)							6 (Density 2.5)						
Door Width mm / Door Height mm	300	400	500	600	700	800	900	300	400	500	600	700	800	900	300	400	500	600	700	800	900
300	0.9	1.2	1.5	1.8	2.1	2.4	2.7	1.1	1.5	1.9	2.3	2.6	3.0	3.4	1.4	1.8	2.3	2.7	3.2	3.6	4.1
350	1.1	1.4	1.8	2.1	2.5	2.8	3.2	1.3	1.8	2.2	2.6	3.1	3.5	3.9	1.6	2.1	2.6	3.2	3.7	4.2	4.7
400	1.2	1.6	2.0	2.4	2.8	3.2	3.6	1.5	2.0	2.5	3.0	3.5	4.0	4.5	1.8	2.4	3.0	3.6	4.2	4.8	5.4
450	1.4	1.8	2.3	2.7	3.2	3.6	4.1	1.7	2.3	2.8	3.4	3.9	4.5	5.1	2.0	2.7	3.4	4.1	4.7	5.4	6.1
500	1.5	2.0	2.5	3.0	3.5	4.0	4.5	1.9	2.5	3.1	3.8	4.4	5.0	5.6	2.3	3.0	3.8	4.5	5.3	6.0	6.8
550	1.7	2.2	2.8	3.3	3.9	4.4	5.0	2.1	2.8	3.4	4.1	4.8	5.5	6.2	2.5	3.3	4.1	5.0	5.8	6.6	7.4
600	1.8	2.4	3.0	3.6	4.2	4.8	5.4	2.3	3.0	3.8	4.5	5.3	6.0	6.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1
650	2.0	2.6	3.3	3.9	4.6	5.2	5.9	2.4	3.3	4.1	4.9	5.7	6.5	7.3	2.9	3.9	4.9	5.9	6.8	7.8	8.8
700	2.1	2.8	3.5	4.2	4.9	5.6	6.3	2.6	3.5	4.4	5.3	6.1	7.0	7.9	3.2	4.2	5.3	6.3	7.4	8.4	9.5
750	2.3	3.0	3.8	4.5	5.3	6.0	6.8	2.8	3.8	4.7	5.6	6.6	7.5	8.4	3.4	4.5	5.6	6.8	7.9	9.0	10.1
800	2.4	3.2	4.0	4.8	5.6	6.4	7.2	3.0	4.0	5.0	6.0	7.0	8.0	9.0	3.6	4.8	6.0	7.2	8.4	9.6	10.8
850	2.6	3.4	4.3	5.1	6.0	6.8	7.7	3.2	4.3	5.3	6.4	7.4	8.5	9.6	3.8	5.1	6.4	7.7	8.9	10.2	11.5
900	2.7	3.6	4.5	5.4	6.3	7.2	8.1	3.4	4.5	5.6	6.8	7.9	9.0	10.1	4.1	5.4	6.8	8.1	9.5	10.8	12.2
950	2.9	3.8	4.8	5.7	6.7	7.6	8.6	3.6	4.8	5.9	7.1	8.3	9.5	10.7	4.3	5.7	7.1	8.6	10.0	11.4	12.8
1000	3.0	4.0	5.0	6.0	7.0	8.0	9.0	3.8	5.0	6.3	7.5	8.8	10.0	11.3	4.5	6.0	7.5	9.0	10.5	12.0	13.5
1050	3.2	4.2	5.3	6.3	7.4	8.4	9.5	3.9	5.3	6.6	7.9	9.2	10.5	11.8	4.7	6.3	7.9	9.5	11.0	12.6	14.2
1100	3.3	4.4	5.5	6.6	7.7	8.8	9.9	4.1	5.5	6.9	8.3	9.6	11.0	12.4	5.0	6.6	8.3	9.9	11.6	13.2	14.9
1150	3.5	4.6	5.8	6.9	8.1	9.2	10.4	4.3	5.8	7.2	8.6	10.1	11.5	12.9	5.2	6.9	8.6	10.4	12.1	13.8	15.5

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September 2024

Global Network



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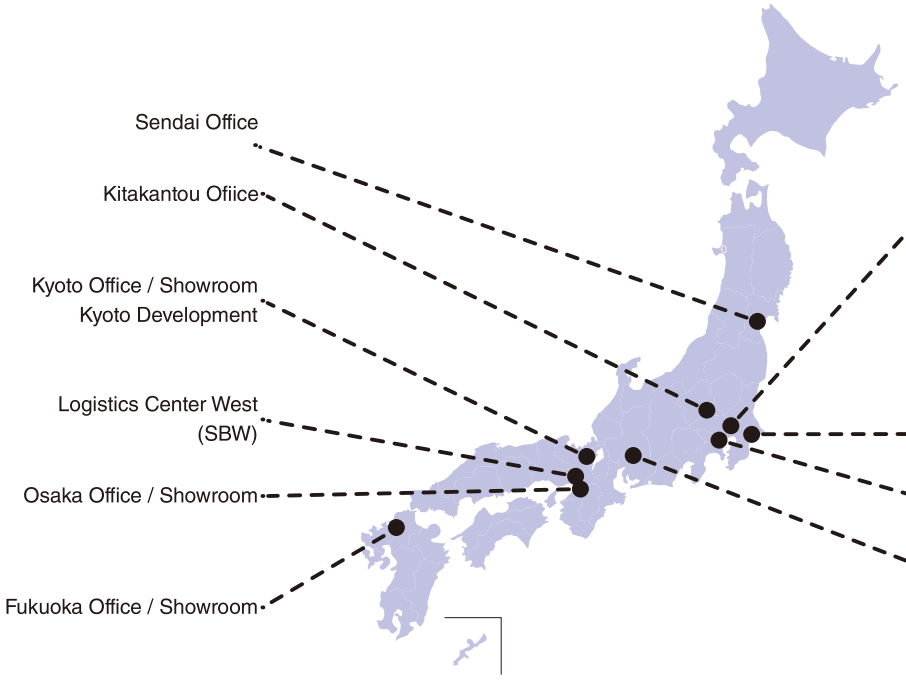
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Kitakantou Ofiice
Kyoto Office / Showroom
Kyoto Development
Logistics Center West
(SBW)
Osaka Office / Showroom
Fukuoka Office / Showroom

Tokyo Head Office / Showroom
Tokyo Development

Export Department
1-8-11 Higashikanda, Chiyoda-ku
Tokyo 101-8633,Japan
Tel : +81-3-3866-2260
Fax : +81-3-3866-4447
E-mail : export@sugatsune.co.jp

Chiba Factory,
Chiba Development
Logistics Center(SBC)
Kanagawa Office
Nagoya Office / Showroom

Sugatsune's History



The first home shop after the war (1946)

1930	“Sugatsune Shoten” is founded by Tsunesaburo Sugasawara.Sells European style furniture hardware.
1943	The company changes its name to “Sugatsune Kogyo Co., Ltd.”, manufacturing metal accessories for communication until the end of the war.
1949	The company starts manufacture furniture hardware and architectural hardware.
1968	Capital is increased to 50 million yen. Shin-ohashi Sales Office is moved to the site of Tokyo Factory (Adachi-ku, Tokyo), and Adachi Sales Office is set up.
1969	Chiba Factory is constructed on the Trading Estate at Matsuo-cho in Chiba. This marked the beginning of mass production.
1975	Osaka Sales Office (current Osaka Branch) is opened.
1982	A logistics centre (S.B.C) with a floor area of 4,026m^2 is completed at the site of Chiba Factory. Sugatsune America Inc. is established in the United States.
1987	Sugatsune Kogyo comes up with an original damper technology “Lapcon”.
1992	Sugatsune Kogyo’s President Sugasawara is presented with a Medal with a Blue Ribbon by the government of Japan. A new logistics centre (S.B.C) with modern facilities is completed. (Floor area of 8,884m^2)
1998	Sugatsune Kogyo’s President Sugasawara receives Gold and Silver Rays, an Order of the Sacred Treasure. A technical centre is built at the site of Chiba Factory. Nagoya Sales Office is opened. The company registers for ISO 9001 certification.
2004	Sendai and Fukuoka sales offices are opened. An office and showroom are established in Shanghai, China.
2005	The largest showroom in the industry in Japan is opened at Iwamoto-cho, Chiyoda-ku, Tokyo. A large exhibition is held to commemorate the opening of the new showrooms in Tokyo and Osaka, and a new product presentation is held in Fukuoka and Sendai. Sugatsune UK is established in Great Britain. Shanghai Office is changed to Sugatsune Shanghai.
2006	A showroom is opened in Nagoya, and an exhibition is held to commemorate the opening of the new showroom. New head office building No.4 and No.5 are completed.
2007	A new building at logistics centre (S.B.C) is completed. (Floor area of 7,413m^2) Nagoya Sales Office is moved from Naka-ku to Kita-ku.
2009	The product concept “Motion Design Tech” is presented for giving further motion functions to the “opening and closing of doors or lids”.
2011	Kanagawa Sales Office is opened. Fukuoka Sales Office is moved and a showroom is opened. A showroom and sales office are opened in Chicago by Sugatsune America.
2012	Kyoto Sales Office is opened.
2013	Kyoto showroom is opened.
2015	Sugatsune Kogyo India Private Limited is established in India. A showroom is opened in Mumbai, India. A new logistics centre (SBW) is established in Osaka.
2016	Sugatsune Europe GmbH is established in Germany. Sugatsune Canada, Inc is established in Canada.
2017	The Monoflat LIN-X1000 wins a Reddot award.
2018	Sugatsune UK changes locations. Private exhibitions displaying new products are held in Tokyo, Osaka and Nagoya. In total, exhibitions are held in 13 cities across Japan. Sugatsune EU opens a showroom in Düsseldorf.
2019	Sales office opens in Northern Kanto. The LDD-V100 door damper wins both the Red Dot design award and also the iF design award. The head office moves to a new location.
2020	Sugatsune Kogyo celebrated its 90th anniversary.
2022	Sugatsune Korea is established as a local subsidiary in South Korea.

Company Profile

Company Name	Sugatsune Kogyo Co., Ltd.
President	Jun Sugasawara
Headquarters	Tokyo, Japan
Founded	February 11, 1930
Established	November 20, 1943
Capital	¥400,000,000
Number of Employees	497 (January, 2024)
Business Segment	Furniture fittings, Architectural hardware, Decorative hardware, Various import hardware, Industrial components hardware, IT industrial components, Custom-made items, Lighting part metal, Furniture metal, Fixtures furniture

Business Partner Countries & Regions

Sweden/Netherlands/Belgium/Spain/Portugal/France/Maltese/Monaco/Denmark/Sweden/Finland/Norway/Cyprus/Greece/Brazil/Argentina/Brazil/Argentina/Chile/Britain/Ireland/Germany/Italy/Austria/Oman/Bahrain/Jordan/Iran/Egypt/Qatar/India/Pakistan/SriLanka/Bangladesh/South Africa/Russia/Poland/Romania/Bulgaria/Estonia/Lithuania/Turkey/Israel/Lebanon/SaudiArabia/Kuwait/Australia/NewZealand/Indonesia/Singapore/Malaysia/Thailand/Myanmar/Vietnam/Philippines/Mongolia/China/HongKong/Taiwan/Korea

Registration

ISO 9001 : JSAQ384

ISO 14001 : JSAE597

(ISO 9001 : Sugatsune's bases in Japan,
ISO 14001 : Chiba Factory of Chiba Production Division and Logistics Centre of Logistics Division)

General Construction Business Licence No. :
Tokyo Metropolitan Governor Licence (General –25) No.140997

The Origin of LAMP Brand

The initial trademark for LAMP goods was derived by the company's founder, Tsunezaburo Sugasawara, from the Japanese symbol for "ordinary" (常). By separating this character into its component pieces, he took this to symbolize "the use of fire," which he chose to designate as a metaphor for wisdom and courage. He visualized this concept as a lamp. He thought that Sugatsune goods may, even if only a little, "brighten" society. Sugatsune's reliable quality is still represented by the logo to this day.

HAND_LAMP Mark
Founding time ~ Around 1990

LAMP Mark
Around 1990 ~ Now

Commitment to Quality and the Environment

All departments from planning, manufacturing to sales have a high awareness of quality, and through unremitting efforts, all the domestic bases in Japan have achieved ISO 9001 certification (registration No.: JSAQ384). We also actively engaged in environmental conservation activities, and achieved ISO 14001 certification (registration No.: JSAE597) at our development bases, namely Chiba Factory of Chiba Production Division and Logistics Centre of Logistics Division.

Quality Management System ISO 9001 certification (certification/registration) approved

Quality Policy: I consider the fundamentals and pursue the essential and ideal.

Sugatsune America, Sugatsune Europe, and Sugatsune Shanghai are also ISO 9001 certified.

Environmental Management System ISO 14001 certification (certification/registration) approved

Connect with Us on Social Media

Watch our product videos, including instructional guides on our YouTube channel.

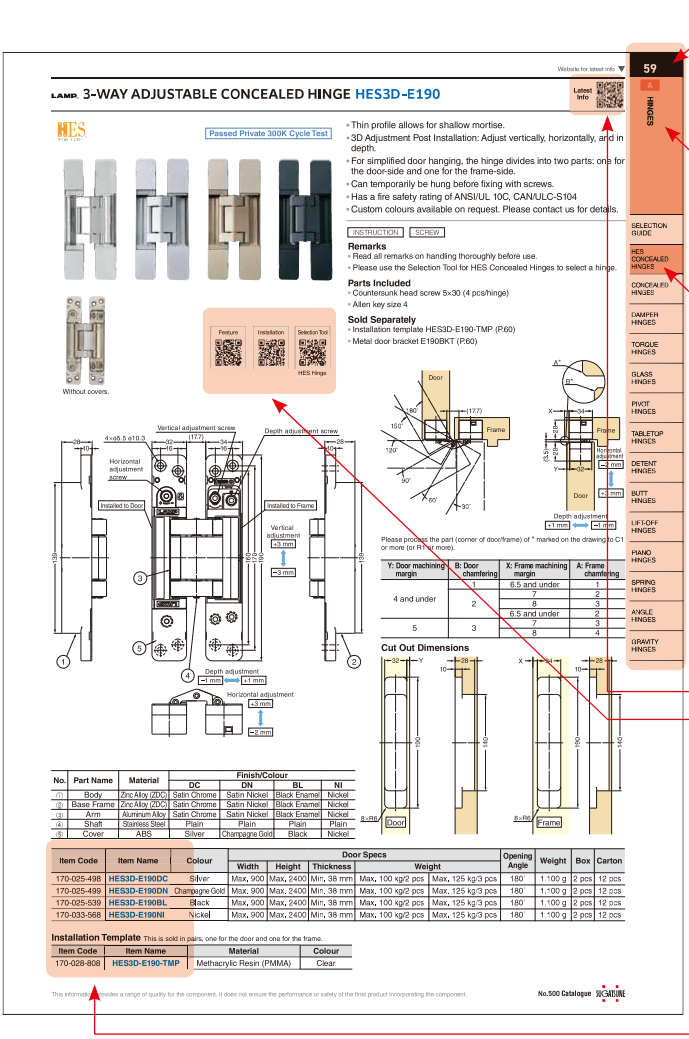
Sugatsune Global

Explore our product applications and stay updated on Instagram and Facebook.

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Sugatsune Global

Description of Main Text

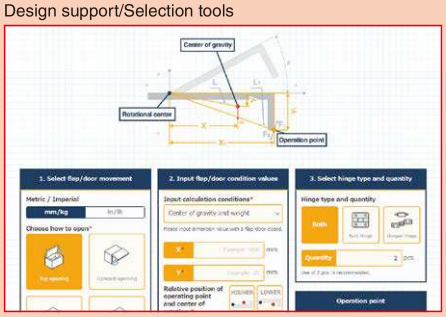


Viewable from the QR code.

Access website, videos and selection tools



Design support/Selection tools



With the selection tool Sasuga-kun, you can select the “Motion Design Tech” products meeting your requirements simply by entering values such as the size and weight of the lid or door. You can use it on our website.

Item Code	Item Name	Col
170-025-498	HES3D-E190DC	Silv
170-025-499	HES3D-E190DN	Champag
170-025-539	HES3D-E190BL	Bla
170-033-568	HES3D-E190NI	Nic

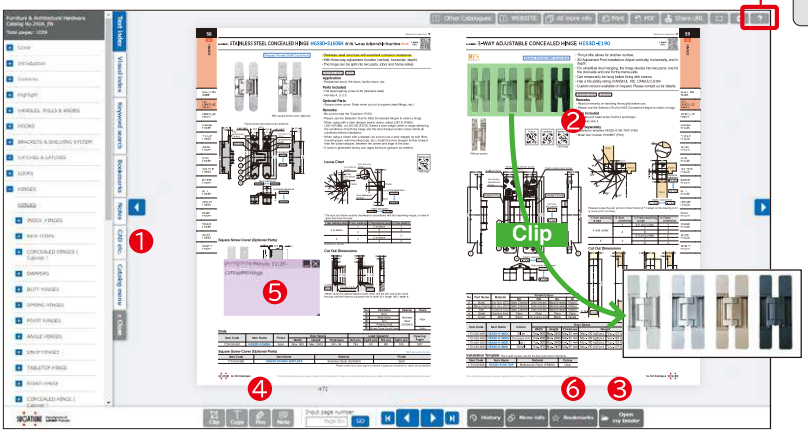
• Please specify the Item Name. and quantity when ordering.

Online Catalogue Functions

❶ CAD etc.
Access product information easily.

❷ Clip
Download images within the dragged area.

❸ MyBinder
Register favourites to MyBinder to download multiple catalogues together as a single PDF.



*Screens may be changed.

See Help for other functions and operation methods.

❹ Pen
Draw arrows, add frames, or take notes on the catalogue as desired.

❺ Note
Enter notes. Display only pages with sticky notes affixed.

❻ Bookmarks
Register favourite pages for easier reference later.

How to Use This Catalogue

- All items, unless specified, are made to exact metric dimension.
- Changes in dimensions, finishes, packing, etc., and suspension of production may occur without notice.
- Our liability is limited to the replacement of the merchandise.

Defective Products

- While great care is taken in the manufacturing of our products, should a defect arise, contact the dealer. The warranty period is one year from the date of our invoice. Should a defect arise during the warranty period, we will replace the product in question with a functioning product within the range of our responsibility.

Returns/Replacements/Post-Order Changes

- Returns and replacements will be handled upon confirming the actual product after customer consultation with a Sugatsune sales representative. Requests for returns or replacements must be made within 30 days of the date of our invoice.
  Please note that customers will be asked to cover handling charges for returns or replacements made at customer convenience.
- Please note that we may not be able to accommodate changes made after placing orders.

Precautions for Mounting

- Improper installation may not only cause the product to malfunction but could also result in damage. Handle with care.
  For some products, installation manuals are included or available online. Read the manual thoroughly to ensure correct installation.
- Pay attention to any loosened mounting screws or fastening parts. Screws or fastening parts may loosen due to the mounting conditions or the usage environment. Such loosening may result in decreased functionality or damage to the mounted product, as well as potential injuries. To ensure safe usage, retighten periodically, even if thread-locker is applied to the screws. Generally, retighten one month after initial use, again six months thereafter, and approximately every year subsequently. Note that these guidelines apply to specific conditions and do not guarantee product quality or safety. Their applicability to the product is to be judged by the customer.

Screws

- The included and recommended screws listed with the product conform to the former JIS standards.

CAD Data (3D & 2D)

- Register as a member on our website to download CAD data. Additionally, we will verify the registered data, as membership is intended for designers.

Product Information

- The information listed in this catalogue is current as of September 2024. Product prices, specifications, dimensions, colours, and other details may change without notice due to improvements or material price fluctuations; products may also be discontinued without notice. For the latest information, see our website.
- Due to the hard copy format, some specifications such as details of dimensions and shapes have been omitted.
  For more detailed information, please contact us.
- Many of the listed products include registered or pending designs, patents, and utility models.
- Due to the hard copy format, product colours may differ slightly from the actual products. Please refer to the actual product for accurate colour representation.
- The photographs and computer graphics in the catalogue are visualisations. Depending on the conditions, installation as shown may not be possible. Confirm before purchase.
- Data on specifications and performance, such as loads, weight, force, is listed for use as a guideline to product selection. The values shown are not guaranteed under all conditions.
- Product content listed in this catalogue indicates the quality range as parts. It does not guarantee the functionality, performance, or safety of the final product using these parts.
- Data when using our products with customer products may involve different figures depending on elements such as mounting accuracy, mounting method, temperature, humidity, dust, indoors/outdoors conditions, target product structure, material, size, installation conditions, and individual operation.
- For test content details, request a test report and confirm as needed.
- When using our products near the limits of the listed data, or when confirmation of safety or durability is required in order to prevent accidents, mount the actual product and confirm, or provide the most detailed possible explanation of the usage conditions to consult with us.
- With some exceptions, our products are furniture and architectural fittings for indoor use. Consult with a sales representative concerning use outdoors, near water, or in severe environments.
- Unauthorized reproduction of this catalogue is strictly prohibited.

Display Content

Material

For material notation, please see “Materials” on P.1367.

Finish (surface treatment)

Finish notations are displayed with the following abbreviations due to limitations of space.

Display	Finish
Bright Chromate	Zinc Plated Bright Chromate
Coloured Chromate	Zinc Plated Coloured Chromate

Coloured chromate is characterized by sharply varying hues; this is not a defect.

■Paint

Paint is displayed as follows. (e.g.) Powder Baked Enamel Paint/White

■Colour Display

There may be multiple display methods for a single colour.

(e.g.) White may be indicated as W, WT, or WH.
Black may be indicated as B or BL.
Silver may be indicated as S or SL.

Dimensional Units

The units for the listed dimensions are millimetres (mm) (unless otherwise stated).

Dimensional Error

The machining process inevitably results in a degree of product error. Be sure to confirm with the actual product before use.

Drawings

With some exceptions, drawings employ the third angle projection method. Due to limitations of space, some detailed dimensions, etc. may been omitted.

Weight

Notations indicate the weight for one product or one set only.

Load Capacity

The figures displayed for load capacity are examples of data we considered reliable and measured values in tests under conditions specified by us; they are not guaranteed values. As the values may vary depending on the usage method and application, be sure to make a selection upon confirmation of suitability for the application before use.

Units are shown in SI units based on the new measuring method, with MKS units also provided.

Quantity

Quantity, when notated, is shown as below.

1 box: Quantity in one small box displayed.
1 carton: Quantity in one cardboard box displayed.


SUGATSUNE



September 2024