

PERFOTUBE®





Plug System

The Plug System allows you to attach brackets and arms to a wall more or less invisibly in any desired location, creating an elegant presentation.

When should you opt for the Plug System?

The Plug System is perfectly suited to a wide range of retail applications. It is frequently used for fashion, lingerie, shoes, opticians and high-tech equipment such as phones. Its elegant look makes it ideal for the mid-range and high-end segments.

How the Plug System works

At the heart of the Plug System is an aluminium socket that can be installed anywhere you choose: in a brick wall, a steel screen, a wooden wall or even a glass sheet. You can then insert different materials such as (shelf-bearing) brackets, arms and carrier arms. This monopoint system allows you to fix these elements to the wall almost invisibly. If you want to change the layout, simply pull the parts out again.

Variations

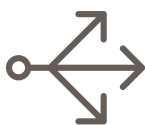
Base: For heavier loads, perfect for sturdier presentations.

Lite: A lighter version for an elegant look and flexible applications.

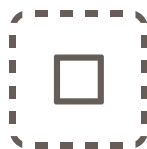
Fine: Extra-fine design for a very refined look.

Floor: Specially designed for floor mounting, ideal for free-standing applications.

Advantages of the Plug System



Ultimate flexibility when presenting your products



'Invisible' attachment

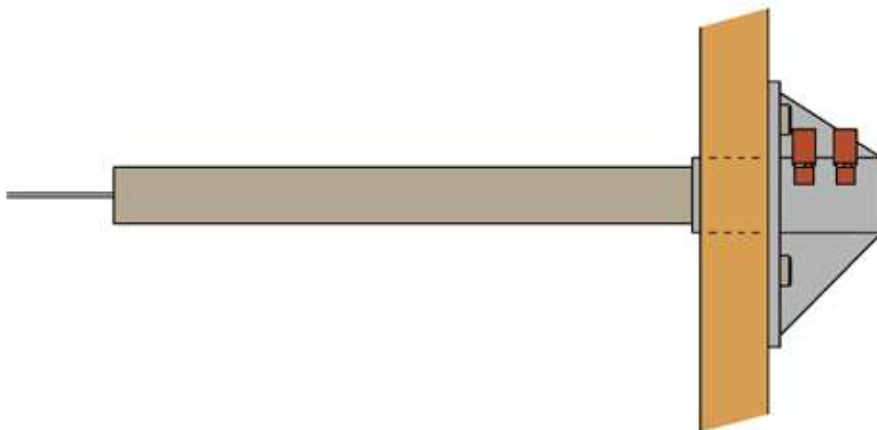
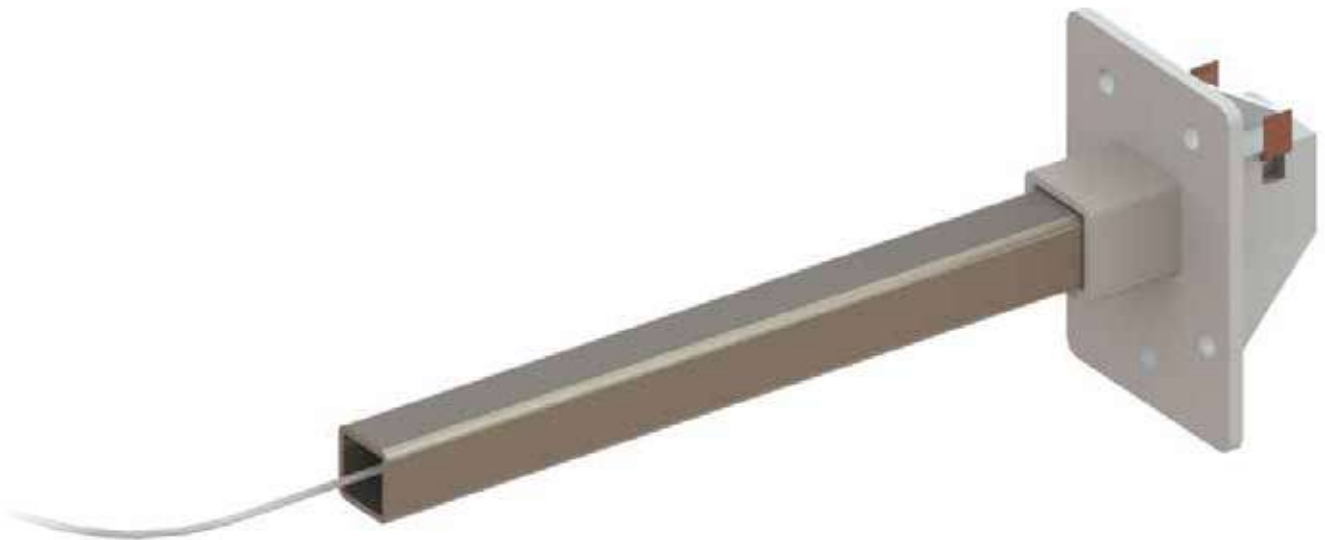


Highly flexible

In addition to our standard systems, we also offer custom solutions. With our extensive partner network, we can respond flexibly to your specific wishes and give you exactly what you need!

The Plug System and LED lighting

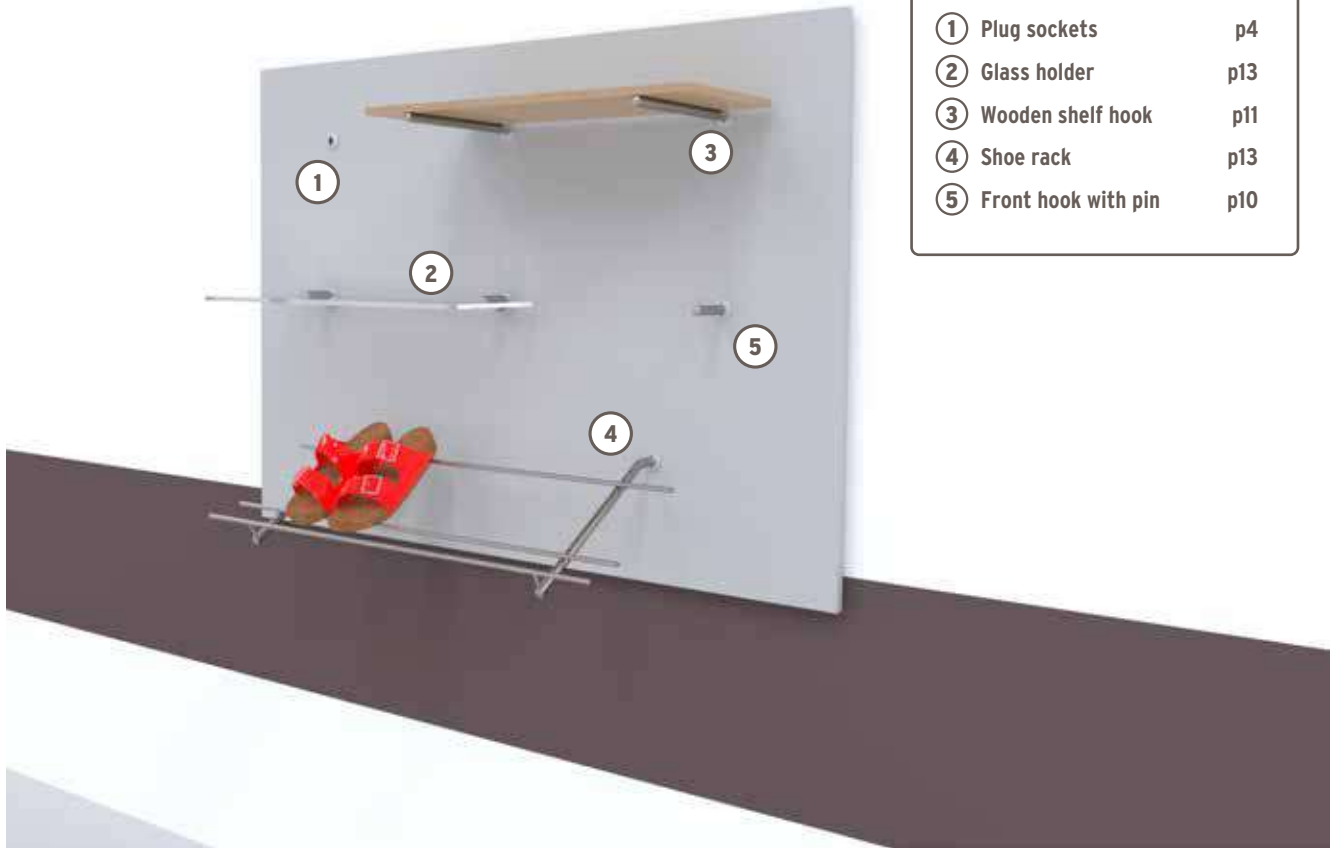
Good lighting adds the finishing touch to your product presentation. Perfotube offers various ways to add LED lighting to the Plug System. Working with reliable partners, we have developed a system that supports LED lighting in a monopoint system. It is based on a plastic part that is mounted behind a back panel, into which a stainless steel tube with LED lighting contacts can be inserted. Contact us to find out what the various options are.



PLUG system

BASE





Legend		
①	Plug sockets	p4
②	Glass holder	p13
③	Wooden shelf hook	p11
④	Shoe rack	p13
⑤	Front hook with pin	p10



Product **PLUG SOCKET**
 Version Conical plug socket with sharp serrated edging for firm positioning.
 Material **Alu matt nickel**

	Weight load	Diameter	Depth	Article
See assembly instructions		Ø35	35	72.1035.11
		Ø40	35	72.1040.11
Material	Stainless steel			
See assembly instructions		Ø35	35	72.1035.21



Product **PLUG SOCKET WITH POSITION NOTCHES**
 Version Conical plug socket. With two position notches on the back for use with CNC milling.
 Material **Alu matt nickel**

	Weight load	Diameter	Depth	Article
See assembly instructions		Ø35	35	72.1135.11
		Ø40	35	72.1140.11



Product **PLUG SOCKET WOOD**
 Version Conical plug socket for gluing into wood. For use for assembly in pre-installed panels requiring a minimum recess depth of 44 mm. Minimum wall thickness 18 mm.
 Material **Alu matt nickel**

	Weight load	Diameter	Depth	Article
See assembly instructions		Ø35	47	72.1235.11



Product **WALL PLUG SOCKET**
 Version Conical plug socket for wall mounting. Includes plastic plug.
 Material **Alu matt nickel**

	Weight load	Diameter	Depth	Article
See assembly instructions		Ø40	95	72.1340.11

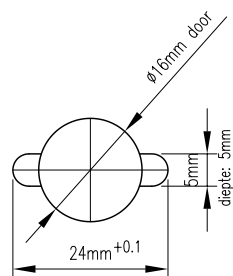
PLUG SOCKET ASSEMBLY INSTRUCTIONS (MOUNTING ON BOARD)

1. Accurately drill or mill a $\varnothing 16$ mm hole if using the standard assembly kit (nut and two washers).
2. Accurately drill or mill a $\varnothing 20.2$ mm hole if using the $\varnothing 60$ mm collar nut.
3. Tighten the plug socket and align it vertically using the assembly wrench.
4. The load depends very much on the board used. The loads mentioned below are based on a board at least 18 mm thick. If using good-quality chipboard and the standard assembly kit, the load with a $\varnothing 35$ and $\varnothing 40$ mm plug socket is 15 kg and 16 kg, respectively; if the $\varnothing 60$ mm collar nut is used, it is 17 kg and 19 kg, respectively. However, we recommend MDF or plywood since these materials have been found to be much more stable. In that case, if the standard assembly kit is used, the load with a $\varnothing 35$ and $\varnothing 40$ mm plug socket is 17 kg and 19 kg, respectively; if the $\varnothing 60$ mm collar nut is used, it is 20 kg and 24 kg, respectively. To prevent the board from bending, it is recommended that you attach vertical longitudinal profiles.



PLUG SOCKET ASSEMBLY INSTRUCTIONS (MOUNTING ON GLASS)

1. Accurately drill a $\varnothing 22$ mm hole.
2. Place the first glass washer over the plug socket, insert in the hole and place the second glass washer over it.
3. Tighten the decorative nut with hook wrench (72.0048.08). Glass thickness may vary between 8 mm and 15 mm.
4. Use the assembly wrench to align the plug socket vertically.
5. The load on the plug sockets when used on glass depends entirely on the strength of the glass; consult the glass supplier.



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET WITH POSITION NOTCHES

1. Hole size is $\varnothing 16$ mm all the way through.
2. The size of the two openings for the position notches is $\varnothing 5$ mm with a milling depth of 5 mm.
3. Note: The position notches must be aligned with the hole horizontally, i.e. at right angles to the vertically positioned recesses on the front of the plug socket.
4. The total width between the two ends of the recess must be 24 mm with a + 0.1 mm margin.
5. Also refer to the line drawing inset on the photo.
6. The load depends very much on the board used. The load mentioned below is based on a board at least 18 mm thick. If using good-quality chipboard and the standard assembly kit, the load with a $\varnothing 35$ and $\varnothing 40$ mm plug socket is 15 kg and 16 kg, respectively; if the $\varnothing 60$ mm collar nut is used, it is 17 kg and 19 kg, respectively. However, we recommend MDF or plywood since these materials have been found to be much more stable. In that case, if the standard assembly kit is used, the load with a $\varnothing 35$ and $\varnothing 40$ mm plug socket is 17 kg and 19 kg, respectively; if the $\varnothing 60$ mm collar nut is used, it is 20 kg and 24 kg, respectively. To prevent the board from bending, it is recommended that you attach vertical longitudinal profiles.



ASSEMBLY INSTRUCTIONS FOR MOUNTING FLANGE

1. Accurately drill or mill a $\varnothing 20.2$ mm hole.
2. Clean out the hole properly (by blowing) and degrease the plug socket thoroughly.
3. Apply adhesive (e.g. Araldite® 2012) to the glue grooves of the mounting flange and inside the hole in the board.
4. Push the flange into the hole and tighten it onto the board using chipboard screws $\varnothing 3 \times 18$ mm.
5. Screw the plug socket $\varnothing 35$ into the flange.
6. Use the spacer ring(s) to align the plug socket vertically.
7. Note: The use of chipboard is strongly discouraged with this assembly as the maximum load is 8 kg per plug socket. MDF, solid wood or plywood can take a much heavier load with this assembly; depending on the material and thickness, the load is then between 14 kg and 18 kg.

**ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET (WOOD, BOARD AND SOLID WOOD)**

1. Accurately drill or mill a $\varnothing 15$ mm hole.
2. Clean out the hole properly (by blowing) and degrease the plug socket thoroughly.
3. Apply adhesive (e.g. Araldite® 2012) to the glue grooves of the plug socket (only a few drops are required).
4. Insert the assembly wrench into the plug socket, and tap the plug socket with a hammer until the thread is in the hole.
5. Use the assembly wrench to tighten the plug socket until the collar touches the wood, and align the plug socket vertically.
6. Note: The use of chipboard is strongly discouraged with this assembly as the maximum load is 8 kg per plug socket. MDF, solid wood or plywood can take a much heavier load with this assembly; depending on the material and thickness, the load is then between 14 kg and 18 kg.

**ASSEMBLY INSTRUCTIONS FOR WALL PLUG SOCKET**

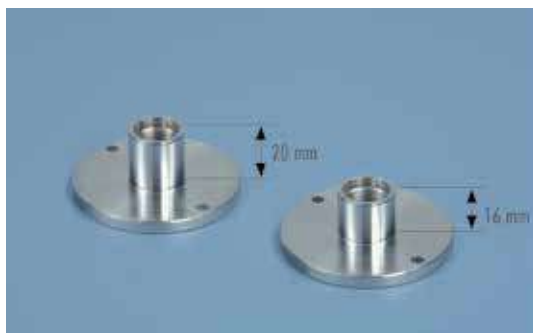
1. Use the drill jig with the lettering "TOP" face up.
2. Accurately drill a $\varnothing 20$ mm hole that is at least 110-120 mm deep (with drill bit length at least 25 cm).
3. Push the plastic plug into the hole. For masonry, push the plug in 15 mm; for concrete, push the plug in 25 mm.
4. Use the assembly wrench to screw the wall plug socket into the plastic plug until the collar touches the wall, and align the plug socket vertically.
5. The load with this assembly depends very much on the wall's condition and type.





Product **ASSEMBLY KIT**
 Version Assembly kit for plug socket. Consists of a Ø70 mm washer, serrated washer and M16 nut. Up to a maximum board thickness of 19 mm.
 Material Galvanised steel

Weight load	Diameter	Article
See assembly instructions	Ø70	73.0050.05



Product **COLLAR NUT**
 Version Collar nut for plug socket for heavier loads. With two Ø4.3 mm screw holes. For board thicknesses of 18 mm and 22 mm. The collar nut cannot be used with a plug socket that has position notches! Use a pin wrench (72.0046.08) to tighten.
 Material Bare alu

Weight load	Diameter	Depth	Article
See assembly instructions	Ø60	16	72.0024.10
	Ø60	20	72.0026.10



Product **GLASS WASHER SET**
 Version To be used for mounting a plug socket on glass, sold in pairs.
 Material Clear plastic

Diameter	Article
Ø35	72.0030.30



Product **DECORATIVE NUT FOR GLASS**
 Version Finely finished nut for mounting a plug socket on glass (between 6 mm and 16 mm). Attach using hook wrench with pin (72.0048.08).
 Material Alu matt nickel

Weight load	Diameter	Depth	Article
See assembly instructions	Ø30	27	72.0035.11



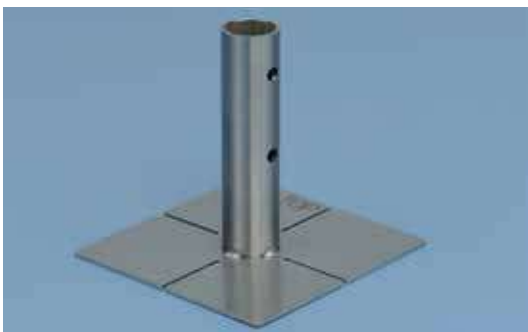
Product **SPACER RING**
 Version To be used with mounting flange to align the positioning of the plug socket.
 Material **Bare alu**

	Diameter	Depth	Article
	Ø35	0.25	72.0038.10



Product **MOUNTING FLANGE**
 Version This allows mounting without fixing to the rear. Screw onto the front, then insert the plug socket. Minimum recess depth 30 mm. Minimum wall thickness 18 mm.
 Material **Bare alu**

	Weight load	Diameter	Depth	Article
	See assembly instructions	Ø35	28	72.0040.10



Product **DRILL JIG**
 Version Drill guide for wall plug socket, for a hole at the correct angle. With alignment grooves and "TOP" lettering.
 Material **Stainless steel**

	Article
	72.0043.20



Product **ASSEMBLY WRENCH**
 Version To be used to align a plug socket vertically. For all plug sockets without position notches and the wall plug socket.
 Material **Stainless steel**

	Article
	72.0044.20



Product	PIN WRENCH	
Version	Wrench for tightening the collar nut.	
		Article 72.0046.08



Product	HOOK WRENCH WITH PIN 25-28	
Version	Wrench for tightening the decorative nut for glass.	
		Article 72.0048.08



Product **FRONT HOOK WITH CAP**
Version Hook with conical end cap.
Material **Stainless steel K240**

Weight load	Diameter	Length	Article
18	Ø15	160	72.2005.21
18	Ø15	260	72.2010.21
17	Ø15	310	72.2015.21



Product **FRONT HOOK WITH PIN**
Version Hook with a Ø5 mm end pin.
Material **Stainless steel K240**

Weight load	Diameter	Length	Article
20	Ø15	50	72.2020.21
19	Ø15	80	72.2021.21
19	Ø15	100	72.2022.21
18	Ø15	160	72.2024.21
18	Ø15	260	72.2026.21
17	Ø15	310	72.2028.21



Product **HOOK FOR GLASS SHELF WITH CAP**
Version Hook with conical end cap and rubber glass washers front and rear.
Material **Stainless steel K240**

Weight load	Diameter	Length	Article
18	Ø15	260	72.2034.21
17	Ø15	310	72.2036.21
14	Ø15	360	72.2038.21



Product **HOOK FOR GLASS SHELF**
Version Hook with rubber glass washers front and rear.
Material **Stainless steel K240**

Weight load	Diameter	Length	Article
18	Ø15	200	72.2042.21
18	Ø15	260	72.2044.21
17	Ø15	310	72.2046.21
14	Ø15	360	72.2048.21



Product	HOOK FOR WOODEN SHELF			
Version	Hook with two countersunk Ø4 mm holes.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	18	Ø15	260	72.2053.21
	17	Ø15	310	72.2055.21
	14	Ø15	360	72.2057.21



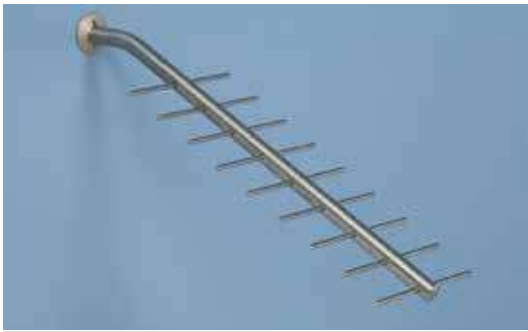
Product	HOOK GLUEABLE			
Version	Hook with milled glue grooves for invisible assembly of a wooden shelf. Minimum shelf thickness 38 mm. Drill diameter Ø15.2 mm.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	18	Ø15	150	72.2058.21
	18	Ø15	200	72.2059.21
	18	Ø15	250	72.2060.21



Product	PRESENTATION HOOK			
Version	Presentation hook turned up approximately 20° at the end.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	3	Ø8	120	72.2062.21
	2.5	Ø8	170	72.2064.21
	2.5	Ø8	220	72.2066.21
	2	Ø8	270	72.2068.21

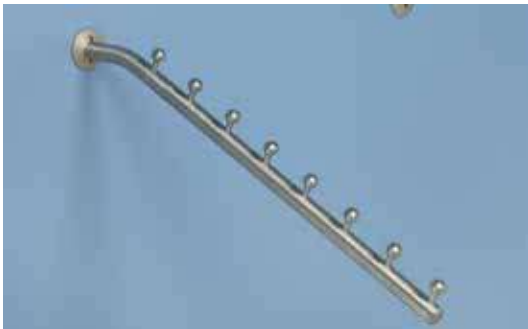


Product	PRESENTATION HOOK WITH PIN			
Version	Presentation hook with end pin.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	3	Ø8	120	72.2072.21
	2.5	Ø8	170	72.2074.21
	2.5	Ø8	220	72.2076.21
	2	Ø8	270	72.2078.21



Product **TIE PRESENTATION**
Version Sloping hook for 18 ties.
Material **Stainless steel K240**

Weight load	Diameter	Length	Article
18	Ø15	380	72.2081.21



Product **SLOPING ARM**
Version Sloping hook with 7/8 balls.
Material **Stainless steel K240**

Weight load	Diameter	Length	Article
18	Ø15	350	72.2082.21
18	Ø15	380	72.2083.21



Product **STEPPED ARM**
Version Stepped hook with conical end cap.
Material **Stainless steel K240**

Weight load	Diameter	Height	Depth	Article
16	Ø15	150	330	72.2085.21
14	Ø15	150	410	72.2086.21



Product **HAT/HELMET HOLDER**
Version Holder for hats, caps or a helmet, with plastic support cap.
Material **Stainless steel K240**

Weight load	Diameter	Height	Depth	Article
14	Ø12	225	225	72.2084.21



Product **GLASS HOLDER**
 Version Glass holder for 8 mm glass. Use at least two per shelf.
 Material **Alu matt nickel**

Weight load	Diameter	Depth	Article
9	Ø28	99	72.2090.11



Product **MONO GLASS HOLDER**
 Version Single glass holder for 6/8 mm glass with 2 plastic clamp screws.
 Material **Alu matt nickel**

Weight load	Diameter	Depth	Article
4	Ø30	22	72.2094.11



Product **SHOE RACK 600 MM**
 Version Consists of two sloping hooks (pitch 600 mm) and three crossbars, which can be adjusted to various positions.
 Material **Stainless steel K240**

Weight load	Diameter	Width	Depth	Article
5	Ø15	800	310	72.2088.21



Product **SHOE BRACKET**
 Version To present one shoe.
 Material **Stainless steel K240**

Weight load	Diameter	Width	Depth	Article
3	Ø6	185	140	72.2232.21



Product	WOOD SCREW ADAPTER
Version	For a small wooden shelf or acrylic shelf with invisible assembly. Wood at least 16 mm thick and acrylic at least 12 mm thick. Hole size Ø5 mm x 32 mm. Glue with 2-component glue.
Material	Stainless steel

Article	72.2246.21
---------	------------



Product	CARD HOLDER
Version	Holder for 4 mm thick advertising sign/card. The card can be secured from the back with two M4 screws.
Material	Alu matt nickel

Weight load	Diameter	Depth	Article
2	Ø30	14	72.2095.11



Product	BOARD HOLDER
Version	Holder with two Ø3.8 mm holes for screwing onto a board. The holes are 22 mm centre-to-centre.
Material	Bare alu

Diameter	Depth	Article
Ø30	4	72.2097.10



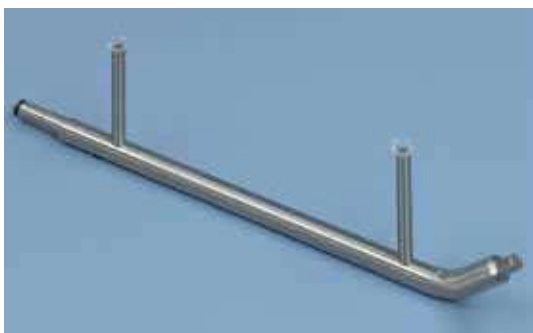
Product	PLUG-IN ADAPTER
Version	Adapter with small protrusion for creating customised hooks.
Material	Stainless steel K240

Diameter	Length	Article
Ø15	10	72.2096.21
Ø15	20	72.2098.21



Product CARRIER ARM FOR HANGING BRACKET
Version Carrier arm for hanging bracket.
 To be used with the carrier tube for hanging bracket (page 16).
Material Stainless steel K240

Weight load	Diameter	Depth	Article
20	Ø15	250	72.2111.21
20	Ø15	300	72.2112.21



Product CARRIER ARM FOR HANGING BRACKET FOR SHELF
Version Carrier arm for hanging bracket. With two raised pins for shelf support.
 Glass buffers can be placed inside these pins or M4 bolts can be used to secure a shelf thoroughly.
 To be used with the carrier tube for hanging bracket (page 16).
Material Stainless steel K240

Weight load	Diameter	Height	Depth	Article
20	Ø15	95	300	72.2116.21



Product SHELF MOUNTING PLATE FOR HANGING BRACKET
Version This support plate, screwed onto the carrier arm for hanging bracket (BASE), can be used to secure a wooden shelf. This also moves the front support point further forward so that deeper shelves can be used.
 Complete with screws and glass buffers.
Material Stainless steel K240

Height	Width	Depth	Article
3	20	290	72.2126.21

ASSEMBLY INSTRUCTIONS

Turn and push the carrier arms into the holes of the carrier tube and then insert the whole unit into the plug sockets in the wall.

FEATURES

The carrier arms are raised at the end, which means that, unlike with many other plug socket systems, hangers can be moved along the entire length of the carrier tube. The separate delivery of the carrier arm and carrier tube saves significant space during transport and storage; load capacity can also be increased by using more carrier arms. The length of the carrier tube can therefore also be customised. Other carrier arms can also be ordered later on if, say, you then want to use the version with the raised pins for a shelf or conversely to change from the version for a shelf to a separate hanging bracket.





Product	CARRIER TUBE FOR HANGING BRACKET		
Version	Carrier tube for hanging bracket with Ø35 mm end disc. With three holes, c/c 300 mm.		
Material	Stainless steel K240		
	Diameter	Width	Article
	Ø25	1160	72.2120.21



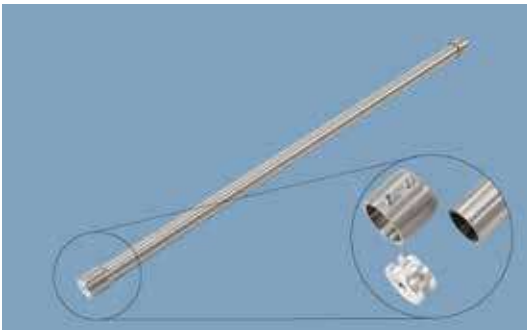
Product	CARRIER TUBE FOR HANGING BRACKET		
Version	Carrier tube for hanging bracket with Ø35 mm end disc. As above but with length and number of holes specified by the customer.		
Material	Stainless steel K240		
	Diameter	Width	Article
	Ø25	72.2122.21



Product	TUBE HOLDER Ø25			
Version	Screwable carrier tube holder for Ø25 mm tube with four Ø4.3 mm screw holes c/c 21.5 mm for mounting below, say, a wooden shelf.			
Material	Stainless steel K240			
	Diameter	Height	Depth	Article
	Ø10 / Ø40	89	12	72.2110.21



Product	STAINLESS STEEL WALL FLANGE		
Version	Solid stainless steel wall flange with 3 countersunk holes. To be used for mounting a Ø25 hanging rod on a wall. Also to be used with the Ø25 tube holder.		
Material	Stainless steel		
	Diameter	Depth	Article
	Ø60 / Ø25.5	10	72.2129.21



Product **FITTING ROOM CURTAIN ROD**
 Version Fitting room curtain rod Ø20 mm including assembly parts for invisible assembly. Length is intermediate size.
 Material **Stainless steel K240**

Diameter	Length	Article
Ø20	650	72.2151.21



Product **FITTING ROOM HOOK GLUEABLE**
 Version Fitting room hook for gluing into wooden panel. Minimum panel thickness is 19 mm. Note: only for light loads.
 Material **Stainless steel K240**

Diameter	Length	Article
Ø12 / 20	30	72.2153.21



Product **FITTING ROOM HOOK SCREWABLE**
 Version Fitting room hook screwable with disc Ø20 mm. Includes bolt M6 x 35 mm and washer. Suitable for boards of 16 mm to 22 mm.
 Material **Stainless steel K240**

Diameter	Length	Article
Ø12 / 20	50	72.2155.21

PLUG system

LITE





Product	PLUG SOCKET LITE			
Version	Conical plug socket with sharp serrated edging for firm positioning.			
Material	Alu matt nickel			
	Weight load See assembly instructions	Diameter Ø25	Depth 35	Article 72.3025.11
Material	Stainless steel			
	See assembly instructions	Ø25	35	72.3025.21



Product	PLUG SOCKET LITE WITH POSITION NOTCHES			
Version	Conical plug socket. With two position notches on the back for use with CNC milling.			
Material	Alu matt nickel			
	Weight load See assembly instructions	Diameter Ø25	Depth 35	Article 72.3125.11



Product	ASSEMBLY KIT			
Version	Assembly kit for plug socket. Consists of a Ø50 mm washer, serrated washer and M16 nut. Up to a maximum board thickness of 19 mm.			
Material	Galvanised steel			
	Weight load See assembly instructions	Diameter Ø50		Article 72.0010.05



Product	COLLAR NUT			
Version	Collar nut for plug socket for heavier loads. With two Ø4.3 mm screw holes. For board thicknesses of 18 mm and 22 mm. The collar nut cannot be used with a plug socket that has position notches! Use a pin wrench (72.0046.08) to tighten.			
Material	Bare alu			
	Weight load See assembly instructions	Diameter Ø60	Depth 16 20	Article 72.0024.10 72.0026.10

PLUG SOCKET ASSEMBLY INSTRUCTIONS (MOUNTING ON BOARD WITH STANDARD ASSEMBLY KIT)

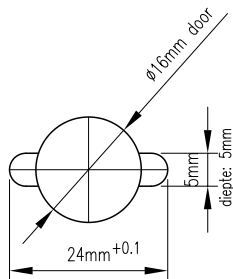


1. Accurately drill or mill a $\varnothing 16$ mm hole.
2. Tighten the plug socket and align it vertically using the assembly wrench.
3. The load depends very much on the board used. The load mentioned below is based on a board at least 18 mm thick. If using good-quality chipboard and the standard assembly kit, the load is 10 kg. However, we recommend MDF or plywood since these materials have been found to be much more stable. In that case, if the standard assembly kit is used, the load is 12 kg. To prevent the board from bending, it is recommended that you attach vertical longitudinal profiles.

PLUG SOCKET ASSEMBLY INSTRUCTIONS (MOUNTING ON BOARD WITH COLLAR NUT)



1. Accurately drill or mill a $\varnothing 20.2$ mm hole.
2. Twist the plug socket into the collar nut and align it vertically using the assembly wrench.
3. The load depends very much on the board used. The load mentioned below is based on a board at least 18 mm thick. If using good-quality chipboard and the $\varnothing 60$ mm collar nut, the load is 13 kg. However, we recommend MDF or plywood since these materials have been found to be much more stable. In that case, if the $\varnothing 60$ mm collar nut is used, the load is 15 kg. To prevent the board from bending, it is recommended that you attach vertical longitudinal profiles.



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET WITH POSITION NOTCHES

1. Hole size is $\varnothing 16$ mm all the way through, and the size of the two openings for the position notches is $\varnothing 5$ mm with a milling depth of 5 mm (note that the position notches must be aligned with the hole horizontally, i.e. at right angles to the vertically positioned recesses on the front of the plug socket).
2. The total width between the two ends of the recess must be 24 mm with a + 0.1 mm margin (also refer to the line drawing inset on the photo).
3. The load depends very much on the board used. The load mentioned below is based on a board at least 18 mm thick. If using good-quality chipboard and the standard assembly kit, the load is 10 kg. However, we recommend MDF or plywood since these materials have been found to be much more stable. In that case, if the standard assembly kit is used, the load is 12 kg. To prevent the board from bending, it is recommended that you attach vertical longitudinal profiles.





Product **ASSEMBLY WRENCH**
 Version To be used to align a plug socket vertically. For all plug sockets without position notches.
 Material **Stainless steel**

Article
72.0044.20



Product **PIN WRENCH**
 Version Wrench for tightening the collar nut.

Article
72.0046.08



Product **FRONT HOOK Ø12 WITH PIN**
 Version Hook with a Ø5 mm end pin.
 Material **Stainless steel K240**

Weight load	Diameter	Length	Article
11	Ø12	100	72.3202.21
11	Ø12	160	72.3204.21
11	Ø12	260	72.3206.21
11	Ø12	310	72.3208.21



Product **T FRONT HOOK Ø12 WITH PIN**
 Version T-presentation with a front hook between two plug sockets. The plug sockets are 400 mm centre-to-centre.
 Material **Stainless steel K240**

Weight load	Diameter	Width	Length	Article
15	Ø12	500	310	72.3218.21



Product **HOOK FOR GLASS SHELF**
 Version Hook with rubber glass washers front and rear.
 Material **Stainless steel K240**

Weight load	Diameter	Length	Article
11	Ø12	200	72.3224.21
11	Ø12	260	72.3226.21
11	Ø12	310	72.3228.21



Product **HOOK FOR WOODEN SHELF**
 Version Hook with two countersunk Ø4 mm holes.
 Material **Stainless steel K240**

Weight load	Diameter	Length	Article
11	Ø12	260	72.3236.21
11	Ø12	310	72.3238.21



Product **SLOPING ARM**
 Version Sloping hook with 7 pins.
 Material **Stainless steel K240**

Weight load	Diameter	Length	Article
11	Ø12	350	72.3242.21



Product **CARRIER ARM FOR HANGING BRACKET**
 Version Carrier arm for hanging bracket. To be used with the following carrier rods for hanging brackets.
 Material **Stainless steel K240**

Weight load	Diameter	Length	Article
10	Ø12	250	72.3411.21



Product **CARRIER ROD FOR HANGING BRACKET SPEC.**
 Version Carrier rod for hanging bracket with Ø5 mm end pins. The length and number of holes can be determined by the customer.
 Material **Stainless steel K240**

Diameter	Length	Article
Ø15	72.3420.21



Product **CARRIER ROD FOR HANGING BRACKET**
 Version Carrier rod for hanging bracket with Ø5 mm end pins. With two holes, c/c 400 mm, for the carrier arms (to be ordered separately).
 Material **Stainless steel K240**

Diameter	Length	Article
Ø15	500	72.3421.21



ASSEMBLY INSTRUCTIONS:

Turn and push the carrier arms into the holes of the carrier rod and then insert the whole unit into the plug sockets in the wall.

FEATURES:

The carrier arms are raised at the end, which means that, unlike with many other plug socket systems, hangers can be moved along the entire length of the carrier rod. The separate delivery of the carrier arms and carrier rod saves significant space during transport and storage; load capacity can also be increased by using more carrier arms. The length of the carrier rod can therefore also be customised.

PLUG system

FINE





Product	PLUG SOCKET Ø4			
Version	Conical plug socket including assembly kit (nut and washer). Suitable for insert elements with a diameter of 4 mm.			
Material	Alu matt nickel			
	Weight load See assembly instructions	Diameter Ø14,5	Length 27	Article 72.4411.11



Product	PLUG SOCKET Ø4 GLASSES			
Version	As above, but designed with longer recesses for the mono glasses holder so that it cannot turn. The mono glasses holder has been adapted for this plug socket.			
Material	Alu matt nickel			
	Weight load See assembly instructions	Diameter Ø14.5	Length 27	Article 72.4411.11BRIL



Product	PLUG SOCKET Ø4 GLUEABLE			
Version	Conical plug socket for gluing into wood, at least 16 mm thick. Suitable for insert elements with a diameter of 4 mm.			
Material	Alu matt nickel			
	Weight load See assembly instructions	Diameter Ø14.5	Depth 22	Article 72.4413.11



Product	WALL PLUG SOCKET Ø4			
Version	Conical plug socket for mounting directly onto a wall. Complete with plastic plug. Suitable for insert elements with a diameter of 4 mm.			
Material	Alu matt nickel			
	Diameter Ø14.5	Depth 37	Article 72.4415.11	



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET Ø4 (MOUNTING ON BOARD)

1. Accurately drill a Ø8 mm hole.
2. Tighten the retaining nut with wrench 13.
3. Use an Allen key (4) to align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
4. The load capacity is low and only suitable for light products such as small accessories or glasses.



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET Ø4 (MOUNTING ON GLASS)

1. Accurately drill a Ø10 mm hole.
2. Place the first glass washer over the plug socket, insert in the hole and place the second glass washer over it.
3. Tighten the nut. Glass thickness may vary between 6 mm and 15 mm.
4. Use an Allen key (4) to align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
5. The load capacity is low and only suitable for light products such as small accessories or glasses.



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET Ø4 GLUEABLE

1. Accurately drill a Ø8 mm hole.
2. Clean out the hole properly (by blowing) and degrease the plug socket thoroughly.
3. Apply adhesive, e.g. Araldite® 2012, to the glue grooves of the plug socket.
4. Turn and push the plug socket into the wood.
5. Use an Allen key (4) to align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
6. The load capacity is low and only suitable for light products such as small accessories or glasses.



ASSEMBLY INSTRUCTIONS FOR WALL PLUG SOCKET Ø4

1. Accurately drill a Ø10 mm hole that is at least 37 mm deep.
2. Clean out the hole properly (by blowing).
3. Push the plastic M5 plug supplied into the hole.
4. Use an Allen key (4) to screw the wall plug socket into the plastic M5 plug until the collar touches the wall, and align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
5. The load capacity is low and only suitable for light products such as small accessories or glasses.



Product	GLASS WASHER SET		
Version	To be used for mounting a plug socket on glass, sold in pairs.		
Material	Clear plastic		
	Diameter		Article
	Ø14.5		72.4403.30



Product	DECORATIVE NUT		
Version	Finely finished nut for mounting a plug socket on glass (between 6 mm and 16 mm).		
Material	Bare alu		
	Diameter	Depth	Article
	Ø15	20.5	72.4404.10



Product	PRESENTATION HOOK Ø4		
Version	Presentation hook turned up approximately 20° at the end. See assembly instructions for the load.		
Material	Stainless steel K240		
	Diameter	Length	Article
	Ø4	30	72.5422.21
	Ø4	60	72.5423.21
	Ø4	90	72.5424.21



Product	SHOE BRACKET Ø4			
Version	Single shoe presentation. The plug sockets are 190 mm centre-to-centre.			
Material	Stainless steel			
	Diameter	Width	Depth	Article
	Ø4	194	130	72.5472.20



Product **MONO GLASSES HOLDER**
 Version Single glasses holder. NOTE: Only use this with the plug socket 72.4411.11BRIL specifically designed for this holder.
 Material **Stainless steel K240**

Diameter	Width	Depth	Article
Ø4	180	165	72.5460.21



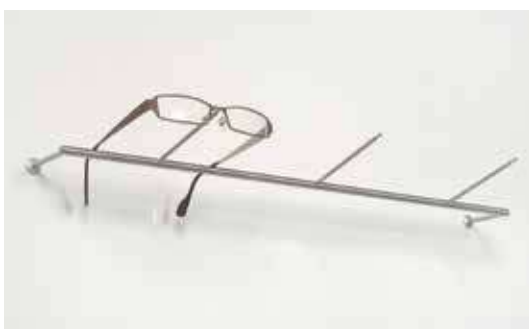
Product **SOLO GLASSES HOLDER**
 Version Glasses holder for one pair of glasses. The plug sockets are 190 mm centre-to-centre.
 Material **Stainless steel K240**

Diameter	Width	Depth	Article
Ø4	200	170	72.5461.21



Product **DUO GLASSES HOLDER**
 Version Glasses holder for two pairs of glasses. The plug sockets are 380 mm centre-to-centre.
 Material **Stainless steel K240**

Diameter	Width	Depth	Article
Ø4	390	170	72.5462.21



Product **TRIO GLASSES HOLDER**
 Version Glasses holder for three pairs of glasses. The plug sockets are 570 mm centre-to-centre.
 Material **Stainless steel K240**

Diameter	Width	Depth	Article
Ø4	580	170	72.5463.21



Product	PLUG SOCKET Ø8		
Version	Conical plug socket including Ø25 mm plain nut with two screw holes. Suitable for insert elements with a diameter of 8 mm.		
Material	Alu matt nickel		
	Diameter	Depth	Article
	Ø22	26	72.4811.11



Product	PLUG SOCKET Ø8 GLUEABLE		
Version	Conical plug socket for gluing into wood, with a board thickness of at least 16 mm. Suitable for insert elements with a diameter of 8 mm.		
Material	Alu matt nickel		
	Diameter	Depth	Article
	Ø22	24	72.4813.11



Product	WALL PLUG SOCKET Ø8		
Version	Conical plug socket for mounting directly onto a wall. Complete with plastic plug. Suitable for insert elements with a diameter of 8 mm.		
Material	Alu matt nickel		
	Diameter	Depth	Article
	Ø15	71	72.4815.11



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET Ø8 (MOUNTING ON BOARD)

1. Accurately drill a Ø12 mm hole.
2. Tighten the plug socket and align it vertically using an Allen key (8). Note that there are two small recesses; these must be aligned vertically.
3. Tighten the plain nut using the pin wrench (72.0046.08), and screw tight with two wood screws if applicable.
4. The maximum load is 3 kg per plug socket.



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET Ø8 (MOUNTING ON GLASS)

1. Accurately drill a Ø14 mm hole.
2. Place the first glass washer over the plug socket, insert in the hole and place the second glass washer over it.
3. Tighten the plain nut. Glass thickness may vary between 8 mm and 15 mm.
4. Use an Allen key (8) to align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
5. The maximum load on the plug sockets when used on glass is 3 kg.



ASSEMBLY INSTRUCTIONS FOR PLUG SOCKET Ø8 GLUEABLE ON BOARD AND SOLID WOOD.

1. Accurately drill a Ø12 mm hole.
2. Clean out the hole properly (by blowing) and degrease the plug socket thoroughly.
3. Apply adhesive, e.g. Araldite® 2012 (pot life of 4 minutes), to the glue grooves of the plug socket (only a few drops are required).
4. Turn and push the plug socket into the wood.
5. Use an Allen key (8) to align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
6. The maximum load is 2.5 kg.



ASSEMBLY INSTRUCTIONS FOR WALL PLUG SOCKET Ø8

1. Accurately drill a Ø14 mm hole that is 85-95 mm deep.
2. Clean out the hole properly (by blowing).
3. Push the plastic plug supplied into the hole. Depending on the strength of the wall, the plug must be pushed 6-18 mm deeper into the hole. Concrete, for example, is harder than masonry and therefore the plug needs to go deeper into the hole.
4. Use an Allen key (8) to screw the wall plug socket into the plastic plug until the collar touches the wall, and align the plug socket vertically. Note that there are two small recesses; these must be aligned vertically.
5. The maximum load is 3.5 kg.



Product	GLASS WASHER SET	
Version	To be used for mounting a plug socket on glass, sold in pairs.	
Material	Clear plastic	
	Diameter	Article
	Ø22	72.4803.30



Product	DECORATIVE NUT		
Version	Finely finished nut for mounting a plug socket on glass (between 6 mm and 16 mm).		
Material	Bare alu		
	Diameter	Length	Article
	Ø25	21	72.4804.10



Product	DRILL JIG	
Version	Drill guide for wall plug socket, for a hole at the correct angle. With alignment grooves and "TOP" lettering.	
Material	Stainless steel	
		Article
		72.4802.20



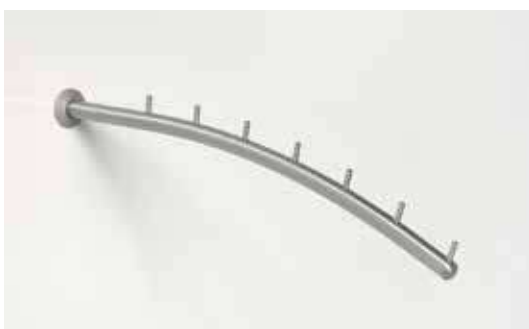
Product	FRONT HOOK			
Version	Hook with end pin.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	3.5	Ø8	100	72.5813.21
	3.5	Ø8	150	72.5814.21
	3.5	Ø8	200	72.5815.21
	3	Ø8	250	72.5816.21
	2.5	Ø8	300	72.5817.21



Product	PRESENTATION HOOK			
Version	Presentation hook turned up approximately 20° at the end.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	3.5	Ø8	100	72.5823.21
	3.5	Ø8	150	72.5824.21
	3.5	Ø8	200	72.5825.21
	3	Ø8	250	72.5826.21
	2.5	Ø8	300	72.5827.21



Product	HOOK GLASS/WOOD			
Version	Hook with 2 rubber rings for lightweight glass and wooden shelves.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	3.5	Ø8	150	72.5834.21
	3	Ø8	200	72.5835.21
	2.5	Ø8	250	72.5836.21
	2.5	Ø8	300	72.5837.21



Product	SLOPING ARM			
Version	Curved sloping hook with 7 pins.			
Material	Stainless steel K240			
	Weight load	Diameter	Length	Article
	2.5	Ø8	300	72.5844.21



Product **SHOE HOOK**
 Version Straight hook for presenting shoes. To be used in pairs for one shoe.
 Material **Stainless steel K240**

Weight load	Diameter	Length	Article
2.5	Ø8	130	72.5871.21



Product **GLASS SHELF HOLDER FOR GLASSES**
 Version Glass holder for 6 mm glass. A gap of 33 mm from the back panel to the edge of the glass allows the arms to hang over the glass. Use at least two per shelf. It is recommended that the plug sockets are 190 mm centre-to-centre.
 Material **Alu matt nickel**

Weight load	Diameter	Length	Article
2.5	Ø17.5	47	72.5860.11



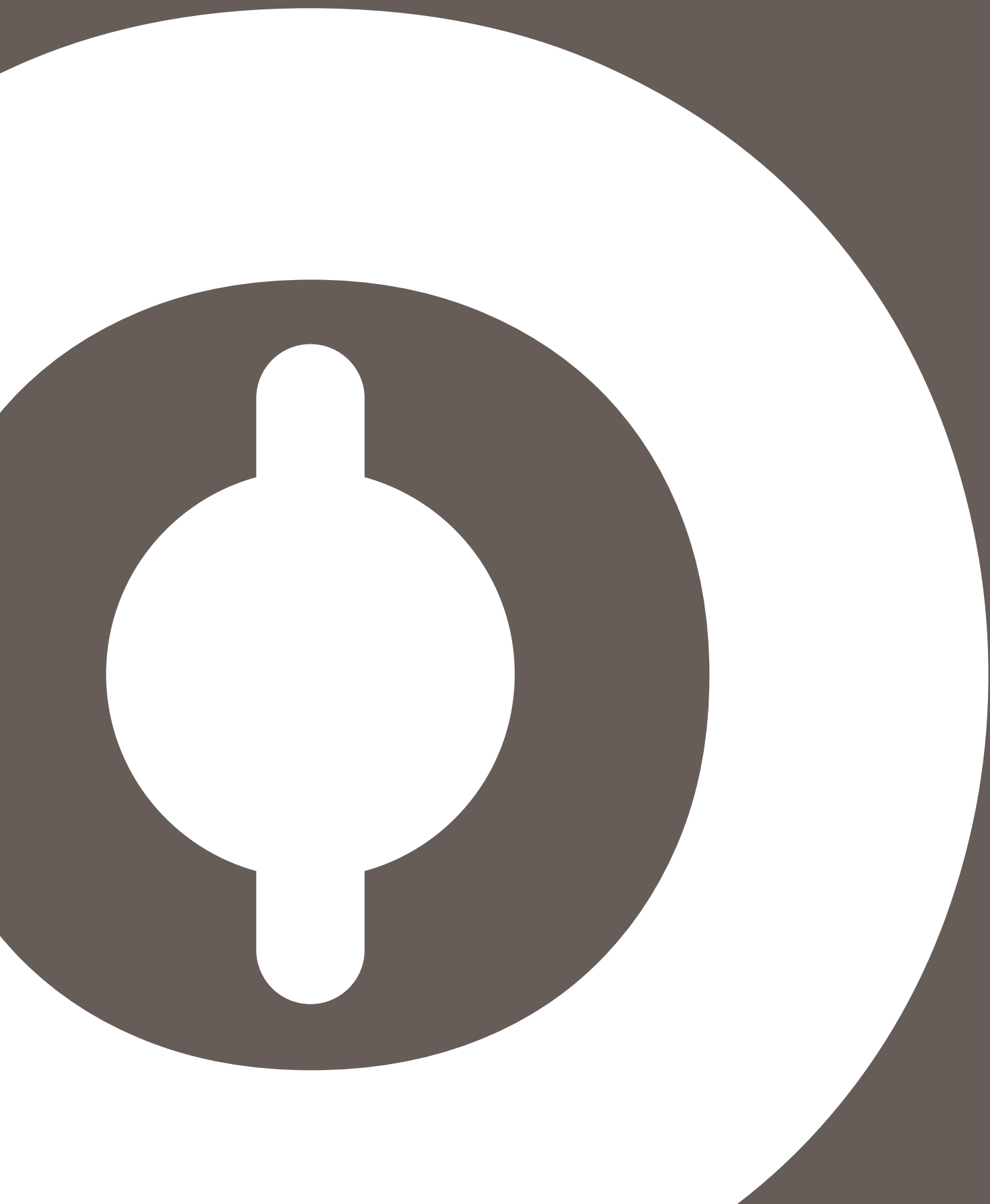
Product **BOARD HOLDER**
 Version Holder with two Ø3.8 mm holes for screwing onto a board. The holes are 17 mm centre-to-centre.
 Material **Bare alu**

Diameter	Depth	Article
Ø25	7.5	72.5852.10



PLUG
system

FLOOR

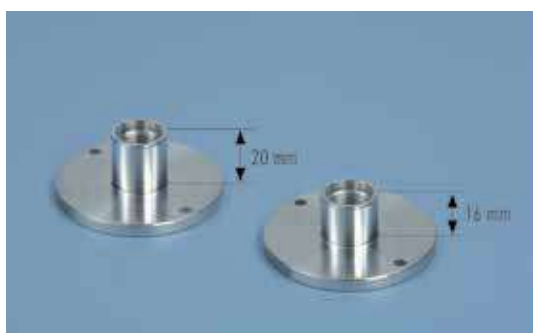




Product	DUCKBOARD PLUG SOCKET		
Version	Plug socket for mounting on a duckboard, with sharp serrated edging for firm positioning.		
Material	Stainless steel K240		
	Diameter	Depth	Article
	Ø40	35	72.8112.21
	Ø50	35	73.1050.21



Product	DUCKBOARD PLUG SOCKET		
Version	Plug socket for mounting on a duckboard, with sharp serrated edging for firm positioning.		
Material	Alu matt nickel		
	Diameter	Depth	Article
	40x40	35	72.8114.11



Product	COLLAR NUT		
Version	Collar nut for duckboard plug socket. With two Ø4.3 mm screw holes. For board thicknesses of 18 mm and 22 mm. Use a pin wrench (72.0046.08) to tighten.		
Material	Bare alu		
	Diameter	Depth	Article
	Ø60	16	72.0024.10
	Ø60	20	72.0026.10



ASSEMBLY INSTRUCTIONS FOR DUCKBOARD PLUG SOCKET

1. Accurately drill a Ø20 mm hole.
2. Place the Ø60 mm collar nut and the plug socket.
3. Align with the assembly wrench and tighten with a pin wrench (72.0046.08).



Product	ASSEMBLY WRENCH		
Version	To be used to align a duckboard plug socket.		
Material	Stainless steel		
			Article 72.0044.20



Product	PIN WRENCH		
Version	Wrench for tightening the collar nut.		
			Article 72.0046.08



Product	FLOOR PIN		
Version	Straight raised pin for creating customised presentations.		
Material	Stainless steel K240		
	Diameter	Height	Article
	Ø15	250	72.8222.21
	Ø15	500	72.8224.21
	Ø15	800	72.8226.21
	Ø15	1200	72.8228.21



Product	DECORATIVE PLATFORM				
Version	Straight raised pin with horizontal platform.				
Material	Stainless steel K240				
	Diameter	Height	Width	Depth	Article
	Ø15	250	340	340	72.8232.21
	Ø15	500	340	340	72.8234.21



Product	DECORATIVE PLATFORM SLANTED				
Version	Straight raised pin with slanted platform.				
Material	Stainless steel K240				
	Diameter	Height	Width	Depth	Article
	Ø15	250	340	340	72.8236.21
	Ø15	500	340	340	72.8238.21



Product	PLATFORM PIN		
Version	Straight raised pin with a horizontal flange to screw on a wooden platform.		
Material	Stainless steel K240		
	Diameter	Height	Article
	Ø15	250	72.8231.21
	Ø15	500	72.8233.21



Product	PLATFORM PIN SLANTED		
Version	Straight raised pin with a slanted flange to screw on a wooden platform.		
Material	Stainless steel K240		
	Diameter	Height	Article
	Ø15	250	72.8235.21
	Ø15	500	72.8237.21



Product	FLOOR PIN FOR GLASS		
Version	Straight raised pin with attachment for a glass platform. Size of hole in the glass is Ø12 mm.		
Material	Stainless steel K240		
	Diameter	Height	Article
	Ø15	250	72.8242.21
	Ø15	500	72.8244.21



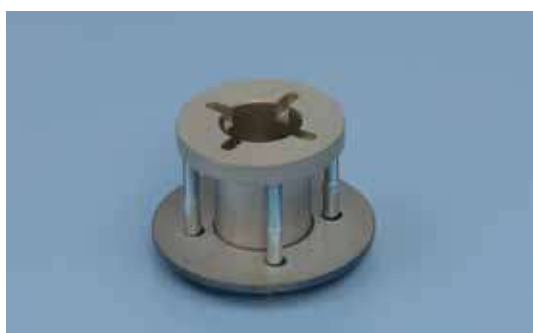
Product **SHOE STAND**
 Version Raised presentation for presenting a single shoe.
 Material **Stainless steel K240**

Diameter	Height	Article
Ø15	150	72.8252.21
Ø15	250	72.8254.21
Ø15	350	72.8256.21
Ø15	450	72.8258.21



Product **PRICE CARD STAND**
 Version Raised pin with clamp holder for an acrylic sign holder. Various heights and widths available on request. Supplied without acrylic sign holder.
 Material **Stainless steel K240**

Diameter
Ø12



Product **FLOOR SOCKET Ø60**
 Version Floor socket for mounting on wood. Includes assembly parts. This system is very stable and fits snugly with the adapter. For a board thickness of 22-38 mm. The standard thickness is 38 mm.

Material **Alu matt nickel**

Diameter	Depth	Article
Ø60	48	72.9110.11



Product **FLOOR SOCKET Ø60**
 Version Floor socket for mounting on existing concrete floor.
 Material **Alu matt nickel**

Diameter	Depth	Article
Ø60	155	72.9112.11



Product	FLOOR SOCKET Ø40		
Version	Floor socket for mounting on wood with sharp serration for firm positioning. Includes mounting nut. This system is very stable and fits snugly with the adapter. For a board thickness of 16-40 mm.		
Material	Alu matt nickel		
	Diameter	Depth	Article
	Ø40	56	72.9120.11



Product	HOOK WRENCH WITH PIN 58-62		
Version	Wrench for tightening the mounting nut of the Ø40 floor socket.		
			Article
			72.0049.08



ASSEMBLY INSTRUCTIONS FOR FLOOR SOCKET Ø60 ON WOOD

1. Accurately drill a Ø35 mm hole straight into the wood.
2. Drill four Ø7 mm holes cross-wise outside the inner hole with a pitch of 50 mm.
3. Insert the floor socket into the hole and place the Ø80 mm washer on it.
4. Insert the four socket head bolts with their washers through the four holes and tighten them all firmly. The socket head bolts supplied as standard are for a board thickness of 38 mm. Other sizes are available on request.



ASSEMBLY INSTRUCTIONS FOR FLOOR SOCKET Ø60 ON CONCRETE

1. Accurately drill a Ø40 mm hole in the concrete that is 150 mm deep.
2. Clean the hole and clear it of dust.
3. Inject chemical anchor into the hole (Hilti HIT-HY 150).
4. Twist and push the floor socket precisely into the middle of the hole. Also refer to the instructions for using the chemical anchor.



ASSEMBLY INSTRUCTIONS FOR FLOOR SOCKET Ø40 ON WOOD

1. Accurately drill a $\varnothing 28$ mm hole straight into the wood.
2. Insert the floor socket into the hole.
3. Tighten the mounting nut using a hook wrench with pin (72.0049.08).



Product	COVER PLATE Ø60
Version	To cover the opening of unused $\varnothing 60$ floor sockets.
Material	Alu matt nickel

Diameter	Article
$\varnothing 60$	72.9011.11



Product	COVER PLATE Ø40
Version	To cover the opening of unused $\varnothing 40$ floor sockets.
Material	Alu matt nickel

Diameter	Article
$\varnothing 40$	72.9021.11



Product	ADAPTER Ø60
Version	Conical plug-in adapter for $\varnothing 60$ mm wood/concrete floor socket. $\varnothing 25 \times 2$ or $\varnothing 30 \times 2$ tubes can be crimped onto this for customised applications.
Material	Stainless steel

Diameter	Article
$\varnothing 20.5$	72.9212.20
$\varnothing 25.5$	72.9214.20



Product	ADAPTER Ø40	
Version	Conical plug-in adapter for Ø40 mm wood floor socket. Ø25x2 or Ø30x2 tubes can be crimped onto this for customised applications.	
Material	Stainless steel	
	Diameter	Article
	Ø20.5	72.9222.20
	Ø25.5	72.9224.20

