



**KLICK FAST Castellation  
Connector Technology**

# COMPANY OVERVIEW

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Peter Jones (ILG) Limited is a leading manufacturer and supplier of innovative carry and protection products, combining quality, durable leather and modern plastic moulded components.



Group employees: 75



55 years' experience



Global exporter



Owner of KLIK FAST  
Device Carrying System



UK-based manufacturer



£6.4 million group net sales

# ISO CERTIFICATIONS



# KLICK FAST APPROVED PARTNER

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To allow you to buy a KLIK FAST Connector and use the KLIK FAST brand and logo, we require you to sign our Approved Partner Agreement. We have over 100 Approved Partners around the world, giving their customers the confidence that they are being supplied a genuine Peter Jones (ILG) Ltd KLIK FAST and thereby not invalidating any existing uniform accessory warranties.

# KLICK FAST IN ACTION

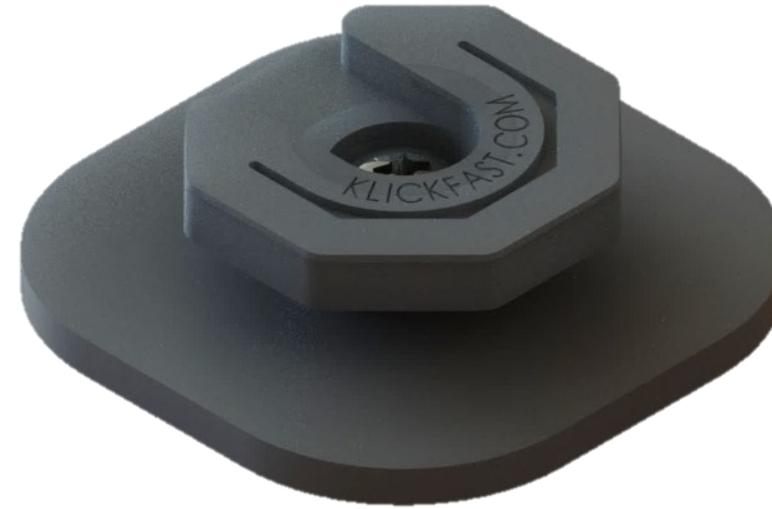
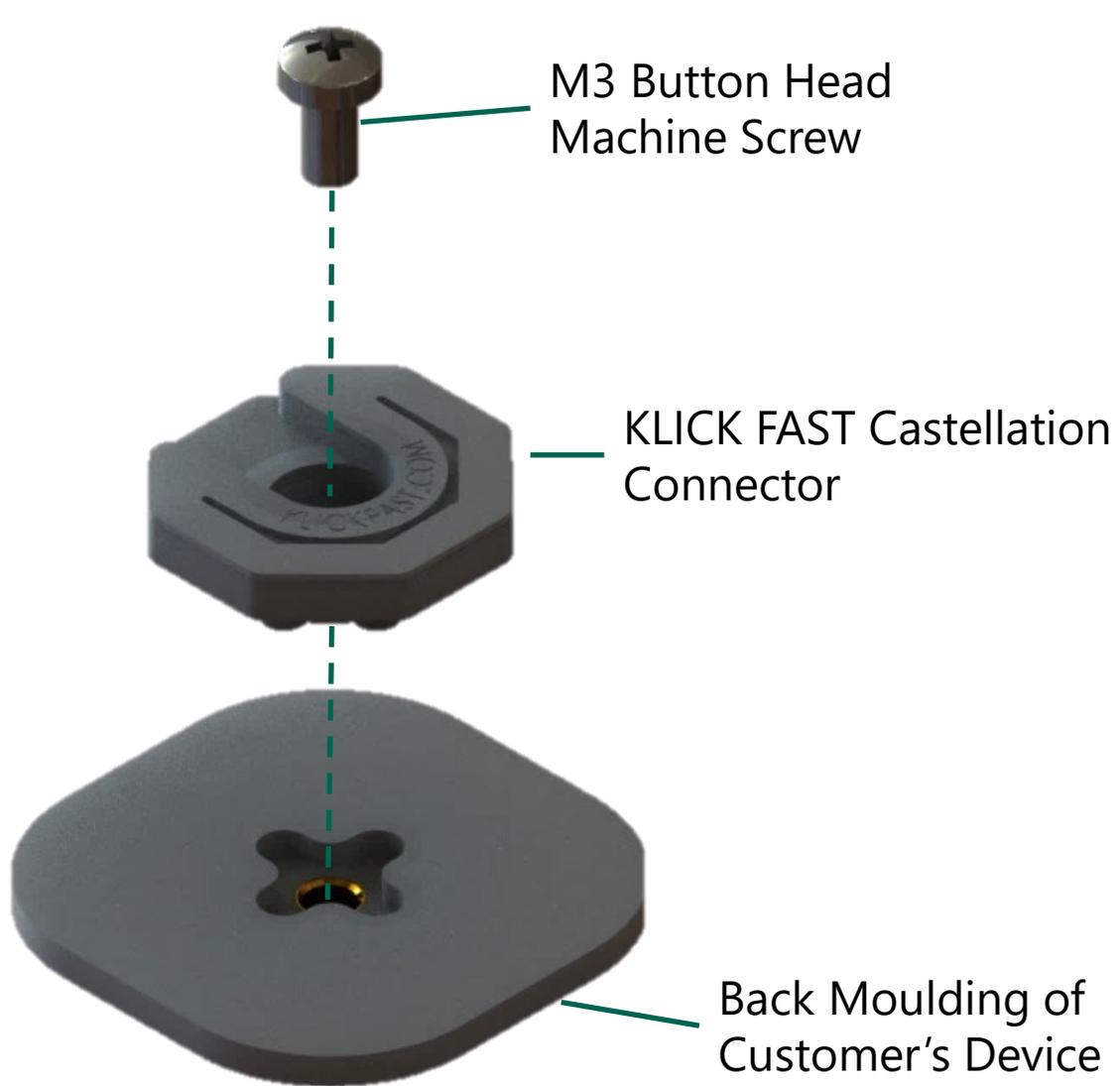
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A KLICK FAST Connector, attached to a device or holder, slides and locks easily into any KLICK FAST Dock located anywhere on the body, vehicle dashboards, lockers and bicycle handlebars. Once docked, the device can be rotated to any of seven ratcheted positions. It undocks quickly by rotating it to its inverted position and sliding it free of the Dock.

Please click on the KLICK FAST logo to view the KLICK FAST in action.



# KLICK FAST CASTELLATION CONNECTOR – OVERVIEW



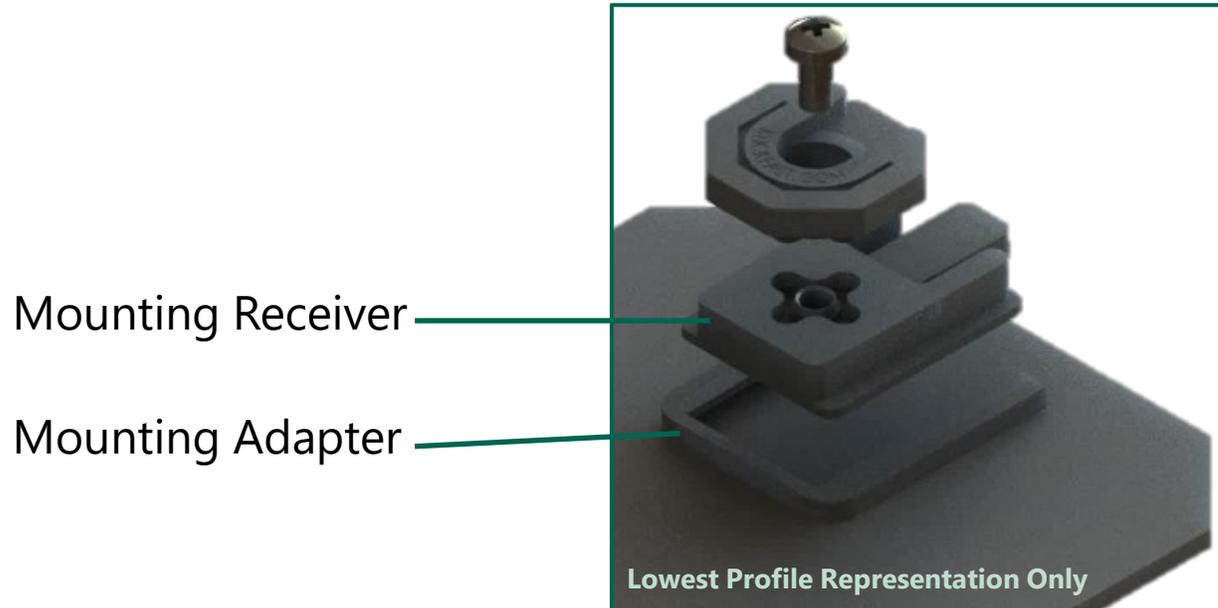
The Castellation Connector is the **lowest profile** and most **discreet** KLICK FAST Connector available. Designed to be attached directly to the back moulding of customers' devices (e.g. body-worn video cameras, gas detectors). This enables hands-free portability of these devices when paired with our range of KLICK FAST Docks.

**Part No. RSTUD02** (includes Connector + screw)  
**Part No. RSTUD02NOS** (includes Connector only)

# KLICK FAST CASTELLATION CONNECTOR – BENEFITS

The KLICK FAST Castellation Connector and Clover System offer several benefits over the currently recognised system of non-universal Mounting Adapters and Mounting Receivers. These benefits include:

- Cost savings and reduced environmental impact;
- Simpler tooling and reduction in the surface footprint on the customer's device;
- Low-profile docking and mounting reliability.



Current Non-Universal Mounting System

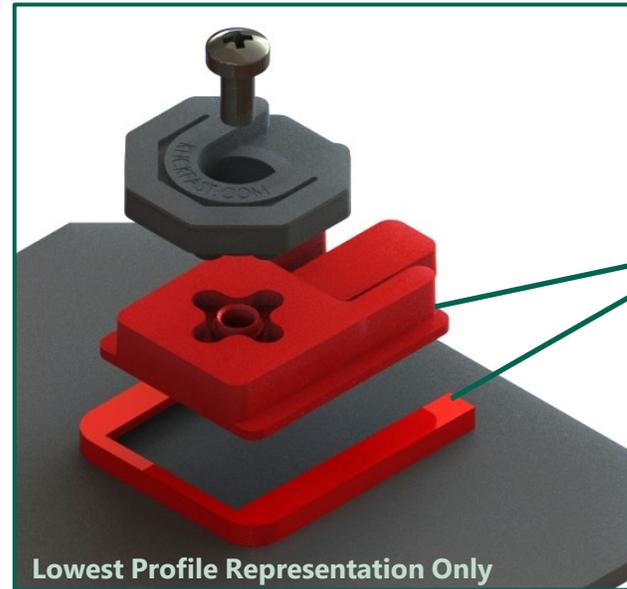
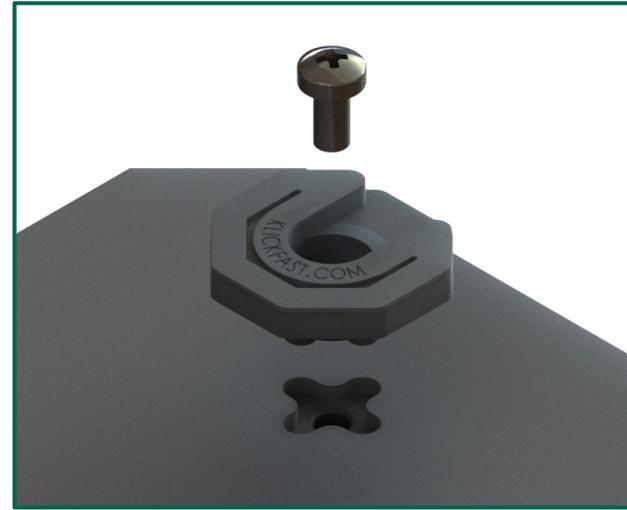


KLICK FAST Castellation Connector and Clover System

# COST SAVINGS AND ENVIRONMENTAL IMPACT

**Cost Savings** – by using a Castellation Connector mounted directly to a customer’s device, there is no need for a Mounting Adapter. Consequently, there are cost savings in areas of design, development and manufacturing. The KLIK FAST Castellation Connector is not subject to change between different devices, creating further savings in development and tooling.

**Environmental Impact** – as a Mounting Adapter is not required, there is less of an environmental impact, reducing the use of plastics, tooling materials, manufacturing time and carbon footprint. This also saves some material from the customer’s device as there will be no need for the Mounting Receiver to be moulded in the device. Instead, only the Castellation Clover will need to be included.

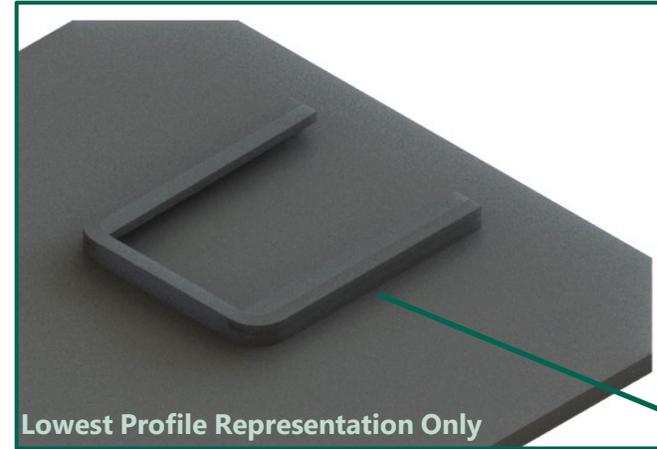


>65% estimated reduction in required mounting hardware material

# TOOLING AND SURFACE FOOTPRINT

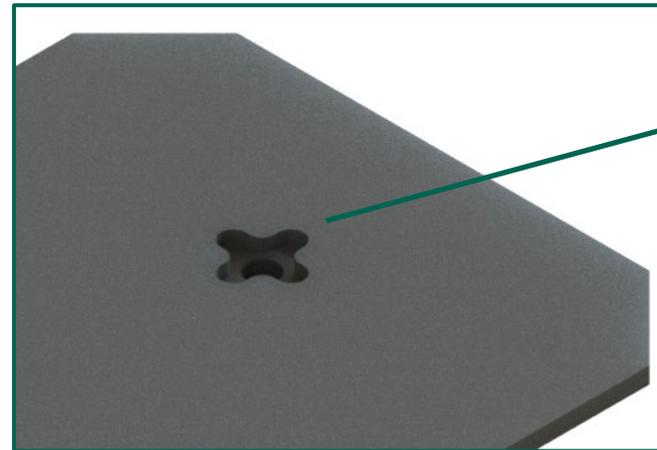
**Simpler Tooling** – Current Mounting Receivers require complex tooling. Normally, these tools include sliding cores and consequently require more frequent maintenance and a more complex machine setup to run. The KCLICK FAST Castellation Clover is designed to only require Open-Shut tooling which simplifies the tooling and processing significantly.

**Surface footprint** – The current Mounting System can occupy an estimated 10–25% surface area on the back of a customer’s device. The KCLICK FAST Castellation Clover occupies a fraction of this area, leaving more valuable space on the customer’s device to make use of.



Current Mounting Receiver

>90% Reduction in surface area occupation



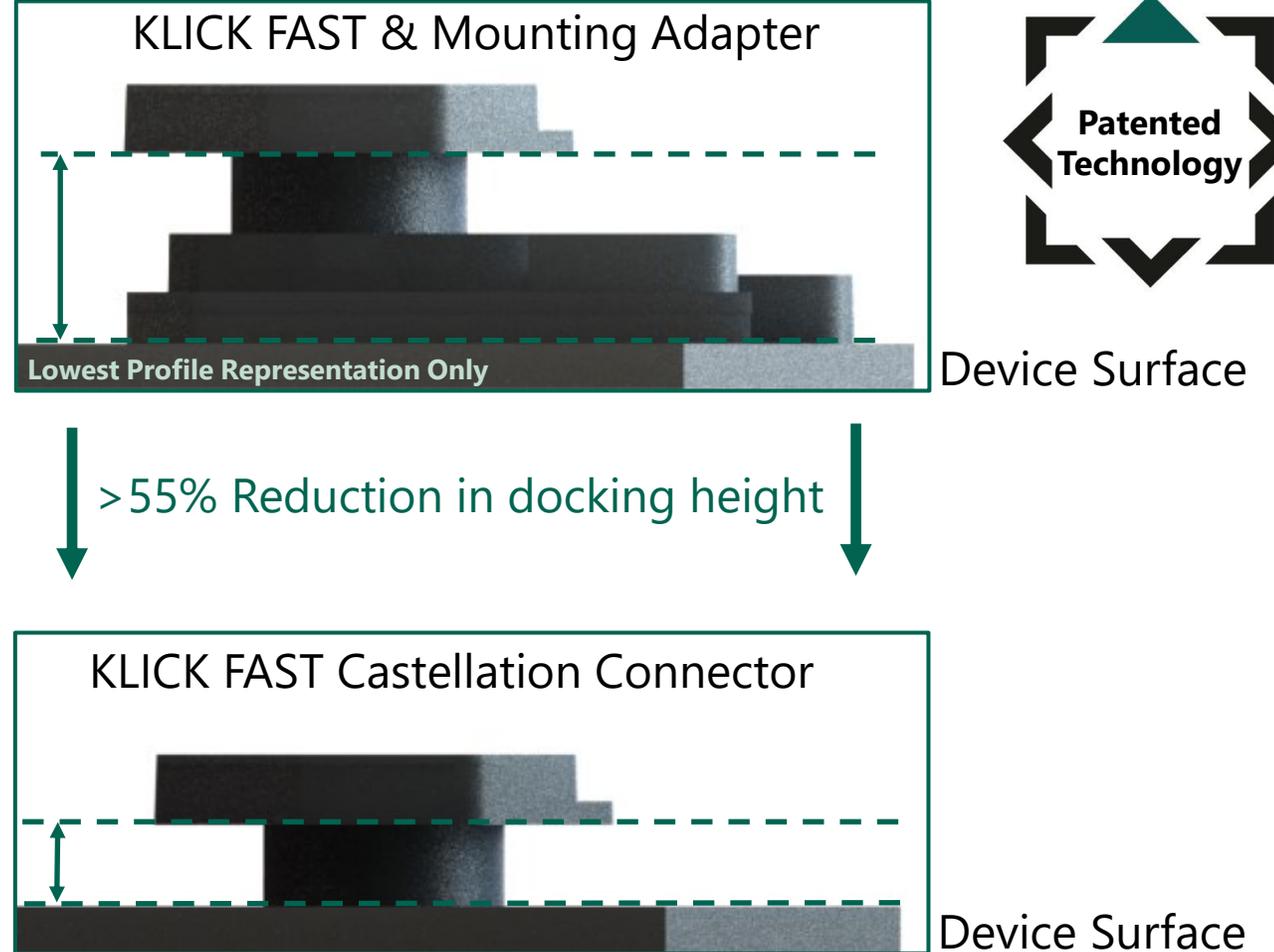
KCLICK FAST Castellation Clover



# LOW-PROFILE DOCKING AND MOUNTING RELIABILITY

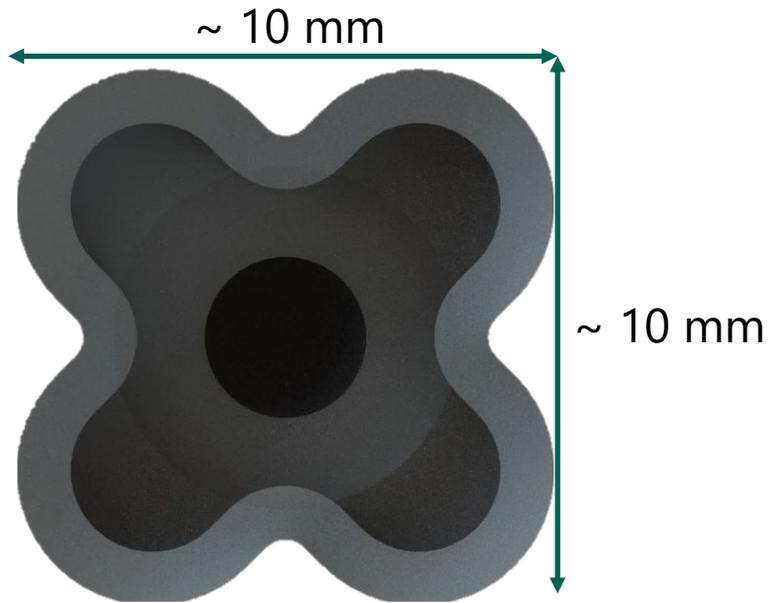
**Low-Profile Docking** – Without the need for a Mounting Adapter, the KCLICK FAST Castellation Connector allows for low-profile docking. This benefits the wearer of the device by reducing the overall body-to-device distance. It reduces the risk of items like seatbelts and straps etc. getting in-between the device and the wearer. It also helps prevent device tilt, allowing for devices such as body-worn cameras to operate more effectively.

**Mounting Reliability** – Due to the KCLICK FAST Castellation Connector being securely fastened to the device, it offers a higher reliability over a slide-fit Mounting Adapter. A Mounting Adapter can be more susceptible to detaching from the device, whereas this would potentially only occur under extreme stress with the KCLICK FAST Castellation Connector.

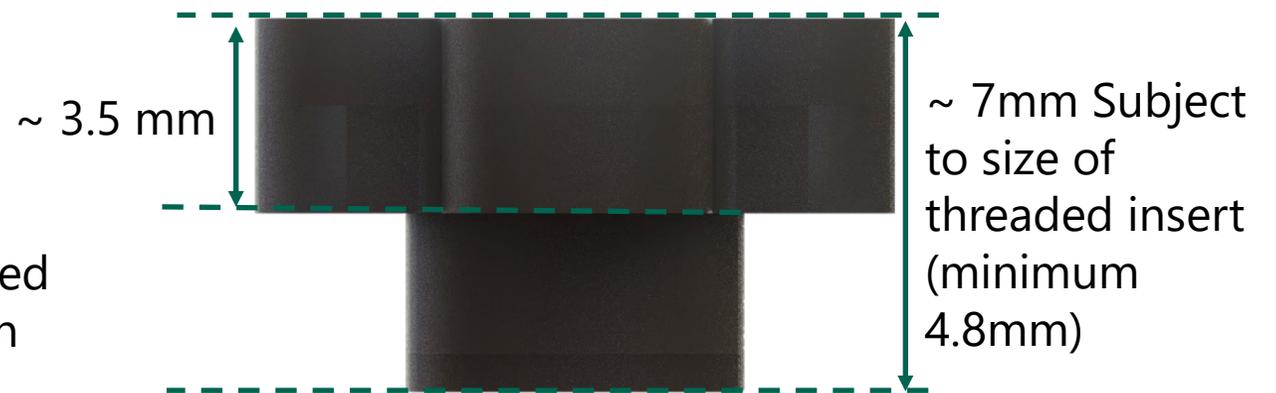


# KLICK FAST CASTELLATION CLOVER - OVERVIEW

The Castellation Clover is the Mounting Receiver specifically designed for the KLICK FAST Castellation Connector. Even in a small device, it has a very small spatial impact, with a volume of less than  $662 \text{ mm}^3$ .

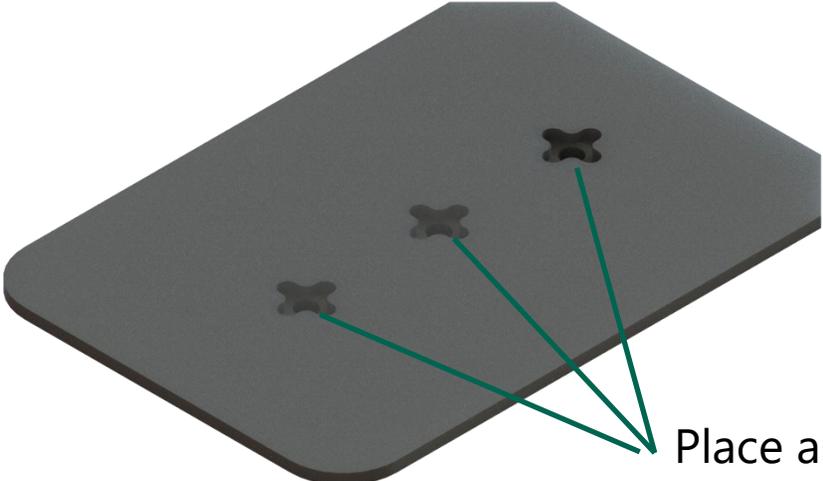


The bottom half of the Castellation Clover is designated for a threaded insert capable of receiving a M3 button head machine screw.

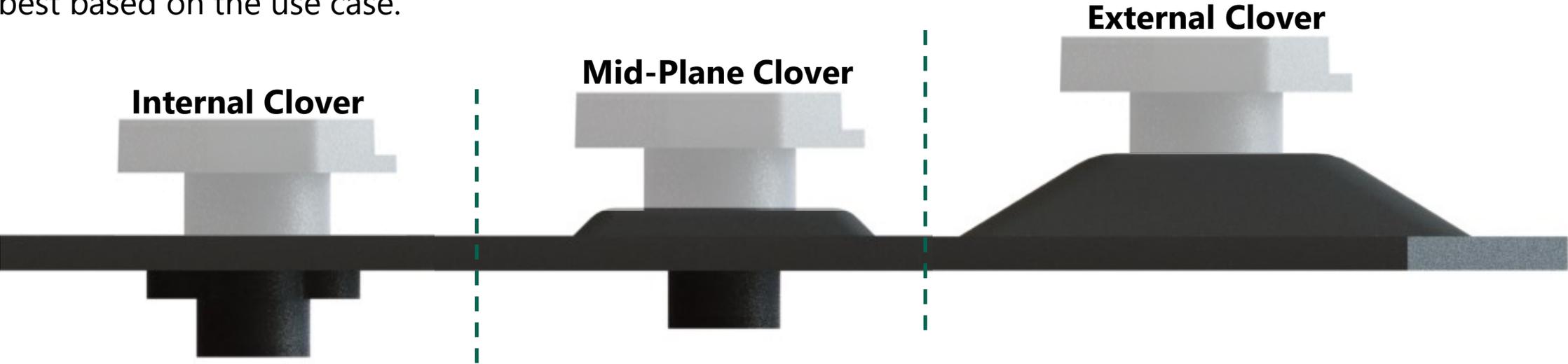


# KLICK FAST CASTELLATION CLOVER PLACEMENT

Due to its small spatial impact and surface footprint, there is freedom to incorporate the Castellation Clover wherever it is best suited. If the internal space of a device is sparse then the Castellation Clover can be mounted externally. If overall thickness is critical, it can be absorbed internally. Alternatively, the Castellation Clover can be moulded mid-plane through the back moulding of the device. There is no limit to where the Castellation Clover is located on a customer's device, although we can advise where we believe it would perform best based on the use case.



Place anywhere



# CASTELLATION CLIP

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The Castellation Clip is an alternative to the KCLICK FAST Castellation Connector. If KCLICK FAST docking is not required by all customers, the Castellation Clip can utilise the same Patented Castellation Technology as the KCLICK FAST Castellation Connector.

The device is secured to the castellation area on the Clip, then the Clip can be attached to shirt epaulettes, shirt plackets, pockets, belts, trouser pockets, jacket zip openings and skirt/trouser waistbands.



## DESIGN CONCEPT

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# KLICK FAST CASTELLATION CLIP - OVERVIEW

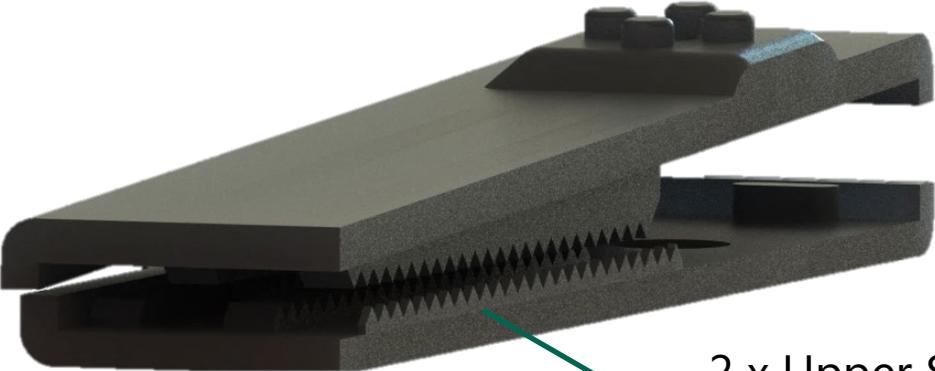
The Castellations Clip is designed to have a very low profile, with a strong spring, pivoting around a pin.



Thru Hole for M3 screw access

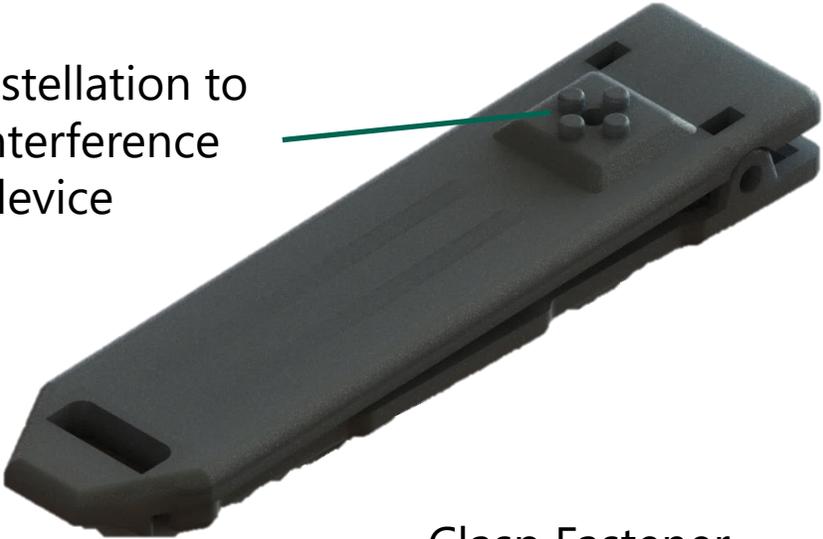


MOLLE System Compatible



2 x Upper Serrated Teeth  
3 x Lower Serrated Teeth  
- Overbite Design

Raised Castellation to prevent interference with the device



Clasp Fastener for extra security

## DESIGN CONCEPT

# CONTACT US

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