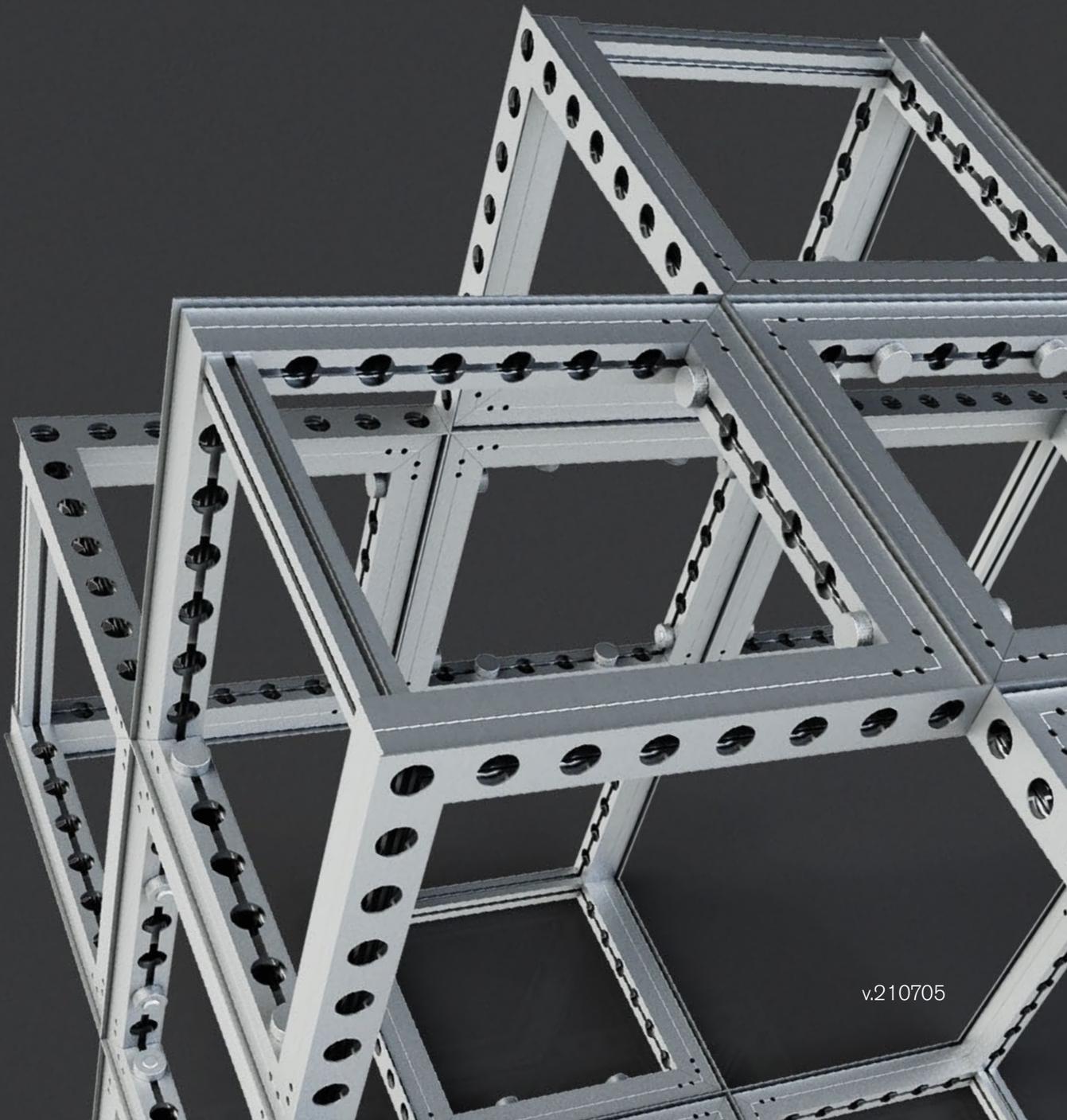


unibox

Mod-U-Lok

Temporary Structure System



v.210705

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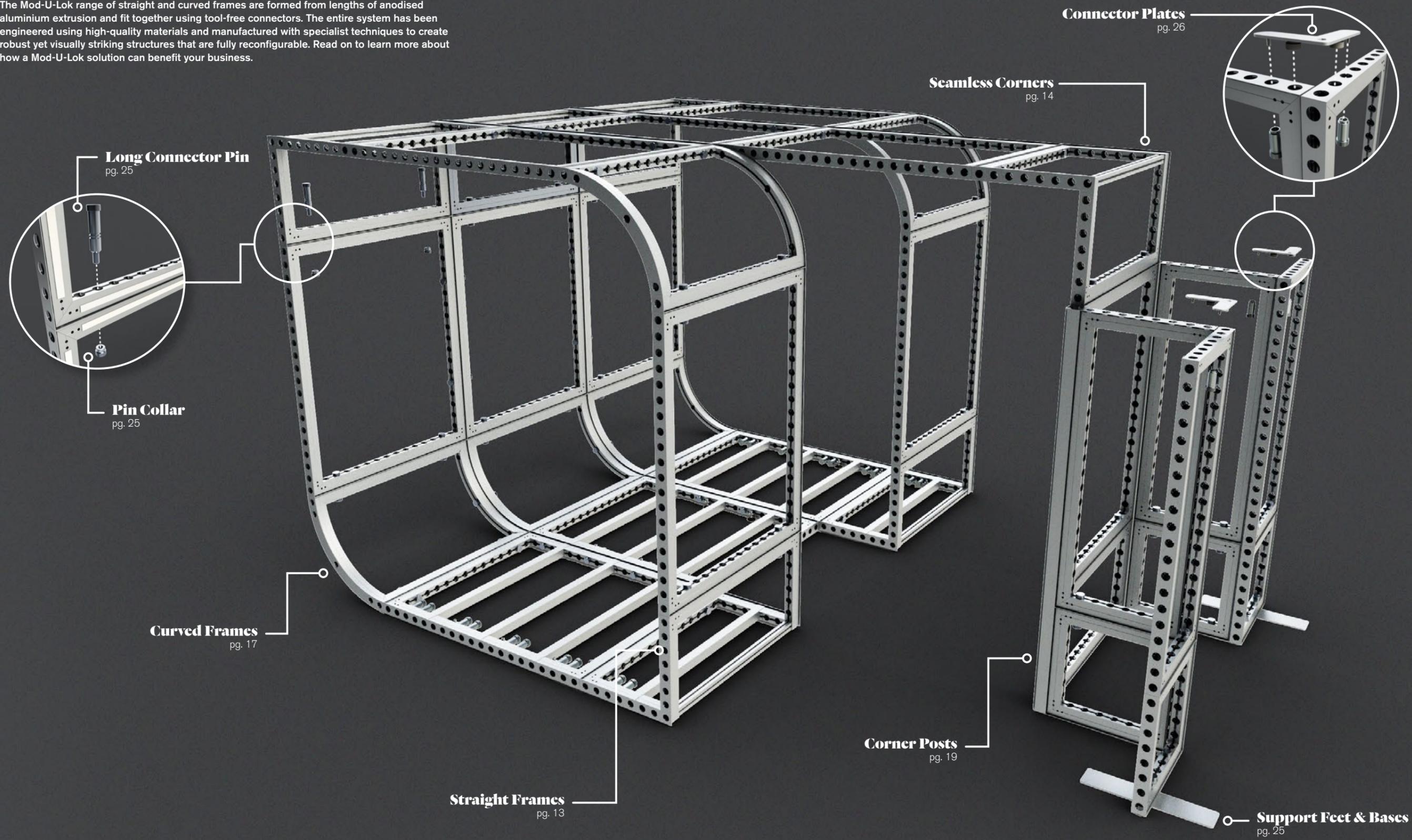
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Mod-U-Lok

The Mod-U-Lok range of straight and curved frames are formed from lengths of anodised aluminium extrusion and fit together using tool-free connectors. The entire system has been engineered using high-quality materials and manufactured with specialist techniques to create robust yet visually striking structures that are fully reconfigurable. Read on to learn more about how a Mod-U-Lok solution can benefit your business.



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Welcome to Mod-U-Lok Temporary Structure System

Now, more than ever before, the world is changing. Rules are being rewritten, values are being realigned and businesses of all shapes and sizes are reinventing themselves accordingly. Traditional paradigms have shifted irreversibly and resources such as space, time, people, capital and opportunity suddenly present a spectrum of new and unfamiliar challenges.

Mod-U-Lok has been engineered in direct response to these obstacles. It reimagines tried and tested technologies in order to make it possible for businesses to access reconfigurable, extendible and flexible structures that are both straightforward to specify and simple to install.

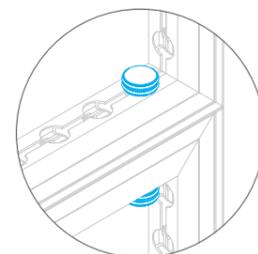
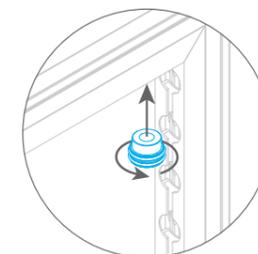
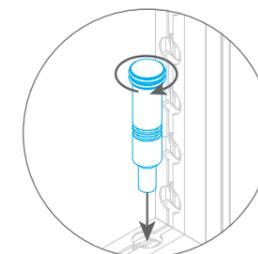
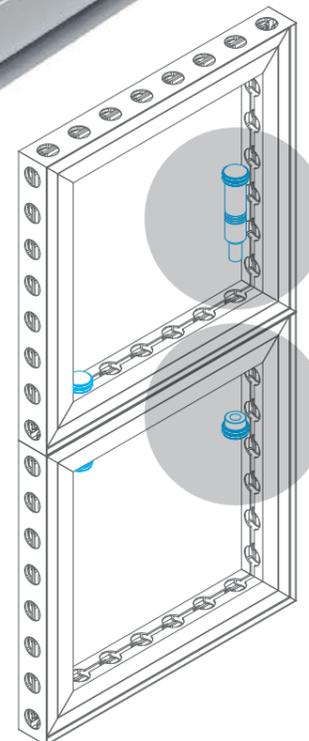
An ever-growing range of curved and rectilinear frames, Mod-U-Lok components can be connected together without the need for complex tools or specialist training. The result? The creation of an infinite array of spaces and structures that work for you.

Mod-U-Lok represents Unibox's commitment to affordability, quality, ingenuity and sustainability. It achieves this simply by making it possible for our clients and partners to make future-oriented investments that uphold their values, protect their reputations and, ultimately, make the world in which they operate better for everyone.

Designed and manufactured in the UK using fully-recyclable aluminium profiles – themselves formed from 50% recycled materials – Mod-U-Lok is ready to stand alongside your business and enable it to thrive in the face of adversity...time and time (and time) again.

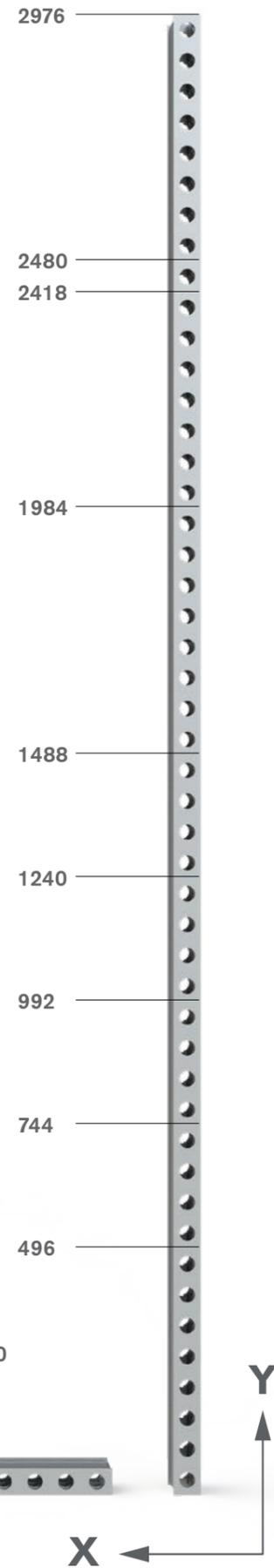
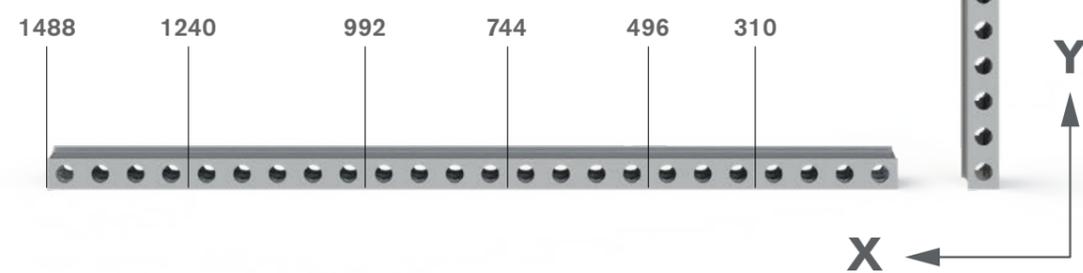
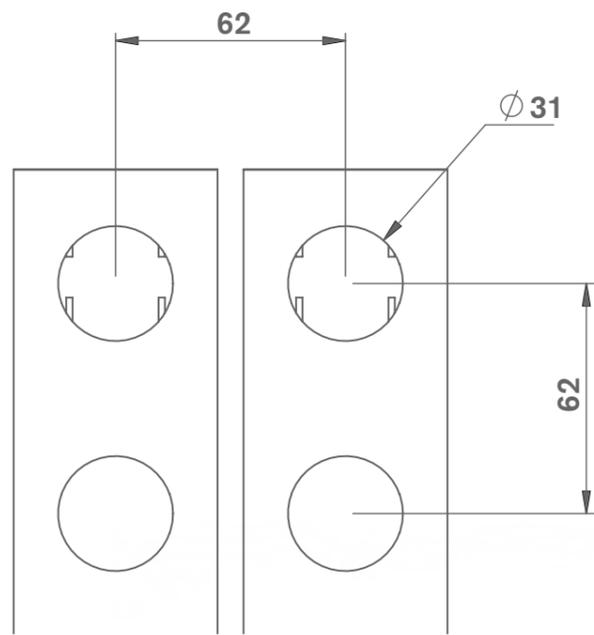
Frame Connections

Mod-U-Lok frames are connected together using components developed in-house by our team of design experts. Formed using precision engineering and built out of ultra-durable yet recyclable materials, our tool-free connectors link frames together in series and parallel with one another via CNC-machined holes measuring 62mm from centre to centre. Although the design process was complex and considered, Mod-U-Lok connectors are straightforward to use without the need for any specialist training.



62 mm Connection Grid

Mod-U-Lok is a celebration of simplicity and flexibility. It has been designed and engineered to operate according to a special configuration of CNC-machined holes, all equal in both diameter and depth. Between the centre of one hole and the next there is a distance of 62mm to allow frames, posts, doors, brackets and accessories to be connected together. When in series, these holes run in horizontally and vertically in columns and rows to form a matrix which is referred to as the 62mm connection grid.



Frame Assembly

To extend the flexibility of Mod-U-Lok even further, each aluminium profile, connector and accessory has been engineered so that structures can be disassembled and reassembled using nothing more than an Allen key. This unique feature enables you to transport frames easily from one event to another and store them for use in the future making Mod-U-Lok the cost-effective, environmentally-friendly solution, practical solution for applications of all types.



Straight Frames



Straight Frames



Frames measuring 55mm deep are available in a wide range of modular sizes using the 62mm connection grid. Utilising specially-engineered Unibox corner connectors, 55mm frames can be supplied pre-assembled for speed and simplicity or in knock down format for easier transportation and storage. With both options, the retrospective dismantling of structures is effortless which allows them to be moved between different locations and functions without issue.

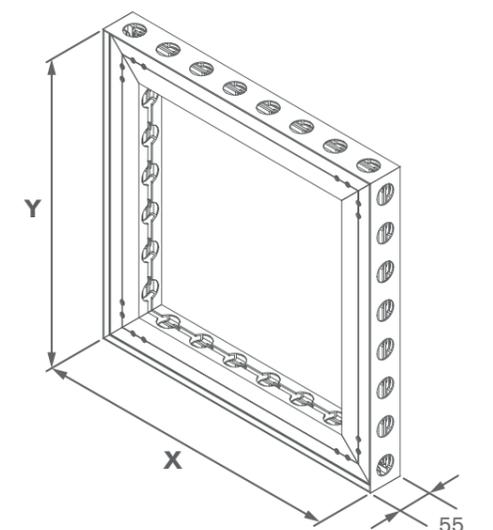
Standard Sizes:

Min Width X: 310 mm
Max Width X: 1488 mm

Standard Sizes:

Min Height Y: 496 mm
Max Height Y: 2976 mm

For more detailed information, please see our technical guide.
Custom sizes available on request.



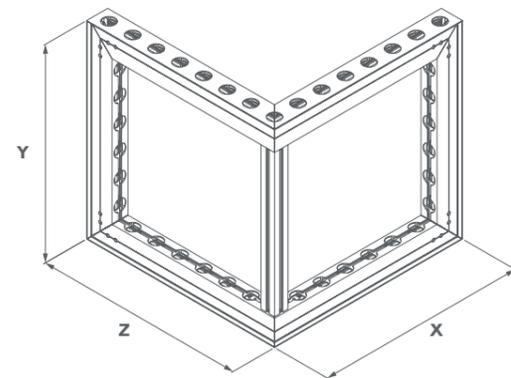
Seamless Corner

Seamless corner frames are fully compatible with the entire range of Mod-U-Lok frames. They make it possible to achieve elegant, clean lines in structures of all shapes and sizes, on both internal and external faces.

Standard Sizes:

Min Width X&Z: 244.5 mm Min Height Y: 496 mm
 Max Width X&Z: 492.5 mm Max Height Y: 2976 mm

For more detailed information, please see our technical guide.
 Custom sizes available on request.



Seamless Corner 'U'

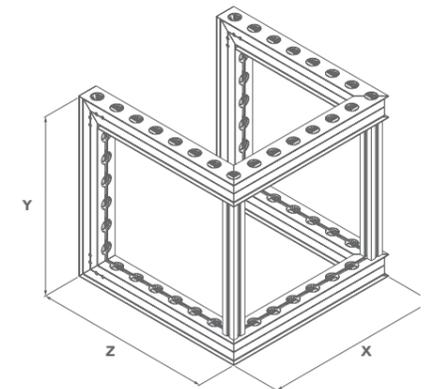
Seamless corner 'U' frames are fully compatible with the entire range of Mod-U-Lok frames. They make it possible to create sleek columns and tower-shaped structures of all shapes and sizes, both on internal and external faces.

Standard Sizes:

Min Depth Z: 244.5 mm Min Height Y: 496 mm
 Max Depth Z: 492.5 mm Max Height Y: 2976 mm

X Width : 489 mm

For more detailed information, please see our technical guide.
 Custom sizes available on request.



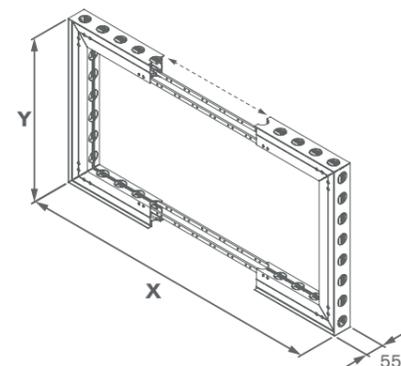
Adjustable Frames

Mod-U-Lok structures can also be built using adjustable frames. These complement the core range of straight and curved frames to offer you an even greater amount of flexibility when it comes to specifying custom dimensions. Thanks to careful engineering, frames can be adjusted by up to 372mm in 62mm increments using nothing but an Allen key.

Standard Sizes:

Min Width X: 558 mm Min Height Y: 496 mm
 Max Width X: 930 mm Max Height Y: 2976 mm

For more detailed information, please see our technical guide.
 Custom sizes available on request.



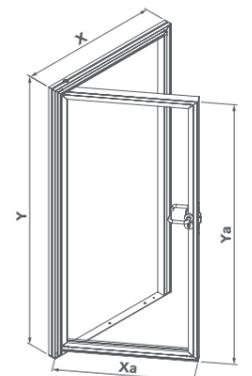
Doors

Mod-U-Lok doors and door frames are available in standard and custom sizes to suit your specific requirements. Each door is supplied with pivot hinges and locking mechanisms, all of which are located neatly within CNC-machined holes to preserve the overall aesthetic of your structure. Door frames can be connected to both straight and curved frames by using the Short Connecting Pin and T-Bolt (see page 25).

Standard Sizes:

Min Width X: 992 mm Min Height Y: 1984 mm
 Max Width X: 1240 mm Max Height Y: 2418 mm

For more detailed information, please see our technical guide.
 Custom sizes available on request.



Curved Frames

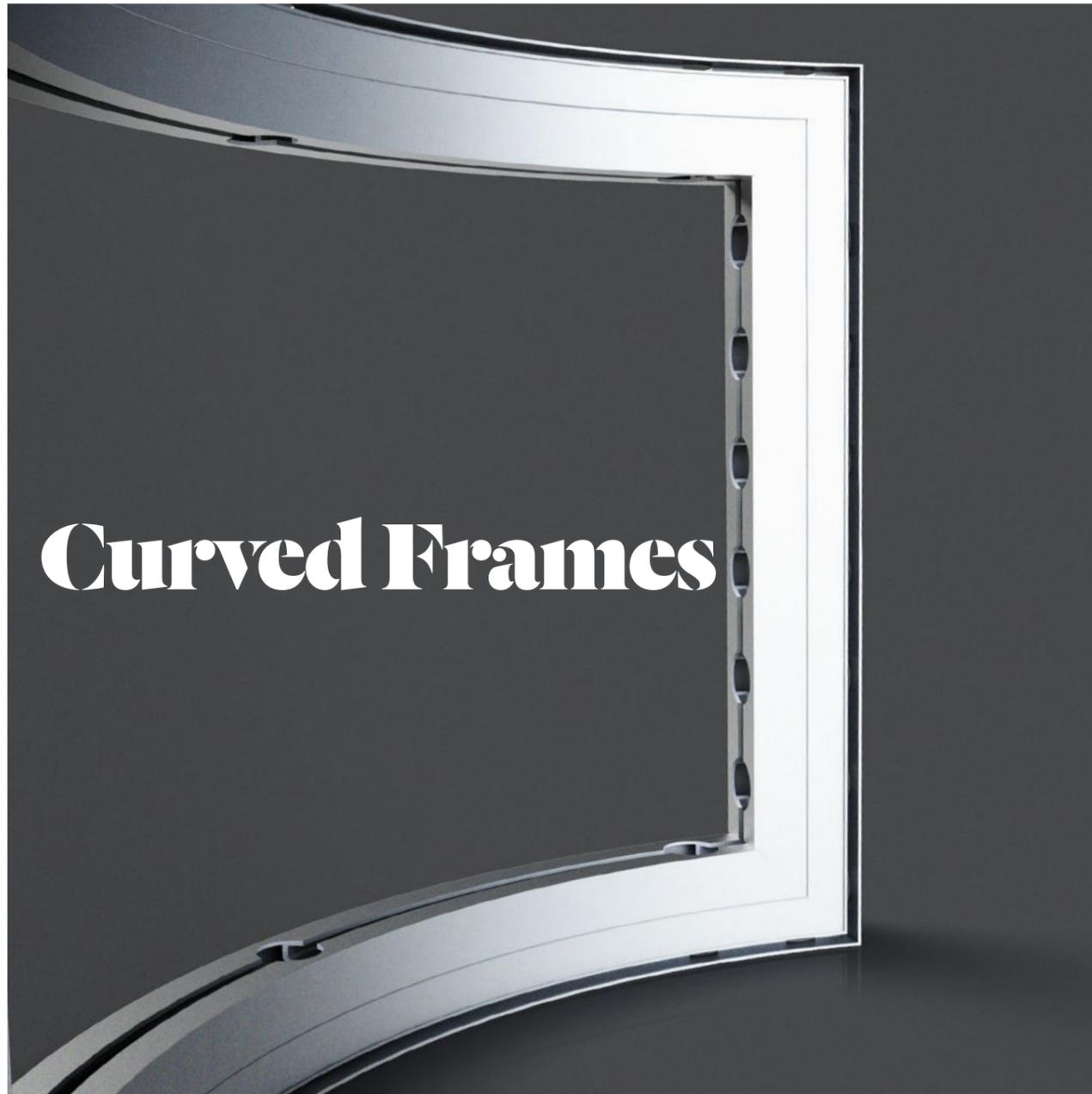
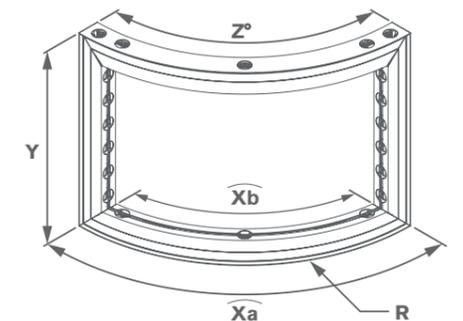
Curved Mod-U-Lok frames are compatible with the full range of frames and are available in both quadrant (90°), octant (45°) and hexadecagon (22.5°) formats. Curved frames accept pre-curved and flexible panels and fabrics and can be supplied with specially-designed support membranes to prevent tension fabrics from distorting when stretched into position.

Standard Sizes:

Min Height Y: 496 mm	Available Radius's:
Max Height Y: 2976 mm	492.5 mm / 90°
	988.5 mm / 45°
	1484.5 mm / 45°
	2972.5 mm / 22.5°

For more detailed information, please see our technical guide.

Custom sizes available on request.



Curved Frames

Curved Frames (Capped)

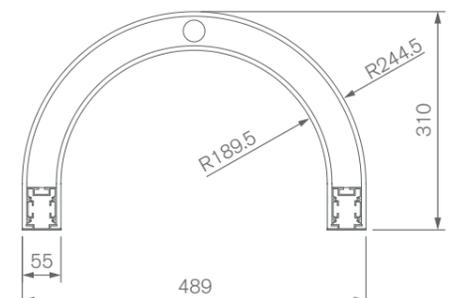
For structures with especially acute corners and small radii, capped frames offer the best solution. Consisting of triple-layered plates, these frames with laser-cut ends ensure that issues such as warping and distortion do not arise when aluminium profiles are curved to tight radii to achieve certain shapes. As with standard Mod-U-Lok curved frames, they are available with fabric support membranes.

Standard Sizes:

Min Height Y: 496 mm	Available Radius's:
Max Height Y: 2976 mm	489 mm / 90°
	489 mm / 180°

For more detailed information, please see our technical guide.

Custom sizes available on request.





Corner Posts

Four-Way Post



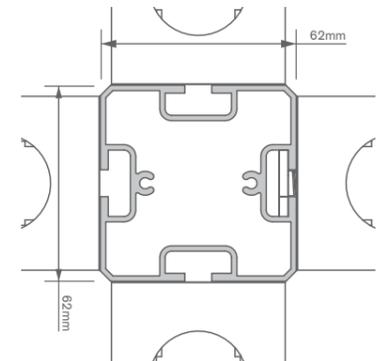
Mod-U-Lok Four-Way Posts can be used to connect both straight and curved frames together to create structures suited to your specific requirements and applications. They can be precision-cut according to custom dimensions and do not compromise the system's 62mm connection grid. By using Short Connecting Pins and T-Bolts, Four-Way posts are designed to offer additional flexibility.

Standard Sizes:

Min Height Y: 496 mm
Max Height Y: 2976 mm

Available in lengths up to 5200 mm

For more detailed information, please see our technical guide.
Custom sizes available on request.



Two-Way TFS Post



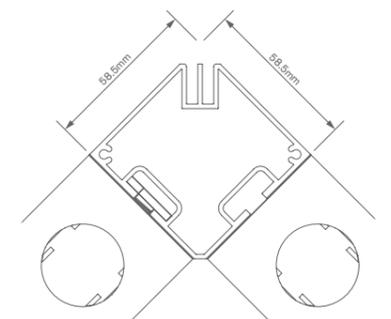
Mod-U-Lok Two-Way TFS posts are an alternative way of connecting both straight and curved frames together to create structures suited to your specific requirements and applications. They are fixed onto frames using Short Connecting Pins and T-Bolts and allow tension fabric graphics to meet seamlessly at 90° corners without disrupting the organisation of the 62mm connection grid.

Standard Sizes:

Min Height Y: 496 mm
Max Height Y: 2976 mm

Available in lengths up to 5200 mm

For more detailed information, please see our technical guide.
Custom sizes available on request.

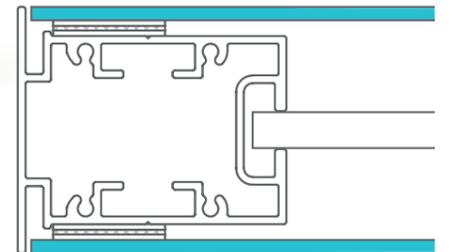


Finishing Panel



Mod-U-Lok structures can be embellished using finishing panels to meet your individual aesthetic requirements. Both straight and curved frames are engineered to accept panels formed from a variety of different materials including aluminium composite and foamed PVC that are up to 3mm thick so that they sit perfectly flush. Frames are all supplied with self-adhesive 'hook and loop' tape to make the assembly process as straightforward as possible. Thanks to the design of the channels in Mod-U-Lok frames, finishing panels are an easy way in which to achieve a sleek, virtually seam-free finish to structures of all shapes and sizes.

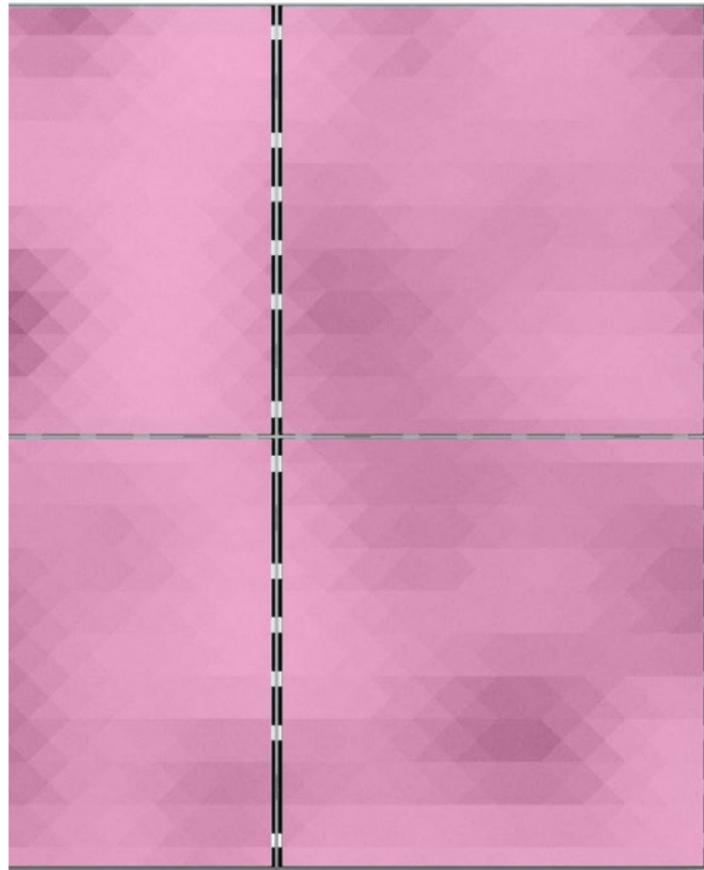
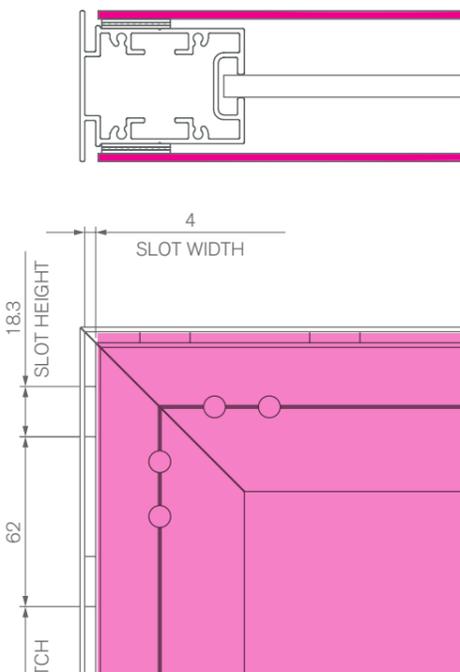
Panel A
Edge-to-Edge graphic panels.
Single frame coverage.



Finishing B-Panel

Finishing B-Panel offers all of the same creative freedom and flexibility as standard finishing panels, being compatible with the entire range of Mod-U-Lok frames and available in a variety of different materials. Unlike standard panels, though, finishing B-panels are designed to leave the CNC-machined slots at each end of the aluminium profile exposed. This allows you to securely attach accessories such as shelves, clothes rails and brackets onto your structure without compromising custom graphic panels and lessening their visual impact.

Panel B
Graphic panels that allow access to slotted channel at edges of frames.
Single frame coverage.

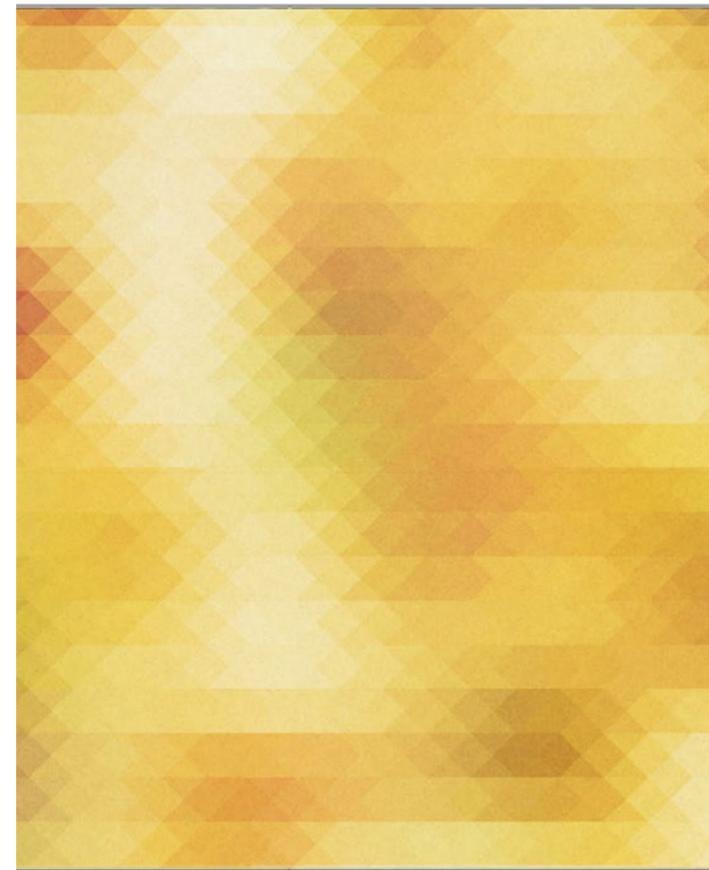
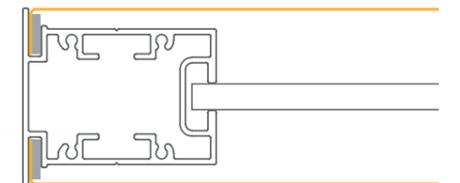


Tension Fabrics

Mod-U-Lok frames are manufactured using aluminium profiles that are designed and engineered by Unibox in-house. The unique shape of the channels in the profiles means high-quality tension fabric graphics can be inserted into frames with speed and ease. Custom fabrics can be cut according to the size of your Mod-U-Lok structure to create seamless displays of any size.

Tension fabrics can be produced in sections so that a single graphic spans multiple Mod-U-Lok frames without showing joined edges or seams. This allows you to incorporate impressively large graphic areas on internal and external faces of your stand.

Tension Fabrics
Edge-to-Edge graphic panels.
Multiple frame coverage.



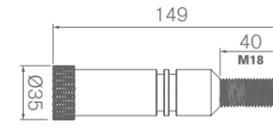


Pin Connectors

Long Connector Pin
Part Code: ML1ALCP



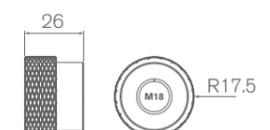
Long connector pin for frame-to-frame connections.
(To be used in conjunction with ML1AM18C).



M18 Collar
Part Code: ML1AM18C



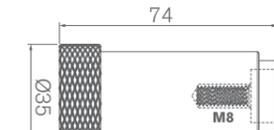
Connector collar for frame-to-frame connections.
(To be used in conjunction with ML1ALCP).



Short Connecting Pin
Part Code: ML1ASCP



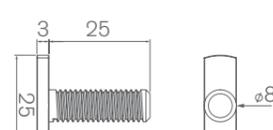
Short pin connector for various connector plates and T-Bolt.
(To be used in conjunction with ML1ATB, Foot Plates, Frame Connectors and Ceiling Brackets).



T-Bolt
Part Code: ML1ATB



T-Bolt used for post profile frame connections.
(To be used in conjunction with ML1ASCP).

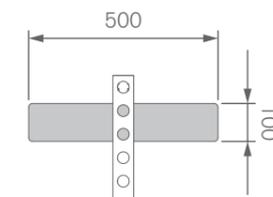


Foot Plates

Double Side Foot Plate
Part Code: ML1ADSF



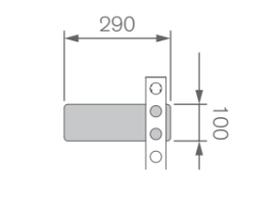
Double sided 10mm steel foot for stability.



Single Side Foot Plate
Part Code: ML1ASSFP



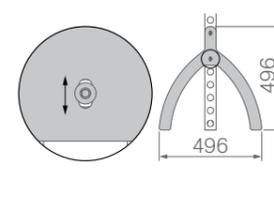
Single sided 10mm steel foot for stability.



Side Mount Foot Plate
Part Code: ML1ASMFP



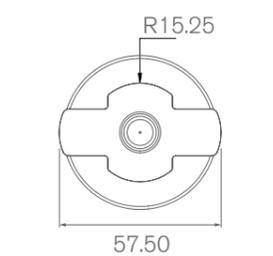
Side mount steel support foot. Slot fixing holes for vertical movement. This allows for connector plates and other foot options.



Adjustable Foot
Part Code: ML1AAF



Foot with vertical adjustment for levelling frames on uneven surfaces.

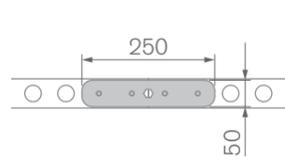


Frame Connectors

One-Way Connector
Part Code: ML1A1WC



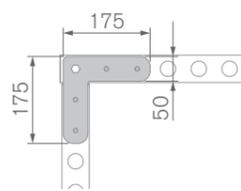
Frame-to-frame connector for straight in-line connections. Installed top and bottom of frame.



Two-Way Connector
Part Code: ML1A2WC



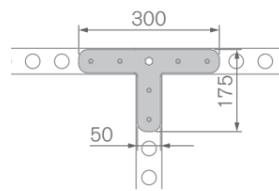
Frame-to-frame connector for 90° connections. Installed top and bottom of frame.



Three-Way Connector
Part Code: ML1A3WC



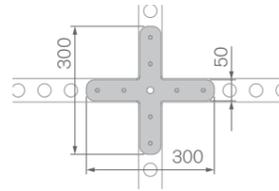
Frame-to-frame connector for 3 way connections. Installed top and bottom of frame.



Four-Way Connector
Part Code: ML1A4WC



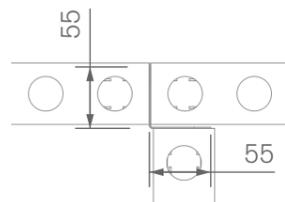
Frame-to-frame connector for 4 way connections. Installed top and bottom of frame.



Single T Connector
Part Code: ML1ASTC



Frame-to-frame connector for 2 way connections. Installed between frames for 90° frame turn.

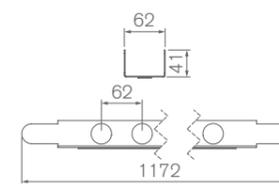


Fixing & Support

Ceiling Panel Support
Part Code: ML1ACPS



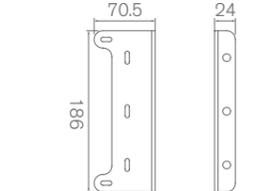
The ideal ceiling reinforcement. Hook tape is pre-mounted.



Patress Mounting Bracket
Part Code: ML1APMB



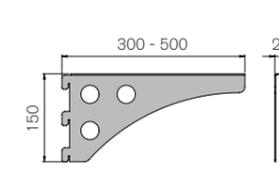
The versatile bracket to support patresses with pre-positioned fixing holes.



Shelf Brackets
Part Code: ML1ASB



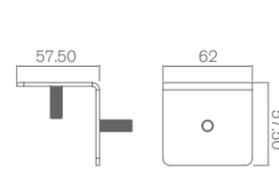
The hook-in bracket to create adjustable shelving. Available in 300, 400 & 500mm depths. Supplied in pairs.



Ceiling Bracket
Part Code: ML1ACB



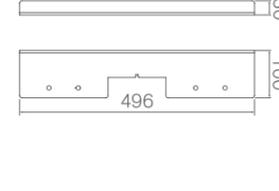
This bracket makes it easy to connect butt-jointed frames together at seamless 90° angles.



Ceiling Support Bracket
Part Code: ML1ACSB



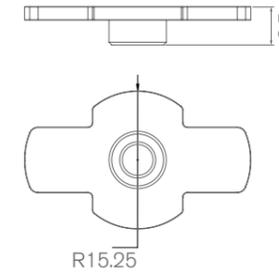
This provides essential structural reinforcement for Mod-U-Lok structures with ceilings by preventing aluminium profiles from sagging when suspended horizontally.



Adjustable Bracket
Part Code: ML1AAB



A small bracket that locates to provide a threaded fixing point for multi-use purposes.



Hook & Loop Fastening Tape
Part Code: ML1AHLFT



This self-adhesive fixing tape is an excellent alternative to screws, nails and glue. It uses hooked tape that locks into corresponding looped tape to create adjustable yet ultra-secure connections.

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