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**SPECS &
INFORMATION**

TruDesign Base Fastening Systems



The TruDesign unique Fastener systems allow strong surface bonding without compromising the integrity of the hull, gel coat or bulkhead structures.

The unique dovetail jointed base allows for large holding loads relative to size.

Manufactured from composite glass-reinforced Nylon 6 (PA6) they are strong, light weight and enable cost reduction during the construction process.

Key Features

- Multiple Dove tail joints for strong adhesive bonding to aluminium, steel, wood or GRP Bulkheads
- Dual mounting options – Adhesive or screws.
- Manufactured from a glass-reinforced Nylon composite – High strength, tough and light weight.
- Immune to corrosion and electrolysis – No corrosion or breakages, increased safety
- Electrically non-conductive. No electrical bonding.
- Suitable for use on all hull types – aluminium, steel, wood or GRP.
- Large operating range – Suitable for all marine conditions from -40°C to +110°C.
- U.V resistant – No degradation from the sun's ultraviolet rays.

Saddle Base / Cable Tie Base



Key Features

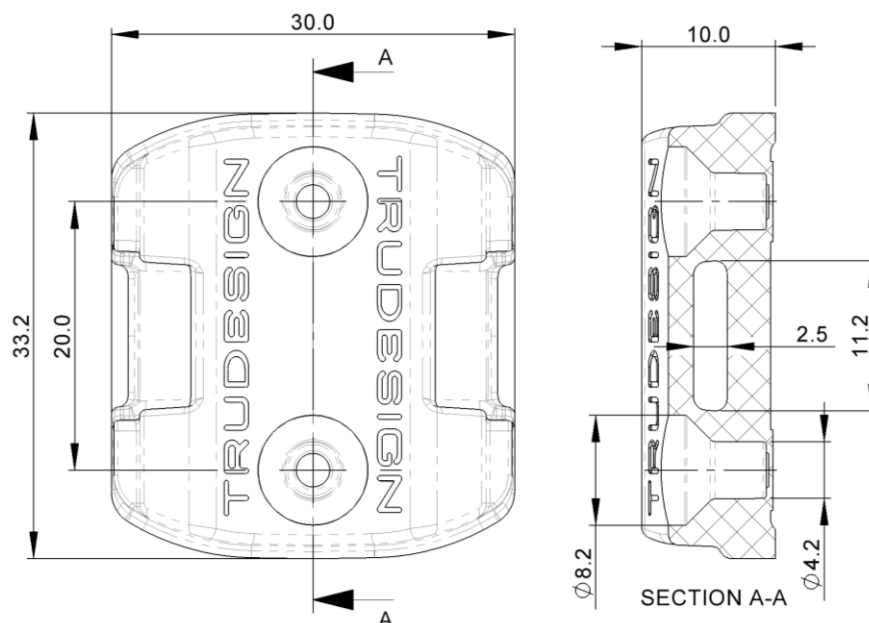
- Large cable tie slot for holding multiple cables and hoses
- Rated breaking strength of saddle – 150Kg
- Accessory range of clips for mounting hoses and pipes, simply clips onto base. Saddle clips manufactured from U.V stabilised Acetal copolymer (POM).

Saddle Clip Recommended Hose Dimensions

Clip Sizes	Minimum OD Hose	Maximum OD Hose
13mm (½")	13.0mm (0.51")	16.0mm (0.63")
20mm (13/16")	20.0mm (0.79")	27.0mm (1.06")
28mm (1 1/8")	28mm (1.10")	37.0mm (1.46")
38mm (1 1/2")	38.0mm (1.50")	50.0mm (1.97")



Saddle Base Dimensions



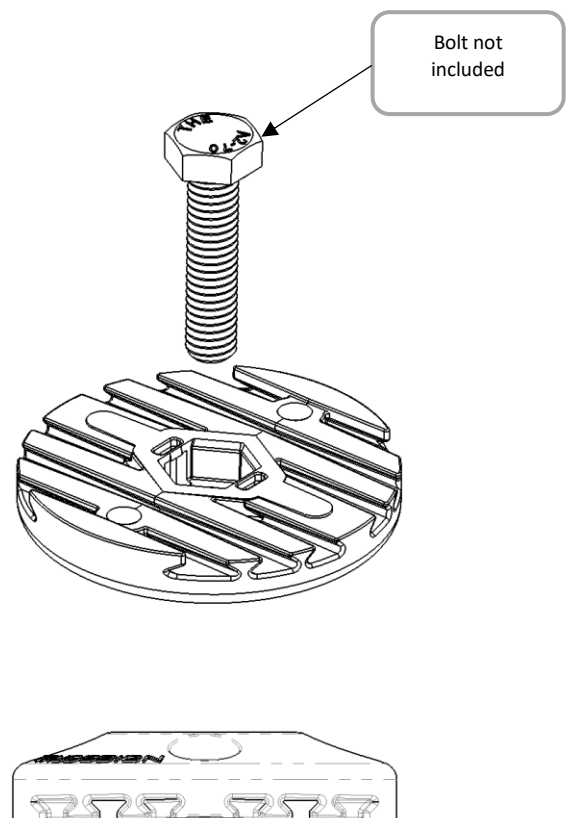
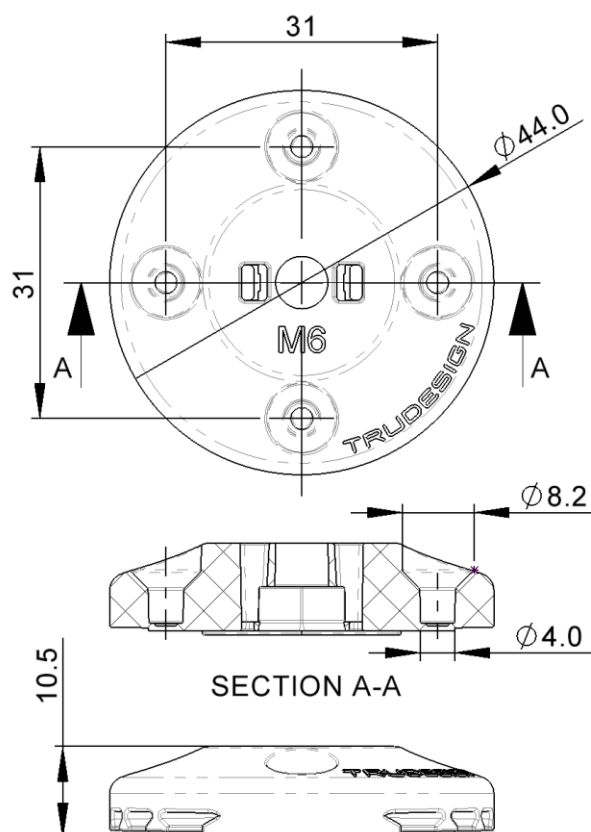
Bolt Base (M6 and M8)



Key Features

- M6 and M8 bolt bases allow easy bolt fastening of cable trays, control boxes, and other equipment to GRP hulls bulk heads and ceiling structures.
- Rated breaking strain (straight pull) of base on GRP surface using Methacrylate Glue – 150kg
- Rated breaking strain (side pull) of base only, on GRP surface using Methacrylate Glue – 75kg. Note measured 35mm to 40mm inboard of fitting.
- Compatible with DIN 931 Hex Head Bolts (Bolt not included)
- Clip feature to retain bolt during installation

Bolt Base Dimensions



Part Numbers

Saddle Base and Clips			
	Part Number	Barcode 942100712 + xxxx	Description
	90982		Saddle Base
	91070	0068	Saddle Base PKG X 10
	90983		Saddle Clip 13mm
	91071	4437	Saddle Clip 13mm PKG X 5
	90984		Saddle Clip 20mm
	91072	4444	Saddle Clip 20mm PKG X 5
	90985		Saddle Clip 28mm
	91073	4451	Saddle Clip 28mm PKG X 5
	90986		Saddle Clip 38mm
	91074	4468	Saddle Clip 38mm PKG X 5
Bolt Base			
	Part Number	Barcode 942100712 + xxxx	Description
	91396		Bolt Base M6
	91413	5519	Bolt Base M6 PKG X 10
	91397		Bolt Base M8
	91414	5526	Bolt Base M8 PKG X 10

*PKG product is supplied in branded bags

Structural Adhesives

- Methyl Methacrylate Adhesives, or MMAs, are structural adhesives that have been developed to bond metal, plastics, and composites. They are designed for 15-to-40-minute working time and no sagging. They can hold typical loads of 20 Mpa or 203 Kg/ cm². Some examples of MMA's being used with our bases are
 - Plexus® MA300
 - SciGrip® SG100.

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