TRUDESIGN

PRODUCT INFORMATION

Tails - Long Thread 120°

Designed and made in New Zealand, TRUDESIGN Tail Long Thread 120° fittings are the superior composite connection for fitting hoses to threaded fittings.

Available in five sizes;

TRUDESIGN Tail Long Thread 120°s are moulded from a glass-reinforced nylon composite. High strength, high-modulus glass fibres within the material provide dramatic strength, stiffness, toughness, and dimensional stability.

TRUDESIGN fittings eliminate the corrosion and electrical bonding problems associated with metallic fittings. Tail fittings are designed for twin hose clamps and to never crush.

Key Features:

Feature:	
Immune to corrosion and electrolysis	Long-life with no concerns over decreased performance due to corrosion. No bonding required
Chemical resistant	Unaffected by diesel, petrol and chemicals
UV resistant	Will not degrade or discolour with ultraviolet light from the sun
High quality surface finish	Will not discolour with green film as similar bronze fittings do
BSPP (Parallel) threads	Compatible with TRUDESIGN Ball Valves, threaded fittings, and other marine components. Allows 0-360° orientations with mating parts.
Large operating temperature range	Suitable for all marine environments, from -20°C to +100°C

GENERAL Marine SERVICES

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Specifications:

Threads on the Tail Long Thread 120°s are BSPP (British Standard Pipe Parallel). TRUDESIGN parallel threads are designed so that sealant or PTFE thread tape is applied to the male thread, and then the fitting screwed into place. A main advantage of parallel versus tapered threads is that there is far greater engagement between two mating parallel threads which in turn provides greater strength and watertight sealing ability. Since sealing is achieved through use of an adhesive sealant or thread tape, fittings can be positioned anywhere around 360°, unlike tapered fittings that need to be fully tightened in order to seal.
Do not use with tapered thread valves or fittings – Mixing parallel and tapered threads can cause strength and sealing problems as the thread engagement is often only a few turns.

Technical Information:

Tail Size	Thread Size	Minimum I.D	Thread Length	Weight
25 mm	1"	Ø 19 mm	30 mm	45 grams / 1.59 oz
32 mm	1¼"	Ø 24 mm	30 mm	65 grams / 2.29 oz
38 mm	1¼"	Ø 30 mm	30 mm	75 grams / 2.65 oz
38 mm	1½"	Ø 30 mm	30 mm	80 grams / 2.82 oz
50 mm	2"	Ø 42 mm	30 mm	130 grams / 4.59 oz

Installation:

1.) Ensure the fitting that the Tail Long Thread 120° is attaching into has a clean and undamaged thread.
2.) Apply a small amount of a suitable marine grade thread sealant such as SIKAFLEX® 291i or 3M™ Fast Cure 5200 to the thread (see manufacturer's notes), or, wind several turns of PTFE thread sealing tape onto the thread (clockwise when viewed from the bottom of the thread).
3.) Wind the Tail Long Thread 120° into the other fitting being mindful not to cross-thread the two. Lightly tighten the Tail fully home by hand crescent or open-ended spanner. Note: When using adhesive type thread sealant, engage as much of the thread as possible, then position the tail orientation to obtain tidy routing and positioning of hoses.
4.) Fit the hose after using hot water to soften.
5.) Apply twin hose clamps for a secure connection.

Note: There is no need to bond TRUDESIGN fittings electrically together as there is no corrosion or electrolysis problems that are often experienced with bronze, stainless steel, and other metallic fittings.

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Servicing:

As composite TRUDESIGN fittings are immune to corrosion, minimal servicing is required.
Fittings should be checked for secure attachment into other parts at regular intervals. Hose clamps should also be checked regularly.
If fittings are removed, new sealant should be applied or the old thread sealing tape should be removed and replaced.

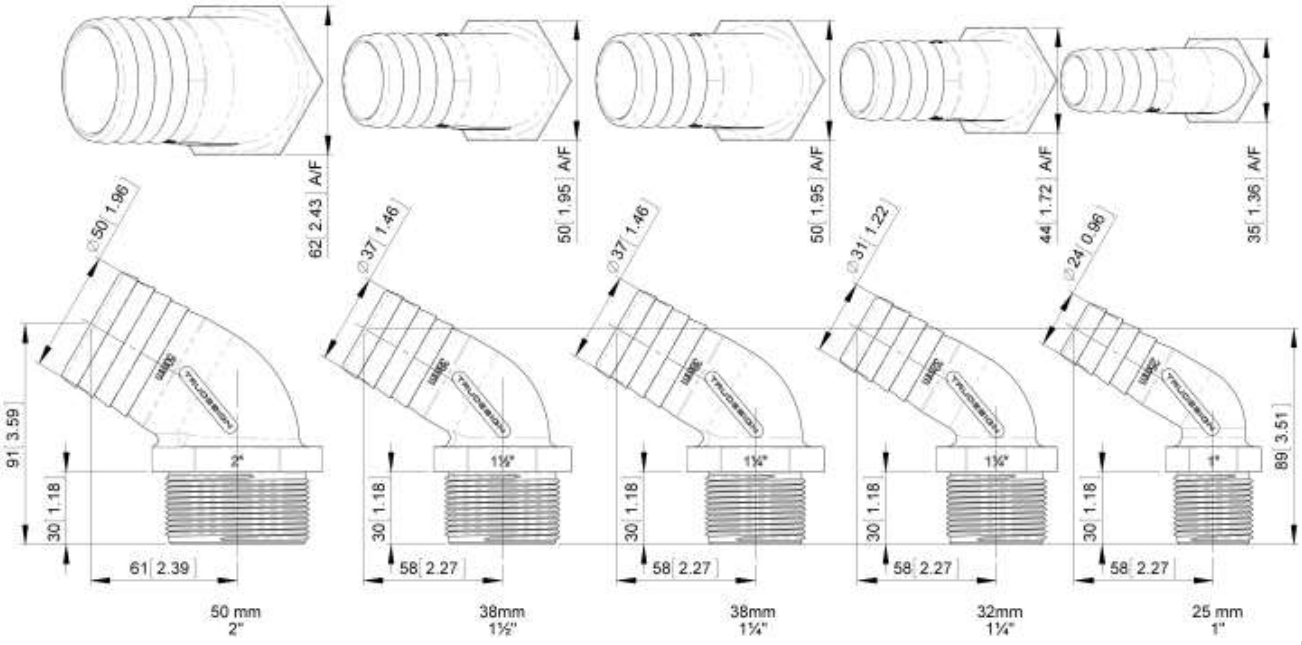
Part Numbers:

Model / Size	Part Number	Part Number
Tail 25mm 1" BSP Long Thread 120°	90531	90572
Tail 32mm 1¼" BSP Long Thread	90922	90923
Tail 38mm 1¼" BSP Long Thread	90938	90939
Tail 38mm 1½" BSP Long Thread	90532	90573
Tail 50mm 2" BSP Long Thread 120°	90533	90574

Note: 'PKG' denotes packaged item supplied in bag with header card. Some items only sold as packaged.

Dimensions:

Dimensions are in millimetres & [inches]
All dimensions nominal



LEADERS IN MARNE COMPOSITE FITTINGS

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