

CONNECTOR (Adapter) 90°- FEMALE to MALE THREAD -

Designed and made in New Zealand, TruDesign Connectors / Adapters are moulded from a glass reinforced nylon composite. High strength, high-modulus, glass reinforced nylon provides dramatic strength, stiffness, toughness, and dimensional stability.



For above water line only. ISO and ABYC require a TruDesign Ball Valve to be directly fitted to a skin fitting in below the water

Features

Feature :	
Manufactured from a glass reinforced nylon composite	High strength and light weight.
When connected to Skin Fitting	Must be above water line. Below water line skin fittings must have a Ball Valve directly fitted to it.
Compatible with all hull types	Can be used on aluminum, steel, wood or FRP hulls.
Immune to corrosion and electrolysis	Long life with no concerns over decreased performance due to corrosion.
Chemical resistant	Impervious to diesel, petrol and antifouling paints.
UV resistant	These fittings will not break down with ultraviolet light or discolour from the sun.
High quality surface finish	Will not discolour with green film as similar bronze fittings do.
Fits TruDesign Skin Fittings and Ball Valves	Universal compatibility to other TruDesign fittings, and other marine components.
Large operating temperature range	Suitable for all marine environments, from -40°C to +110°C.

Model

Part #	BSP Thread Description
90777	Connector ¾" BSP F ¾" M 90°
90778	Connector ¾" BSP F ¾" M 90° PKG
90779	Connector 1" BSP F 1" M 90°
90780	Connector 1" BSP F 1" M 90° PKG
90632	Connector 1¼" BSP F 1¼" M 90°
90638	Connector 1¼" BSP F 1¼" M 90° PKG
90630	Connector 1½" BSP F 1½" M 90°
90636	Connector 1½" BSP F 1½" M 90° PKG
90628	Connector 2" BSP F 2" M 90°
90634	Connector 2" BSP F 2" M 90° PKG

PKG product is supplied in TruDesign branded bags

Part #	NPS Thread Description
90825	Adapter ¾" NPS F ¾" M 90°
90826	Adapter ¾" NPS F ¾" M 90° PKG
90827	Adapter 1" NPS F 1" M 90°
90828	Adapter 1" NPS 1" M 90° PKG
90829	Adapter 1¼" NPS F 1¼" M 90°
90830	Adapter 1¼" NPS F 1¼" M 90° PKG
90831	Adapter 1½" NPS F 1½" M 90°
90832	Adapter 1½" NPS F 1½" M 90° PKG
90833	Adapter 2" NPS F 2" M 90°
90834	Adapter 2" NPS F 2" M 90° PKG

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Installation

For thread sealing see TruDesign Technical information sheet on our web site www.trudesignplastics.com - for suitable adhesive sealants and or thread tapes.

The connecting thread type are either BSP or NPS and clearly marked on the side of the fitting along with size. The advantage of parallel threads rather than tapered is that there can be maximum engagement between the mating threads providing a stronger connection. Do not over tighten, simply allow the adhesive sealant to provide the seal and orientation of the fitting.

Flow diameter and thread length

Female Thread	Thread Length	Male Thread	Thread Length	Minimum I.D.
¾"	30mm	¾"	30mm	12mm
1"	30mm	1"	30mm	18mm
1¼"	30mm	1¼"	30mm	24mm
1½"	30mm	1½"	30mm	30mm
2"	30mm	2"	30mm	42mm

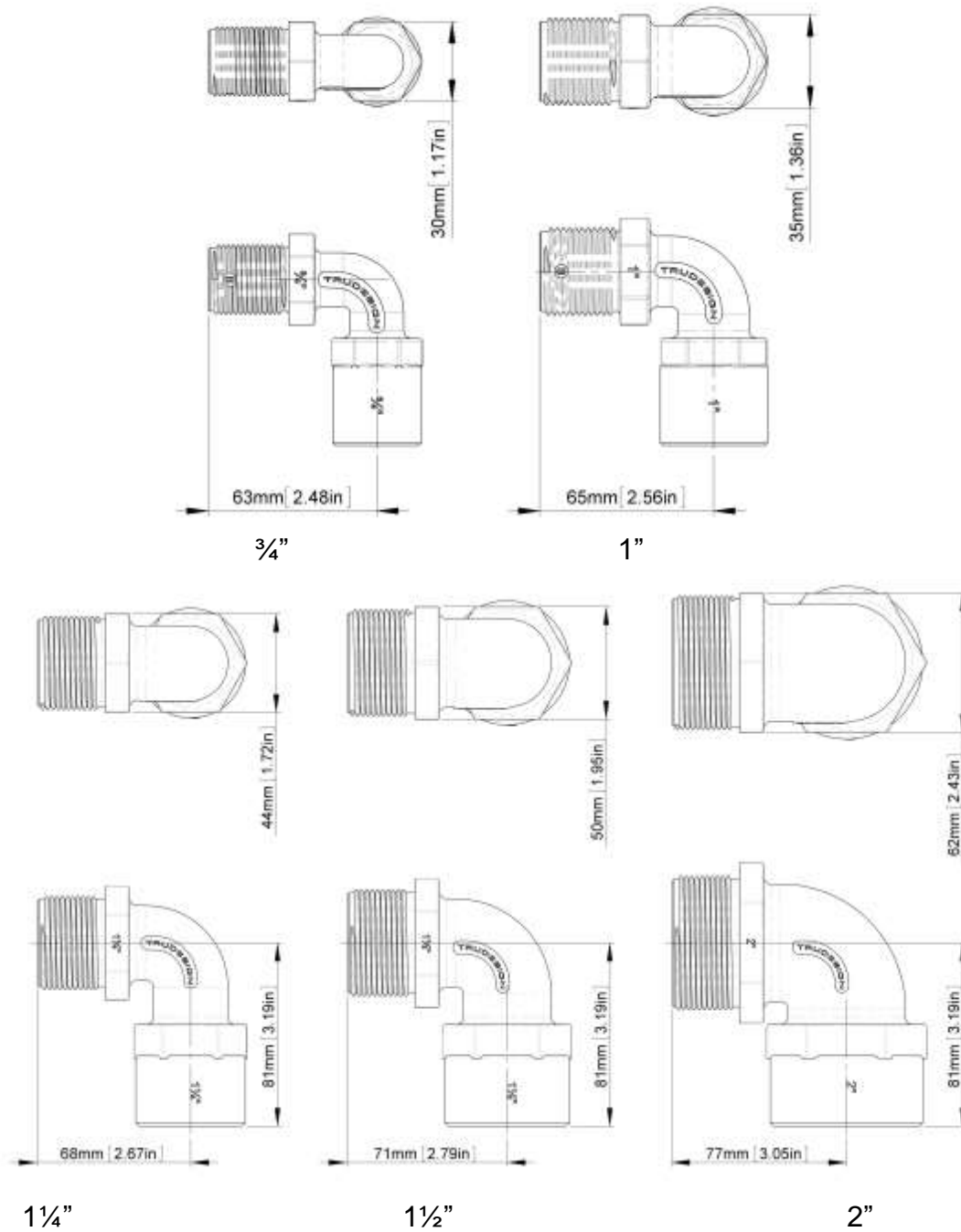
Weight

Size	Weight (g)	Weight (oz)
¾"	44	1.6
1"	63	2.2
1¼"	96	3.4
1½"	117	4.1
2"	163	5.7



Dimensions

All dimensions nominal.



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