

Tail Straight – Female Thread

TruDesign Female Thread Tails / Hose barb composite fittings are designed for connecting hoses to male threaded fittings



Note: For above the water line only when directly fitted to a Skin Fitting / Thru Hull.
For below water line situations - ISO & ABYC require a TruDesign Ball Valve to be fitted directly to the Skin Fittings / Thru Hull.

TruDesign Tails / Hose Barbs are moulded from a glass reinforced nylon composite. High strength, high-modulus, glass reinforced nylon provides dramatic strength, stiffness, toughness, and dimensional stability.

TruDesign Tails / Hose Barbs eliminate the corrosion and electrical bonding problems associated with metallic fittings. The Tails are designed for twin hose clamps, and to not crush under high load conditions.

Key Features:

- Manufactured from glass-reinforced nylon composite - High strength and light weight
- Immune to corrosion and electrolysis - no concerns over decreased performance due to corrosion
- Chemical resistant - Unaffected by diesel, petrol, or 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
- BSP and NPS (Parallel) threads - Universal compatibility to TruDesign threaded fittings.
- Large operating temperature range - Suitable for all marine environments, from -40°C to +110°C

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. Apply twin hose clamps for a secure hose connection and check tightness regularly.

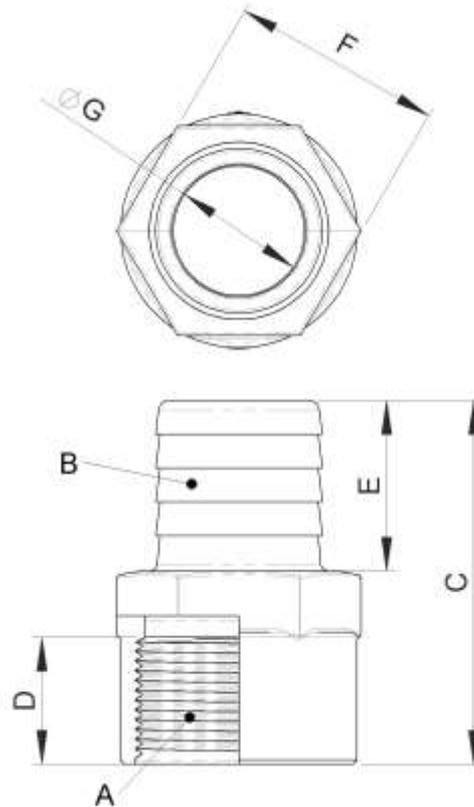
Part Numbers BSP

Part Number Black	Part Number White	TAILS STRAIGHT FEMALE THREADED
90953	90995	Tail 19mm ¾" BSP Female Thread
90964	90996	Tail 19mm ¾" BSP Female Thread PKG
90954	90997	Tail 25mm 1" BSP Female Thread
90965	90998	Tail 25mm 1" BSP Female Thread PKG
90955	90999	Tail 32mm 1¼" BSP Female Thread
90966	91000	Tail 32mm 1¼" BSP Female Thread PKG
90956	91001	Tail 38mm 1½" BSP Female Thread
90967	91002	Tail 38mm 1½" BSP Female Thread PKG
90957	91003	Tail 50mm 2" BSP Female Thread
90968	91004	Tail 50mm 2" BSP Female Thread PKG
90960	91005	Tail Unequal 22mm ¾" BSP Female Thread
90971	91006	Tail Unequal 22mm ¾" BSP Female Thread PKG
90961	91007	Tail Unequal 28mm 1" BSP Female Thread
90972	91008	Tail Unequal 28mm 1" BSP Female Thread PKG
90962	91009	Tail Unequal 38mm 1¼" BSP Female Thread
90973	91010	Tail Unequal 38mm 1¼" BSP Female Thread PKG
90959	90993	Tail Unequal 25mm 1½" BSP Female Thread
90970	90994	Tail Unequal 25mm 1½" BSP Female Thread PKG
90958	90991	Tail Unequal 38mm 1¾" BSP Female Thread
90969	90992	Tail Unequal 38mm 1¾" BSP Female Thread PKG

Part Numbers NPS

Part # Black	Part # White	HOSE BARB FEMALE THREADED
91250	91013	Hose Barb ¾" x ¾" NPS Female Thread
91251	91014	Hose Barb ¾" x ¾" NPS Female Thread PKG
91252	91015	Hose Barb 1" x 1" NPS Female Thread
91253	91016	Hose Barb 1" x 1" NPS Female Thread PKG
91254	91017	Hose Barb 1¼" x 1¼" NPS Female Thread
91259	91018	Hose Barb 1¼" x 1¼" NPS Female Thread PKG
91260	91019	Hose Barb 1½" x 1½" NPS Female Thread
91261	91020	Hose Barb 1½" x 1½" NPS Female Thread PKG
91262	91021	Hose Barb 2" x 2" NPS Female Thread
91263	91022	Hose Barb 2" x 2" NPS Female Thread PKG
91264	91025	Hose Barb Unequal ⅞" x ¾" NPS Female Thread
91265	91026	Hose Barb Unequal ⅞" x ¾" NPS Female Thread PKG
91180	91027	Hose Barb Unequal 1 ⅙" x 1" NPS Female Thread
91181	91028	Hose Barb Unequal 1 ⅙" x 1" NPS Female Thread PKG
91268	91029	Hose Barb Unequal 1½" x 1¼" NPS Female Thread
91269	91030	Hose Barb Unequal 1½" x 1¼" NPS Female Thread PKG
91266	91023	Hose Barb Unequal 1" x 1½" NPS Female Thread
91267	91024	Hose Barb Unequal 1" x 1½" NPS Female Thread PKG

Dimensions



A	B		C		D		E		F		G	
Thread Size	Tail Size		Overall Length		Thread Length		Tail Length		Hex Size AF		Minimum Internal \varnothing	
3/4"	19mm	3/4"	73mm	2 7/8"	30mm	1 1/6"	31mm	1 2/9"	30mm	1 1/6"	12mm	1/2"
1"	25mm	1"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	35mm	1 3/8"	19mm	3/4"
1 1/4"	32mm	1 1/4"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	44mm	1 3/4"	25mm	1"
1 1/2"	38mm	1 1/2"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	50mm	2"	30mm	1 1/6"
2"	50mm	2"	96mm	3 7/9"	30mm	1 1/6"	50mm	2"	62mm	2 4/9"	41mm	1 3/5"
3/4"	22mm	7/8"	73mm	2 7/8"	30mm	1 1/6"	31mm	1 2/9"	30mm	1 1/6"	15mm	3/5"
1"	28mm	1 1/8"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	35mm	1 3/8"	21mm	5/6"
1 1/4"	38mm	1 1/2"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	44mm	1 3/4"	30mm	1 1/6"
1 1/2"	25mm	1"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	50mm	2"	19mm	3/4"
1 3/4"	38mm	1 1/2"	86mm	3 2/5"	30mm	1 1/6"	40mm	1 4/7"	56mm	2 1/5"	30mm	1 1/6"

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