

## Hose Tails - BSP and NPS



TruDesign Tails are moulded from a glass reinforced nylon composite. High strength, high-modulus glass fibers impregnated into the nylon provides dramatic strength, stiffness, toughness, and dimensional stability. TruDesign Tails eliminate the corrosion and electrical bonding problems associated with metallic fittings. The Tails are designed for twin hose clamps, and do not crush under high load conditions.

### Models

Part #	BSP - Description
90246	Tail 13mm ½" BSP Long Male Thread
90557	Tail 13mm ½" BSP Long Male Thread PKG
90252	Tail 19mm ¾" BSP Long Male Thread
90558	Tail 19mm ¾" BSP Long Male Thread PKG
90263	Tail 25mm 1" BSP Long Male Thread
90559	Tail 25mm 1" BSP Long Male Thread PKG
90285	Tail 32mm 1¼" BSP Long Male Thread
90560	Tail 32mm 1¼" BSP Long Male Thread PKG
90231	Tail 38mm 1½" BSP Long Male Thread
90561	Tail 38mm 1½" BSP Long Male Thread PKG
90518	Tail 50mm 2" BSP Long Male Thread
90562	Tail 50mm 2" BSP Long Male Thread PKG
90875	Tail Unequal 16mm ½" BSP Long Male Thread
90876	Tail Unequal 16mm ½" BSP Long Male Thread PKG
90879	Tail Unequal 22mm ¾" BSP Long Male Thread
90880	Tail Unequal 22mm ¾" BSP Long Male Thread PKG
90640	Tail Unequal 28mm 1" BSP Long Male Thread
90641	Tail Unequal 28mm 1" BSP Long Male Thread PKG
90284	Tail Unequal 32mm 1½" BSP Long Male Thread
90563	Tail Unequal 32mm 1½" BSP Long Male Thread PKG
90530	Tail Unequal 38mm 1¼" BSP Long Male Thread
90564	Tail Unequal 38mm 1¼" BSP Long Male Thread PKG

Part #	NPS - Description
90726	Hose Barb ½" x ½" NPS Long Male Thread
90767	Hose Barb ½" x ½" NPS Long Male Thread PKG
90727	Hose Barb ¾" x ¾" NPS Long Male Thread
90768	Hose Barb ¾" x ¾" NPS Long Male Thread PKG
90728	Hose Barb 1" x 1" NPS Long Male Thread
90769	Hose Barb 1" x 1" NPS Long Male Thread PKG
90729	Hose Barb 1¼" x 1¼" NPS Long Male Thread
90770	Hose Barb 1¼" x 1¼" NPS Long Male Thread PKG
90730	Hose Barb 1½" x 1½" NPS Long Male Thread
90771	Hose Barb 1½" x 1½" NPS Long Male Thread PKG
90731	Hose Barb 2" x 2" NPS Long Male Thread
90772	Hose Barb 2" x 2" NPS Long Male Thread PKG
90887	Hose Barb Unequal ¾" x ½" NPS Long Male
90888	Hose Barb Unequal ¾" x ½" NPS Long Male
90889	Hose Barb Unequal ¾" x ¾" NPS Long Male
90890	Hose Barb Unequal ¾" x ¾" NPS Long Male
90881	Hose Barb Unequal 1½" x 1" NPS Long Male
90882	Hose Barb Unequal 1½" x 1" NPS Long Male
90883	Hose Barb Unequal 1¼" x 1½" NPS Long Male
90884	Hose Barb Unequal 1¼" x 1½" NPS Long Male
90885	Hose Barb Unequal 1½" x 1¼" NPS Long Male
90886	Hose Barb Unequal 1½" x 1¼" NPS Long Male

## Key Features

Feature :	
Manufactured from a glass reinforced nylon composite	High strength and light weight.
Immune to corrosion and electrolysis	No need to replace check integrity of fitting.
Chemical resistant	Impervious to diesel, petrol and antifouling paints.
UV resistant	Will not break down with ultraviolet light or discolour.
High quality surface finish	Will not discolour with green film as bronze fittings do.
Fits TruDesign Ball Valves BSP and NPS threads	Universal compatibility to other TruDesign 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](http://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.

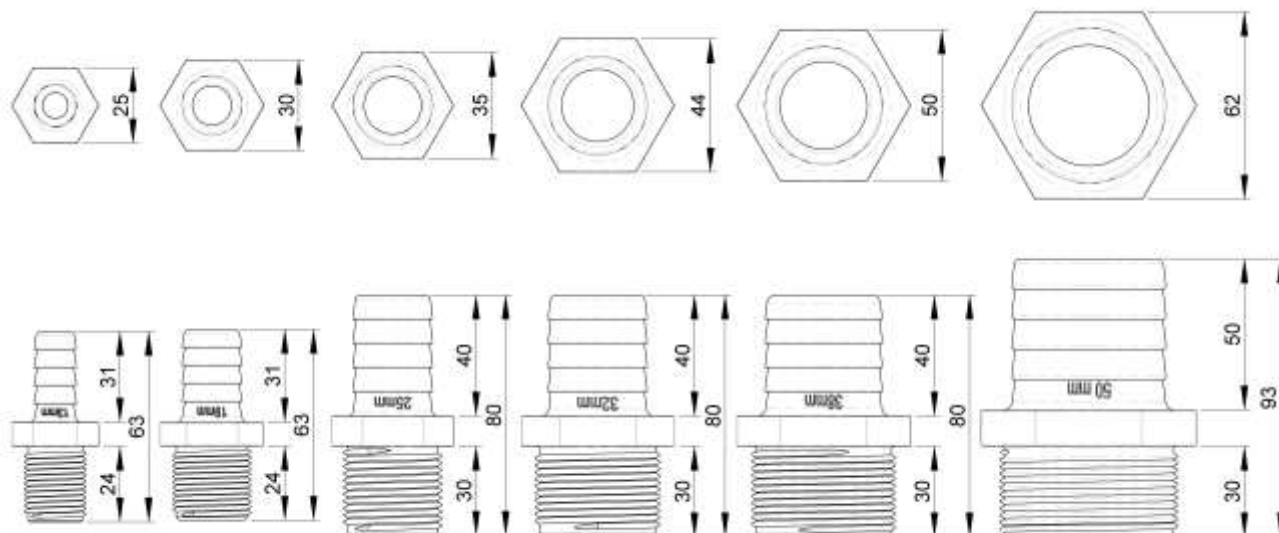
Apply twin hose clamps for a secure hose connection and check tightness regularly.

## Flow Diameter and Thread Length

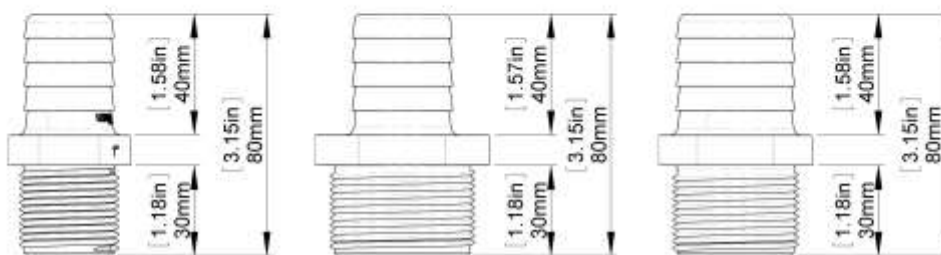
Size	Minimum I.D.	Thread Length
13mm (½" BSP)	9mm	24mm
19mm (¾" BSP)	13mm	24mm
25mm (1" BSP)	19mm	30mm
32mm (1¼" BSP)	24mm	30mm
38mm (1½" BSP)	29mm	30mm
50mm (2" BSP)	40mm	30mm

Unequal Tails		
28mm (1" BSP)	20mm	30mm
32mm (1¼" BSP)	24mm	30mm
38mm (1½" BSP)	29mm	30mm

**Dimensions** All dimensions in mm. All dimensions nominal.



13mm      19mm      25mm      32mm      38mm      50mm  
 1/2"      3/4"      1"      1 1/4"      1 1/2"      2"



28mm      32mm      38mm  
 1"      1 1/2"      1 1/4"

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