

SS HOSE KING NIPPLE

Hose Tail, Male Threaded · Stainless Steel

SKU: SW-0078

BRAND: SW FLOW CONTROLS

SIZE 1/4" TO 3"

HOSE TAIL



FIG. 1 | SS HOSE KING NIPPLE, SERRATED TAIL

PRODUCT OVERVIEW

The SWBM SS Hose King Nipple joins a flexible hose to a threaded pipe connection. The serrated tail enters the hose bore and is secured with a clamp, while the male taper thread screws into any female outlet on a pump, tank or pipeline.

Stainless steel resists salt water, cleaning chemicals and marine atmospheres, which makes this the preferred tail for washdown, food service, dosing and coastal installations.

Fitting type	Hose tail nipple
Function	Connects a hose to a male threaded outlet
Material	Stainless steel
End connection	One serrated hose tail, one male thread
Coupling family	Hose Tail
Size range	1/4" to 3"

TECHNICAL SPECIFICATION

Material	Stainless steel, 304 or 316	Working pressure	16 bar (232 psi) nominal
Finish	Pickled and passivated	Temperature range	-40°C to +150°C nominal
Body form	Hexagon centre	Hose retention	Serrated tail, clamp or ferrule
Threads (BSPT)	ISO 7-1 / BS 21	Corrosion	Suitable for salt water and washdown
Threads (NPT)	ASME B1.20.1	Inspection	Visual and dimensional before despatch
Ends	Hose tail by male thread	Certification	Material certificate on request



BILL OF MATERIALS

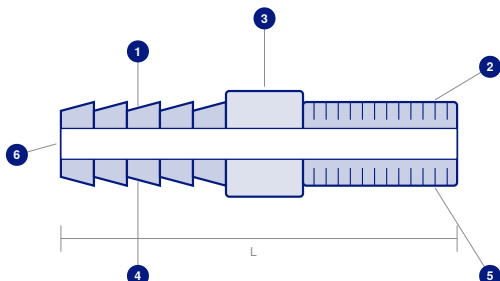


FIG. 2 | SECTIONAL ARRANGEMENT

#	FEATURE	DESCRIPTION
1	Serrated hose tail	Multiple barbs for grip under clamping
2	Hexagon	Spanner flats between tail and thread
3	Male thread	Taper R to ISO 7-1, or NPT
4	Full bore	Straight waterway through the nipple
5	Tail lead-in	Chamfered nose to ease hose entry
6	Finish	Pickled and passivated

One piece fitting. Use a stainless hose clip so the assembly does not create a bimetallic couple in wet service.

DIMENSIONS AND WEIGHTS

SIZE	NOMINAL HOSE ID (MM)	MALE THREAD	BODY
1/4"	6	1/4" BSPT	Stainless steel
3/8"	10	3/8" BSPT	Stainless steel
1/2"	13	1/2" BSPT	Stainless steel
3/4"	19	3/4" BSPT	Stainless steel
1"	25	1" BSPT	Stainless steel
1.1/4"	32	1.1/4" BSPT	Stainless steel
1.1/2"	38	1.1/2" BSPT	Stainless steel
2"	51	2" BSPT	Stainless steel
2.1/2"	64	2.1/2" BSPT	Stainless steel
3"	76	3" BSPT	Stainless steel

Hose tails are ordered by hose bore and thread size, which are normally the same nominal size. Overall length and across flats are to manufacturer standard and are not stated here. Grade 304 or 316 to order.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0078
Size	1/4", 3/8", 1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3"
Thread	BSPT or NPT, as ordered
Material	Stainless steel, 304 or 316
Order example	SW-0078 / 1" / BSPT / SS316

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.



PRESSURE AND TEMPERATURE

Compressed air	16 bar (232 psi) nominal, non-shock
Water and general service	16 bar (232 psi) nominal at ambient
Temperature range	-20°C to +100°C nominal
Service	Clean, non-corrosive and abrasive media

Pressure and temperature figures are nominal values typical of this class of hose fitting and are not published on the product page. The safe working pressure of a hose assembly is set by the weakest component, usually the hose or the clamp. Confirm the rating with SWBM before the assembly is used on compressed air.

TYPICAL APPLICATIONS

- Washdown and cleaning-in-place hoses
- Food, beverage and dairy transfer
- Marine and coastal water systems
- Chemical dosing and sampling lines
- Pharmaceutical and laboratory service
- General corrosion resistant hose work

COMPLIANCE AND QUALITY

- Material stainless steel, 316 or 304 to order
- Taper external threads to ISO 7-1 / BS 21
- NPT threads to ASME B1.20.1 available to order
- Serrated hose tails for positive grip under clamping
- Good resistance to salt water and washdown chemicals
- Material test certificate available on request

INSTALLATION AND OPERATION

- Match the coupling to the hose bore, never force an oversize tail
- Push the hose fully home over the serrations before clamping
- Use two clamps per tail on compressed air and abrasive service
- Fit a whip check or safety cable across every air hose joint
- Depressurise the line completely before breaking any coupling
- Inspect seals and serrations before each shift and replace if worn

COMPANY

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