STAINLESS STEEL CAMLOCK PART-E

Type E Cam and Groove Male Adapter x Hose Shank · Stainless steel 316 · Hose Shank

BRAND: SW FLOW CONTROLS | SKU: SW-0027 | SIZE 1/2" to 6" | UP TO 16 BAR / 232 PSI



FIG. 1 | STAINLESS STEEL CAMLOCK PART-E, TYPE E MALE ADAPTER X HOSE SHANK

PRODUCT OVERVIEW

The SWBM Stainless Steel Camlock Part-E is a Type E cam and groove fitting that terminates a hose with a male camlock adapter for quick connection to couplers. It suits quick, repeated connection and disconnection of hoses and pipework in transfer duties.

The male groove end locks into any matching camlock coupler of the same size, whose cam arms and gasket make the seal. The connection is made or broken by hand, without tools. The 316 stainless steel body gives high corrosion resistance and suits hygienic, chemical and marine duties.

Product type	**Type E, male adapter x hose shank**
End 1	**Male camlock adapter (groove)**
End 2	**Hose shank**
Body material	**Stainless steel 316**
Pressure rating	**Up to 16 bar (232 psi)**
Size range	**1/2" to 6" (DN15 to DN150)**

TECHNICAL SPECIFICATION

Design pattern	**A-A-59326 (MIL-C-27487)**
Body	**Stainless steel 316 (CF8M, ASTM A351)**
Connection	**Hose shank**
Seal	**Gasket of mating coupler**
Cam arms	**Not applicable**
Pins and pull rings	**Not applicable**

Working pressure	**Up to 16 bar, all sizes**
Temperature	**-20°C to +100°C, NBR seal**
Mates with	**Type B, C, D and DC**
Operation	**Push fit into coupler**
Excluded service	**Compressed air, steam**
Size range	**1/2" to 6"**

BILL OF MATERIALS

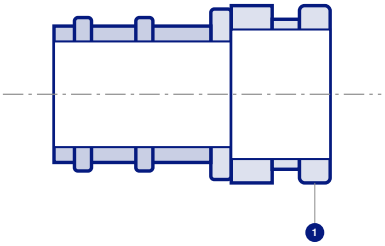


FIG. 2 | SECTIONAL ARRANGEMENT, SCHEMATIC

#	COMPONENT	MATERIAL
1	Body, one piece	Stainless steel 316 (CF8M, ASTM A351)

One piece construction with no loose parts. The joint is sealed by the gasket of the mating coupler.

DIMENSIONS AND WEIGHTS

SIZE	DN	CONNECTION	A	B	C	WEIGHT (KG)
3/4"	20	Hose shank	91.5	53	21	0.16
1"	25	Hose shank	108	60.5	27	0.27
1.1/4"	32	Hose shank	113	62	34	-
1.1/2"	40	Hose shank	115.5	62	41	0.52
2"	50	Hose shank	128	76	53.5	0.71
2.1/2"	65	Hose shank	134	78.5	66	1.05
3"	80	Hose shank	156.5	101	78.5	1.54
4"	100	Hose shank	177	111	105	2.45
6"	150	Hose shank	213	143	157	5.33

All dimensions in mm. A = overall length, B = hose shank length, C = hose shank outside diameter. Sizes 1/2" and 5" against enquiry. Values marked - are being confirmed with the manufacturer. Dimensions and weights are nominal and given for guidance only. Certified drawings are issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0027
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4", 5", 6"
Material	Stainless steel 316
Order example	**SW-0027 / 2"**

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

Maximum working pressure	**Up to 16 bar (232 psi)**
Applies to	**All sizes and configurations**
Gasket	**NBR (Buna-N)**
Temperature	**-20°C to +100°C, NBR seal**

Maximum working pressure at +21°C with a standard NBR gasket. The rating of a joint is set by the lower rated of the two mating parts. Not for compressed air or steam service. Confirm duty with SWBM for elevated temperature or aggressive media.

COMPLIANCE AND QUALITY

- Interchangeable with A-A-59326 (MIL-C-27487) fittings
- Body: Stainless steel 316 (CF8M, ASTM A351)
- Interchangeable with standard cam and groove fittings of the same size
- All stainless steel construction, including cam arms, pins and rings

TYPICAL APPLICATIONS

- Petrochemical and oil and gas transfer
- Food, beverage and vegetable oil handling
- Chemical transfer, subject to compatibility
- Water treatment and water supply
- Marine and abrasive service
- General industrial fluid transfer

INSTALLATION AND OPERATION

- Push the hose fully over the shank
- Secure with hose clamps or ferrules suited to the hose and pressure
- Keep the groove and sealing face clean and free of damage
- Insert fully into the coupler before closing its cam arms
- Release pressure and drain the line before disconnecting

COMPANY

Sunel Wala Building Materials
Trading Co. LLC (SWBM)
Dubai, United Arab Emirates

SALES ENQUIRIES

info@swbm-fittings.com
Tel: +971 4 238 5652
Mobile / WhatsApp: +971 50 748 1772

ONLINE

www.swbm-fittings.com
Brand: SW Flow Controls

The information in this data sheet is provided in good faith and is believed to be accurate at the date of issue. Dimensions, weights and ratings are nominal and may vary with the manufacturer and production batch. It remains the responsibility of the purchaser to confirm that the product is suitable for the intended service conditions. Sunel Wala Building Materials Trading Co. LLC reserves the right to amend specifications without prior notice. This document does not form part of any contract of sale.