

ALUMINIUM CAMLOCK PART-E

Type E Cam and Groove Male Adapter x Hose Shank · Die-cast aluminium · Hose Shank

BRAND: SW FLOW CONTROLS

SKU: SW-0007

SIZE 1/2" to 6"

UP TO 10 BAR / 145 PSI



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

PRODUCT OVERVIEW

The SWBM Aluminium 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. Die-cast aluminium keeps the fitting light and easy to handle on hoses, tankers and temporary lines.

Product type	Type E, male adapter x hose shank
End 1	Male camlock adapter (groove)
End 2	Hose shank
Body material	Die-cast aluminium
Pressure rating	Up to 10 bar (145 psi)
Size range	1/2" to 6" (DN15 to DN150)

TECHNICAL SPECIFICATION

Design pattern	A-A-59326 (MIL-C-27487)	Working pressure	Up to 10 bar, all sizes
Body	Die-cast aluminium, ASTM B26 356.0-T6	Temperature	-20°C to +100°C, NBR seal
Connection	Hose shank	Mates with	Type B, C, D and DC
Seal	Gasket of mating coupler	Operation	Push fit into coupler
Cam arms	Not applicable	Excluded service	Compressed air, steam
Pins and pull rings	Not applicable	Size range	1/2" to 6"

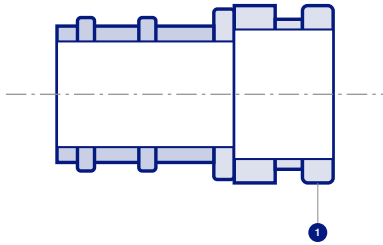


PRODUCT DATA SHEET

ALUMINIUM CAMLOCK PART-E

Ref. SW-0007 | Rev. 01

BILL OF MATERIALS



#	COMPONENT	MATERIAL
1	Body, one piece	Die-cast aluminium, ASTM B26 356.0-T6

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

FIG. 2 | SECTIONAL ARRANGEMENT, SCHEMATIC

DIMENSIONS AND WEIGHTS

SIZE	DN	CONNECTION	A	B	C	WEIGHT (KG)
3/4"	20	Hose shank	89	50.8	21	0.07
1"	25	Hose shank	106	57.2	27	0.11
1.1/4"	32	Hose shank	109.6	57.2	33.75	0.16
1.1/2"	40	Hose shank	114.6	61	39.88	0.23
2"	50	Hose shank	145.23	85.7	52.6	0.32
2.1/2"	65	Hose shank	145.1	81.5	66.2	0.41
3"	80	Hose shank	163.6	101.6	77.79	0.56
4"	100	Hose shank	175	108	103.99	0.96
6"	150	Hose shank	238	181.5	154.8	2.03

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

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0007
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4", 5", 6"
Material	Die-cast aluminium
Order example	SW-0007 / 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.



PRODUCT DATA SHEET

ALUMINIUM CAMLOCK PART-E

Ref. SW-0007 | Rev. 01

PRESSURE AND TEMPERATURE

Maximum working pressure	Up to 10 bar (145 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.

TYPICAL APPLICATIONS

- Water transfer and dewatering
- Fuel and petroleum product transfer
- Chemical transfer, subject to compatibility
- Agriculture and irrigation
- Construction sites and tanker loading
- Oil and gas and general industrial service

COMPLIANCE AND QUALITY

- Designed to A-A-59326 (MIL-C-27487)
- Body: Die-cast aluminium, ASTM B26 356.0-T6
- Interchangeable with standard cam and groove fittings of the same size
- Do not weld die-cast components

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

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