

Performances

Size	ISO Size	Series	Max. flow suggested		Connect force		Disconnect force		Spillage*
			l/min	GPM	N	lbf	N	lbf	
1/2"	12,5	A13FS	90	23,85	200	44,96	65	14,61	0,02
5/8"	16,0	A15FS	148	39,22	240	53,95	97	21,81	0,03

Size	Series	Max. operating pressure				Burst pressure				
		Coupled		Female		Coupled		Female		
		MPa	psi	MPa	psi	MPa	psi	MPa	psi	
1/2"	12,5	A13FS	33	4785	33	4785	100	14500	100	14500
5/8"	16,0	A15FS	33	4785	33	4785	100	14500	100	14500

* Spillage is an indicative value of the fluid loss during disconnection (according to ISO norm test method).

Tests performed:

The couplings have been tested according to ISO norm. The couplings coupled have been tested at max. operating pressure for 1.000.000 impulses. The couplings uncoupled have been tested at max. operating pressure for 100.000 impulses.

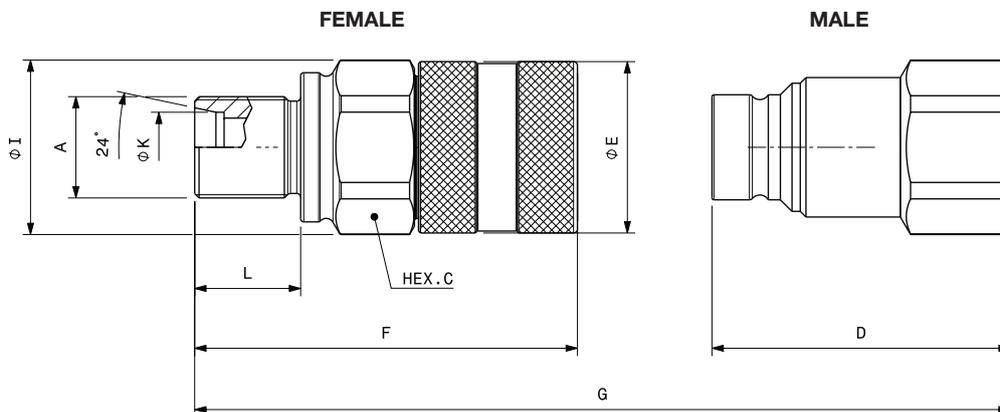
Temperature range:

Standard seals in NBR, PUR, POM: from -20 °C to +100 °C (from -4 °F to +212 °F). Please read carefully Instructions and warnings for proper selection of the products.

Different possible configurations:

Different threads available upon request.

Overall dimensions



Standard male for dimensions please refer to "A" series

Port description: MALE THREAD L SERIES -24° CONE BULKHEAD (ISO 8434-1 & DIN 2353)

BODY SIZE	Description	Item Number	ISO	Port (A)	Overall length		Length		Hex		Diameter		Diameter		Diameter		Length		Weight								
					mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb					
1/2"	F A13FS L12 SCHOTT	Female 804210008	12,5	M18X1,5	G	(F+D)-17,3	(F+D)-0,68	F	98,1	3,86	C	36,0	1,42	I	40,0	1,57	E	39,5	1,56	K	12	0,47	L	30,0	1,18	0,49	1,08
1/2"	F A13FS L15 SCHOTT	Female 804210010	12,5	M22X1,5	G	(F+D)-17,3	(F+D)-0,68	F	95,1	3,74	C	36,0	1,42	I	40,0	1,57	E	39,5	1,56	K	15	0,59	L	27,0	1,06	0,51	1,11
5/8"	F A15FS L15 SCHOTT	Female 804210006	16,0	M22X1,5	G	(F+D)-17,6	(F+D)-0,69	F	97,5	3,84	C	41,0	1,61	I	44,8	1,76	E	44,0	1,73	K	15	0,59	L	27,0	1,06	0,65	1,42
5/8"	F A15FS L18 SCHOTT	Female 804210004	16,0	M26X1,5	G	(F+D)-17,6	(F+D)-0,69	F	97,5	3,84	C	41,0	1,61	I	44,8	1,76	E	44,0	1,73	K	18	0,71	L	27,0	1,06	0,66	1,46

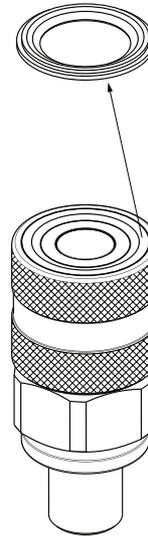
Important:

All codes shown in the table are not provided with safety lock ball

Spare kit

Repair kit/ OR+BK		
Body size	Description	Part number
1/2"	F A13FS	815701353
5/8"	F A15FS	815701354

FRONT SEAL



⚠ WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.
 Never connect or disconnect with dynamic pressure (e.g. pump on).
 Do not use the female coupling disconnected with high impulse pressure.
 Do not couple-uncouple with flow and/or pressure in the circuit.
 Do not couple-uncouple when the temperature inside of the circuit is higher than 80° C (176° F).
 Check the maximum allowable operating pressure of the port in use.
 Make sure that the medium used is compatible with seal and material as indicated for each series.
 In case of doubt please contact Stucchi Technical Support.
 The interchangeability is mentioned under the assumption that the manufacturer of the considered product has not changed any dimension.
It is mandatory to carefully read and closely follow the instructions before selecting or using any Stucchi products.
Always refer to the version uploaded in the Instructions and warning section of stucchigroup.com website for the latest release.
For specific, product-related, instructions, please contact Stucchi technical service.