



TECHNICAL FEATURES AND OPTIONS

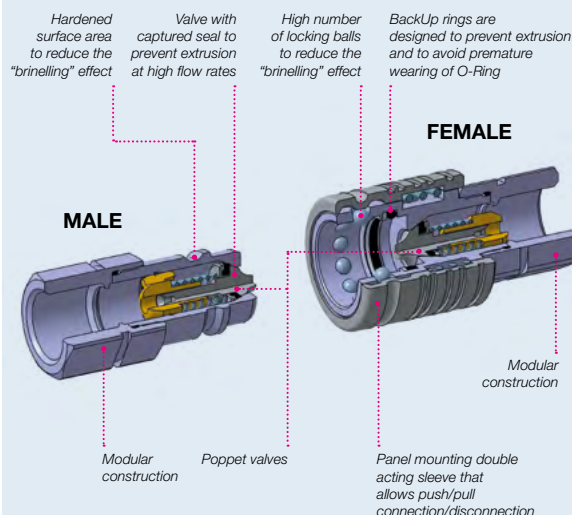
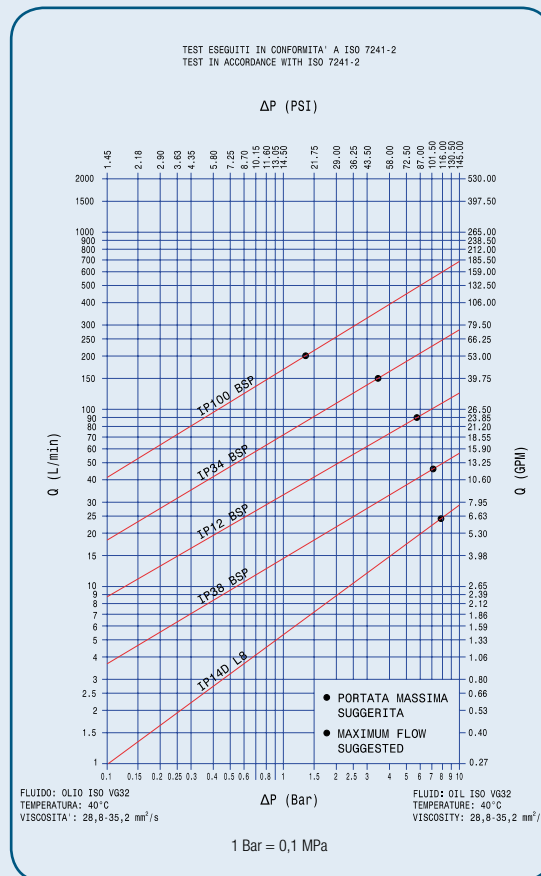
	Interchange ISO 7241-1 "A"		Sealing description Nitrile NBR		Connection system Push - pull
	Available sizes From 1/4" to 1"		Material/treatment Carbon steel /Cr3		Available threads BSP - NPT - METRIC
	Operating pressure Up to 350 bar		Locking mechanism Locking Ball System		Flow rate Up to 200 L/Min
	Temperature (°C) -20° / +100°		Valving style Poppet		Connection under pressure Connection: not allowed Disconnection: not allowed

BENEFITS

- Breakaway function to avoid damages of the hydraulic connections in case of strong axial force during unintended disconnection.
- The poppet valve with elastomer seal provides maximum sealing of the couplings when disconnected.
- Shape of internal parts is designed to reduce turbulence and pressure drop.
- The modular design allows for broad range of port configurations.
- Compact design.
- Simple to use.

HOW TO USE

- For the breakaway function, the female coupling must be mounted in a panel, locking the sleeve using seeger/ snap rings.
- Provide the IP female with a flexible hose, in order to permit the movements of the internal body during connection and disconnection of the couplings.
- Before to connect, clean the mating surface of the couplings to avoid dirt inclusion in the circuit.
- To connect push the male coupling into the female coupling.
- To disconnect pull back the male coupling.



MAIN APPLICATIONS



Agriculture



Oil/Gas



Industry



High Pressure



Cooling



Refrigeration



Earth Moving



Vehicles



Hydraulic Equipment



Chemical & Food Industry

PERFORMANCES

Size		Series/Size	Max. flow suggested		Connect force		Disconnect force		Spillage*
Inch	mm (ISO)		l/min	GPM	N	lbf	N	lbf	ml
1/4	6,3	IP14D**	24	6,36	27	6,08	17	3,83	0,30
3/8	10,0	IP38	46	12,19	75	16,88	30	6,75	1,20
1/2	12,5	IP12	90	23,85	90	20,25	80	18,00	1,80
3/4	20,0	IP34	148	39,22	130	29,25	70	15,75	5,20
1	25,0	IP100	200	53,00	300	67,50	70	15,75	13,00

Size	Series/Size	Max. operating pressure						Burst pressure					
		Coupled		Male		Female		Coupled		Male		Female	
Inch		MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
1/4	IP14D**	35	5075	35	5075	35	5075	110	15950	126	18270	126	18270
3/8	IP38	30	4350	30	4350	30	4350	100	14500	100	14500	100	14500
1/2	IP12	25	3625	25	3625	25	3625	90	13050	100	14500	100	14500
3/4	IP34	25	3625	25	3625	25	3625	90	13050	100	14500	100	14500
1	IP100	25	3625	25	3625	25	3625	80	11600	100	14500	100	14500

*Spillage is an indicative value of the fluid loss during disconnection (according to ISO 7241-2 test method)

** I-IP 14 type "D" couplings are not ISO7241-1/A interchangeable.

Temperature range:

Seals in NBR (Nitrile) : from -20 °C to +100 °C (from -4 °F to +212 °F).
Please read carefully "instruction and warning" for proper selection of the products.

Tests:

The couplings have been tested at max. operating pressure for 200.000 impulses according to ISO 7241-2 test method.



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 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 working pressure of the port in use.

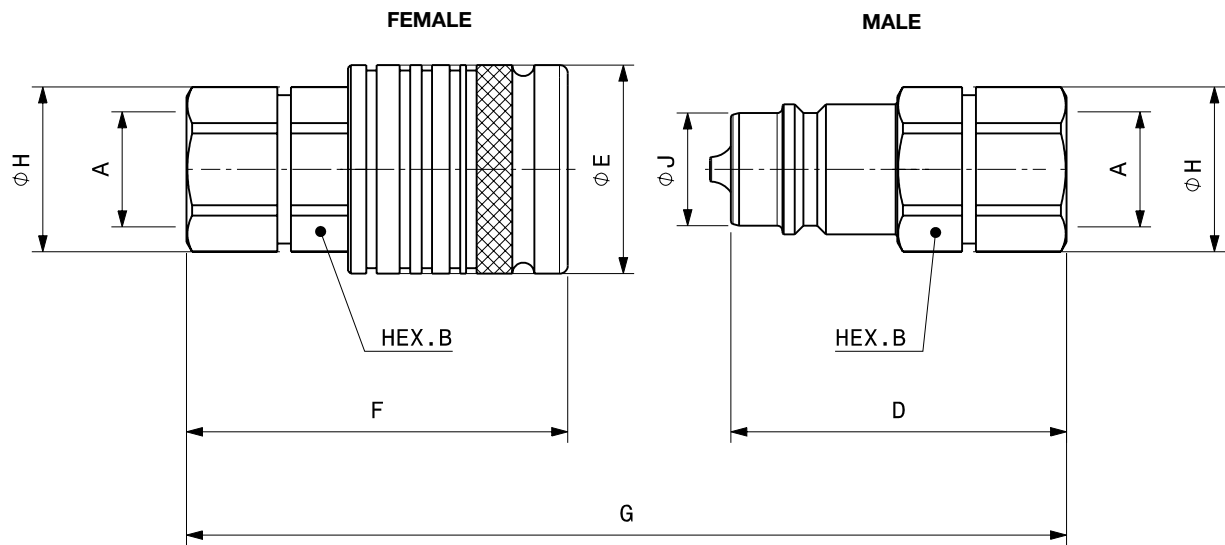
Make sure that the medium used is compatible with seal and material as indicated for each series.

In case of doubt please contact Stucchi Technical Support.

The interchangeability is mentioned under the assumption that the manufacturer of the considered products has not changed any dimension.

It is MANDATORY to read and closely follow the instructions. Last updated version always apply at time of installation, see latest written Instructions on Stucchi website (www.stucchi.it) before selecting or using Stucchi products.

OVERALL DIMENSIONS



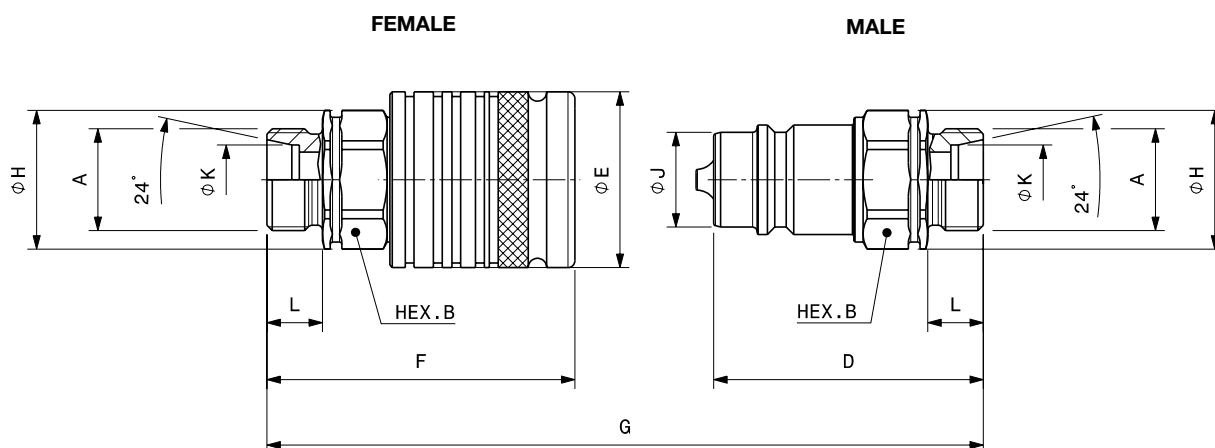
Port description: FEMALE THREAD BSPP (ISO 1179-1)

BODY SIZE	Descriptive Code	Item Code	ISO DN	BG	PORT (A)	Overall Length		Length		Hex		Overall Diameter		Body Diameter		Weight						
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs					
3/8"	F IP38 1/4 BSP	Female 809400008	10	2	1/4"	G	64,8	2,55	F	67,5	2,66	B	22,0	0,87	H	24,0	0,94	E	32,0	1,26	0,22	0,49
	M I38 1/4 BSP	Male 809400009							D	49,3	1,94							J	17,3	0,68	0,09	0,20
3/8"	F IP38 3/8 BSP	Female 809400010	10	2	3/8"	G	76,8	3,02	F	70,5	2,78	B	22,0	0,87	H	24,0	0,94	E	32,0	1,26	0,22	0,49
	M I38 3/8 BSP	Male 809400011							D	52,3	2,06							J	17,3	0,68	0,09	0,20
1/2"	F IP12 3/8 BSP	Female 809400004	12,5	3	3/8"	G	86,3	3,40	F	65,6	2,58	B	27,0	1,06	H	30,0	1,18	E	38,0	1,50	0,26	0,57
	M I12GS 3/8 BSP	Male 809400005							D	57,3	2,26							J	20,5	0,81	0,14	0,31
1/2"	F IP12 1/2 BSP	Female 809400000	12,5	3	1/2"	G	111,1	4,37	F	69,4	2,73	B	27,0	1,06	H	30,0	1,18	E	38,0	1,50	0,26	0,56
	M I12GS 1/2 BSP	Male 809400001							D	61,1	2,41							J	20,5	0,81	0,14	0,31
3/4"	F IP34 3/4 BSP	Female 809400014	20	4	3/4"	G	127,3	5,01	F	91,5	3,60	B	36,0	1,42	H	40,0	1,57	E	46,0	1,81	0,62	1,36
	M I34 3/4 BSP	Male 809400015							D	64,4	2,54							J	29,0	1,14	0,28	0,62
1"	F IP100 3/4 BSP	Female 809400016	25	6	3/4"	G	151,2	5,95	F	103,5	4,07	B	41,0	1,61	H	45,0	1,77	E	54,0	2,13	0,90	1,98
	M I100 3/4 BSP	Male 809400017							D	69,5	2,74							J	34,3	1,35	0,40	0,88
1"	F IP100 1" BSP	Female 809400018	25	6	1"	G	171,3	6,74	F	109,0	4,29	B	41,0	1,61	H	45,0	1,77	E	54,0	2,13	0,89	1,96
	M I100 1" BSP	Male 809400019							D	75,0	2,95							J	34,3	1,35	0,39	0,86

Port description: FEMALE THREAD NPT (ANSI B.1.20.1)

BODY SIZE	Descriptive Code	Item Code	ISO DN	BG	PORT (A)	Overall Length		Length		Hex		Overall Diameter		Body Diameter		Weight						
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs					
1/2"	F IP12 1/2 NPT	Female 809401000	12,5	3	1/2"	G	111,1	4,37	F	68,1	2,68	B	27,0	1,06	H	30,0	1,18	E	38,0	1,50	0,25	0,11
	M I12GS 1/2 NPT	Male 809401001							D	59,8	2,35							J	20,5	0,81	0,14	0,06

Panel mounting on the sleeve: please contact your local Stucchi sales engineer to get detailed dimensions.



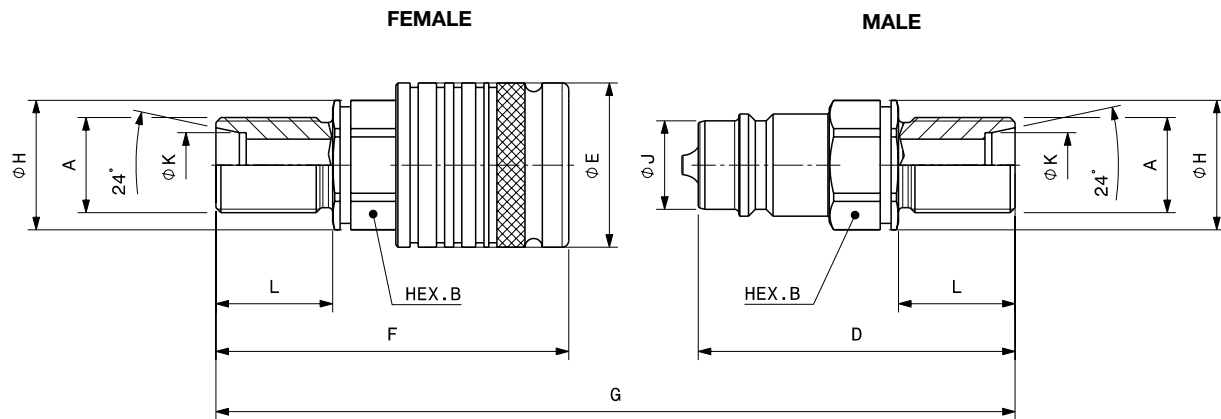
Port description: MALE THREAD METRIC L SERIES – 24° CONE (ISO 8434-1 & DIN 2353)

BODY SIZE	Descriptive Code	Item Code		ISO DN	BG	PORT (A)	Overall Length		Length		Hex		Overall Diameter		Diameter		Length		Body Diameter		Weight								
							mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs							
1/4"	F IP14D L8	Female	809408010	6,3	1	M14 X 1,5	G	90,5	3,56	F	62,9	2,48	B	19,0	0,75	H	21,0	0,83	K	8,2	0,32	L	10,0	0,39	E	26,0	1,02	0,13	0,29
	M I14D L8	Male	809408011							D	45,0	1,77													J	11,9	0,47		
3/8"	F IP38 L8	Female	809408012	10	2	M14X 1,5	G	93,2	3,67	F	64,5	2,54	B	22,0	0,87	H	24,0	0,94	K	8,2	0,32	L	10,0	0,39	E	32,0	1,26	0,20	0,44
	M I38 L8	Male	809408013							D	46,3	1,82													J	17,3	0,68		
3/8"	F IP38 L10	Female	809408014	10	2	M16 X 1,5	G	95,2	3,75	F	65,5	2,58	B	22,0	0,87	H	24,0	0,94	K	10,2	0,40	L	11,0	0,43	E	32,0	1,26	0,20	0,44
	M I38 L10	Male	809408015							D	47,3	1,86													J	17,3	0,68		
1/2"	F IP12 L8	Female	809408002	12,5	3	M14 X 1,5	G	101,0	3,98	F	65,6	2,58	B	27,0	1,06	H	30,0	1,18	K	8,2	0,32	L	10,0	0,39	E	38,0	1,50	0,24	0,52
	M I12GS L8	Male	809408003							D	57,3	2,26													J	20,5	0,81		
1/2"	F IP12 L10	Female	809408006	12,5	3	M16 X 1,5	G	101,0	3,98	F	65,6	2,58	B	27,0	1,06	H	30,0	1,18	K	10,2	0,40	L	11,0	0,43	E	38,0	1,50	0,23	0,51
	M I12GS L10	Male	809408007							D	57,3	2,26													J	20,5	0,81		
1/2"	F IP12 L12	Female	809408000	12,5	3	M18x1,5	G	120,0	4,72	F	84,6	3,33	B	27,0	1,06	H	30,0	1,18	K	12,2	0,48	L	11,0	0,43	E	38,0	1,50	0,23	0,51
	M I12GS L12	Male	809408001							D	57,3	2,26													J	20,5	0,81		
1/2"	F IP12 L15	Female	809408004	12,5	3	M22x1,5	G	103,0	4,06	F	66,6	2,62	B	27,0	1,06	H	30,0	1,18	K	15,2	0,60	L	12,0	0,47	E	38,0	1,50	0,24	0,53
	M I12GS L15	Male	809408005							D	58,3	2,30													J	20,5	0,81		
1/2"	F IP12 L18	Female	809408008	12,5	3	M26x1,5	G	103,0	4,06	F	66,6	2,62	B	27,0	1,06	H	30,0	1,18	K	18,2	0,72	L	12,0	0,47	E	38,0	1,50	0,24	0,54
	M I12GS L18	Male	809408009							D	58,3	2,30													J	20,5	0,81		
3/4"	F IP34 L18	Female	809408026	20	4	M26x1,5	G	120,5	4,74	F	87,1	3,43	B	36,0	1,42	H	40,0	1,57	K	18,2	0,72	L	12,0	0,47	E	46,0	1,81	0,57	1,26
	M I34 L18	Male	809408027							D	60,0	2,36													J	29,0	1,14		
3/4"	F IP34 L22	Female	809408028	20	4	M30x2	G	122,4	4,82	F	88,0	3,46	B	36,0	1,42	H	40,0	1,57	K	22,0	0,87	L	14,0	0,55	E	46,0	1,81	0,57	1,25
	M I34 L22	Male	809408029							D	61,0	2,40													J	29,0	1,14		
1"	F IP100 L15	Female	809408030	25	6	M22x1,5	G	138,6	5,46	F	103,0	4,06	B	41,0	1,61	H	45,0	1,77	K	15,2	0,60	L	12,0	0,47	E	54,0	2,13	0,85	1,87
	M I100 L15	Male	809408031							D	69,0	2,72													J	34,3	1,35		
1"	F IP100 L18	Female	809408032	25	6	M26x1,5	G	138,6	5,46	F	103,0	4,06	B	41,0	1,61	H	45,0	1,77	K	18,2	0,72	L	12,0	0,47	E	54,0	2,13	0,85	1,87
	M I100 L18	Male	809408033							D	69,0	2,72													J	34,3	1,35		
1"	F IP100 L22	Female	809408034	25	6	M30x2	G	142,6	5,61	F	105,0	4,13	B	41,0	1,61	H	45,0	1,77	K	22,2	0,87	L	14,0	0,55	E	54,0	2,13	0,85	1,88
	M I100 L22	Male	809408035							D	71,0	2,80													J	34,3	1,35		
1"	F IP100 L28	Female	809408036	25	6	M36x2	G	142,6	5,61	F	105,0	4,13	B	41,0	1,61	H	45,0	1,77	K	28,2	1,11	L	14,0	0,55	E	54,0	2,13	0,85	1,88
	M I100 L28	Male	809408037							D	71,0	2,80													J	34,3	1,35		

Port description: MALE THREAD METRIC S SERIES – 24° CONE (ISO 8434-1 & DIN 2353)

BODY SIZE	Descriptive Code	Item Code		ISO DN	BG	PORT (A)	Overall Length		Length		Hex		Overall Diameter		Diameter		Length		Body Diameter		Weight								
							mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs							
1/2"	F IP12 S10	Female	809409000	12,5	3	M18x1,5	G	103,0	4,06	F	66,6	2,62	B	27,0	1,06	H	30,0	1,18	K	10,2	0,40	L	12,0	0,47	E	38,0	1,50	0,24	0,53
	M I12GS S10	Male	809409001							D	58,3	2,30							J	20,5	0,81						0,12	0,27	
1/2"	F IP12 S12	Female	809409002	12,5	3	M20x1,5	G	103,0	4,06	F	66,6	2,62	B	27,0	1,06	H	30,0	1,18	K	12,2	0,48	L	12,0	0,47	E	38,0	1,50	0,24	0,53
	M I12GS S12	Male	809409003							D	58,3	2,30							J	20,5	0,81						0,13	0,28	
1/2"	F IP12 S14	Female	809409004	12,5	3	M22x1,5	G	107,0	4,21	F	68,6	2,70	B	27,0	1,06	H	30,0	1,18	K	14,2	0,56	L	14,0	0,55	E	38,0	1,50	0,25	0,54
	M I12GS S14	Male	809409005							D	60,3	2,37							J	20,5	0,81						0,13	0,29	

Panel mounting on the sleeve: please contact your local Stucchi sales engineer to get detailed dimensions.



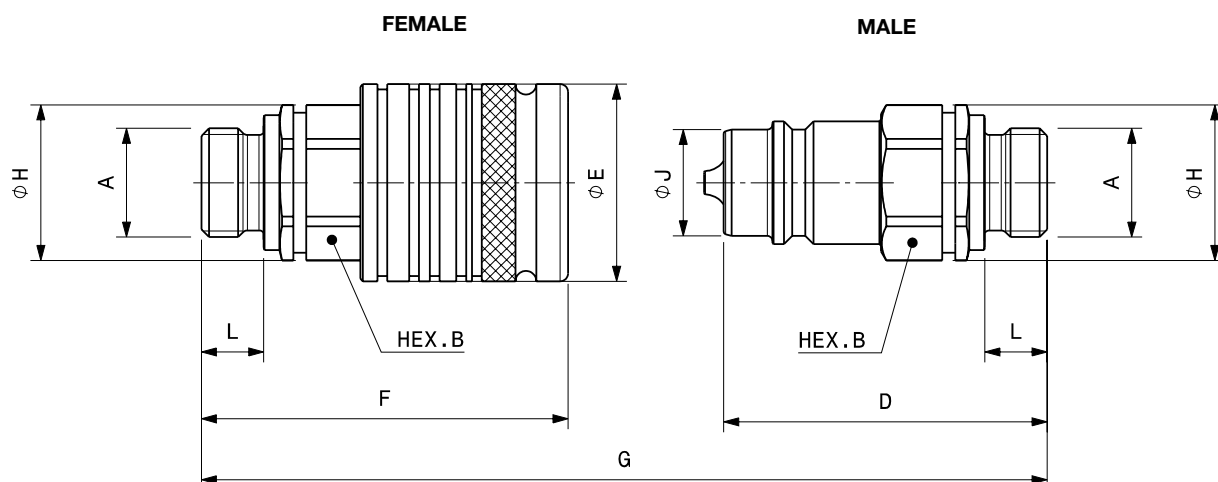
Port description: MALE THREAD METRIC L SCHOTT – BULKHEAD SERIES – 24°CONE (ISO 8434-1 & DIN 2353)

BODY SIZE	Descriptive Code	Item Code	ISO DN	BG	PORT (A)	Overall Length		Length		Hex		Overall Diameter		Diameter		Length		Body Diameter		Weight									
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs								
1/4"	FIP14D L8 SCHOTT	Female	809410010	6,3	1	M14 X 1,5	G	120,5	4,74	F	77,9	3,07	B	19,0	0,75	H	21,0	0,83	K	8,2	0,32	L	25,0	0,98	E	26,0	1,02	0,14	0,31
	M H14D L8 SCHOTT	Male	809410011							D	60,0	2,36													D				
3/8"	FIP38 L8 SCHOTT	Female	809410012	10	2	M14X 1,5	G	123,2	4,85	F	79,5	3,13	B	22,0	0,87	H	24,0	0,94	K	8,2	0,32	L	25,0	0,98	E	32,0	1,26	0,21	0,46
	M I38 L8 SCHOTT	Male	809410013							D	61,3	2,41													D				
3/8"	FIP38 L10 SCHOTT	Female	809410014	10	2	M16 X 1,5	G	125,2	4,93	F	80,5	3,17	B	22,0	0,87	H	24,0	0,94	K	10,2	0,40	L	26,0	1,02	E	32,0	1,26	0,21	0,47
	M I38 L10 SCHOTT	Male	809410015							D	62,3	2,45													D				
1/2"	FIP12 L8 SCHOTT	Female	809410002	12,5	3	M14 X 1,5	G	133,0	5,24	F	81,6	3,21	B	27,0	1,06	H	30,0	1,18	K	8,2	0,32	L	26,0	1,02	E	38,0	1,50	0,25	0,55
	M I12GS L8 SCHOTT	Male	809410003							D	73,3	2,89													D				
1/2"	FIP12 L10 SCHOTT	Female	809410006	12,5	3	M16 X 1,5	G	131,0	5,16	F	80,6	3,17	B	27,0	1,06	H	30,0	1,18	K	10,2	0,40	L	26,0	1,02	E	38,0	1,50	0,25	0,54
	M I12GS L10 SCHOTT	Male	809410007							D	72,3	2,85													D				
1/2"	FIP12 L12 SCHOTT 30	Female	809410000	12,5	3	M18 X 1,5	G	139,0	5,47	F	84,6	3,33	B	27,0	1,06	H	30,0	1,18	K	12,2	0,48	L	30,0	1,18	E	38,0	1,50	0,25	0,56
	M I12GS L12 SCHOTT 30	Male	809410001							D	76,3	3,00													D				
1/2"	FIP12 L15 SCHOTT	Female	809410004	12,5	3	M22x1,5	G	133,0	5,24	F	81,6	3,21	B	27,0	1,06	H	30,0	1,18	K	15,2	0,60	L	27,0	1,06	E	38,0	1,50	0,27	0,59
	M I12GS L15 SCHOTT	Male	809410005							D	73,3	2,89													D				
1/2"	FIP12 L18 SCHOTT	Female	809410008	12,5	3	M26x1,5	G	133,0	5,24	F	81,6	3,21	B	27,0	1,06	H	30,0	1,18	K	18,2	0,72	L	27,0	1,06	E	38,0	1,50	0,28	0,62
	M I12GS L18 SCHOTT	Male	809410009							D	73,3	2,89													D				
3/4"	FIP34 L15 SCHOTT	Female	809410024	20	4	M22x1,5	G	148,5	5,85	F	101,1	3,98	B	36,0	1,42	H	40,0	1,57	K	15,2	0,60	L	27,0	1,06	E	46,0	1,81	0,59	1,29
	M I34 L15 SCHOTT	Male	809410025							D	74,0	2,91													D				
3/4"	FIP34 L22 SCHOTT 36	Female	809410028	20	4	M30x2	G	166,5	6,56	F	110,1	4,33	B	36,0	1,42	H	40,0	1,57	K	22,0	0,87	L	36,0	1,42	E	46,0	1,81	0,63	1,38
	M I34 L22 SCHOTT 36	Male	809410029							D	83,0	3,27													D				

Port description: MALE THREAD METRIC S SCHOTT – BULKHEAD SERIES – 24° CONE (ISO 8434-1 & DIN 2353)

BODY SIZE	Descriptive Code	Item Code	ISO DN	BG	PORT (A)	Overall Length		Length		Hex		Overall Diameter		Diameter		Length		Body Diameter		Weight									
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs								
1/2"	FIP12 S10 SCHOTT	Female	809411000	12,5	3	M18 X 1,5	G	133,0	5,24	F	81,6	3,21	B	27,0	1,06	H	30,0	1,18	K	10,2	0,40	L	27,0	1,06	E	38,0	1,50	0,27	0,60
	M I12G S10 SCHOTT	Male	809411001							D	73,3	2,89													J	20,5	0,81	0,16	0,35
1/2"	FIP12 S12 SCHOTT	Female	809411002	12,5	3	M20x1,5	G	133,0	5,24	F	81,6	3,21	B	27,0	1,06	H	30,0	1,18	K	12,2	0,48	L	27,0	1,06	E	38,0	1,50	0,27	0,59
	M I12G S12 SCHOTT	Male	809411003							D	73,3	2,89													J	20,5	0,81	0,15	0,33
1/2"	FIP12 S16 SCHOTT	Female	809411006	12,5	3	M24x1,5	G	137,0	5,39	F	83,6	3,29	B	27,0	1,06	H	30,0	1,18	K	16,2	0,64	L	29,0	1,14	E	38,0	1,50	0,28	0,62
	M I12G S16 SCHOTT	Male	809411007							D	75,3	2,96													J	20,5	0,81	0,17	0,37
3/4"	FIP34 S16 SCHOTT	Female	809411010	20	4	M24x1,5	G	152,5	6,00	F	103,1	4,06	B	36,0	1,42	H	40,0	1,57	K	16,2	0,64	L	29,0	1,14	E	46,0	1,81	0,60	1,33
	M I34 S16 SCHOTT	Male	809411011							D	76,0	2,99													J	29,0	1,14	0,27	0,59
3/4"	FIP34 S20 SCHOTT	Female	809411012	20	4	M30x2	G	166,5	6,56	F	110,1	4,33	B	36,0	1,42	H	40,0	1,57	K	20,0	0,79	L	36,0	1,42	E	46,0	1,81	0,65	1,43
	M I34 S20 SCHOTT	Male	809411013							D	83,0	3,27													J	29,0	1,14	0,31	0,69
1"	FIP100 S20 SCHOTT 38	Female	809411014	25	6	M30x2	G	190,6	7,50	F	129,0	5,08	B	41,0	1,61	H	45,0	1,77	K	20,2	0,80	L	38,0	1,50	E	54,0	2,13	0,94	2,07
	M I100 S20 SCHOTT 38	Male	809411015							D	95,0	3,74													J	34,3	1,35	0,44	0,96
1"	FIP100 S25 SCHOTT	Female	809411016	25	6	M36x2	G	190,6	7,50	F	129,0	5,08	B	41,0	1,61	H	45,0	1,77	K	25,2	0,99	L	38,0	1,50	E	54,0	2,13	0,98	2,16
	M I100 S25 SCHOTT	Male	809411017							D	95,0	3,74													J	34,3	1,35	0,48	1,06

Panel mounting on the sleeve: please contact your local Stucchi sales engineer to get detailed dimensions.



Port description: MALE THREAD BSPP (DIN3852/A)

BODY SIZE	Descriptive Code	Item Code	ISO DN	BG	PORT (A)	Overall Length		Length		Length		Hex		Overall Diameter		Overall Diameter		Weight	
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs
3/8"	FIP38 3/8 BSP EST - A	Female 809400012	10	2	3/8"	G 102,2	4,02	F 69,0	2,72	L 12,0	0,47	B 22,0	0,87	H 24,0	0,94	E 32,0	1,26	0,42	0,91
	M 138 3/8 BSP EST - A	Male 809400013						D 50,8	2,00							J 17,3	0,68	0,08	0,18
1/2"	FIP12 1/2 BSP EST - A	Female 809400002	12,5	3	1/2"	G 111,0	4,37	F 70,6	2,78	L 12,0	0,47	B 27,0	1,06	H 30,0	1,18	E 38,0	1,50	0,28	0,62
	M 112GS 1/2 BSP EST - A	Male 809400003						D 62,3	2,45							J 20,5	0,81	0,14	0,30

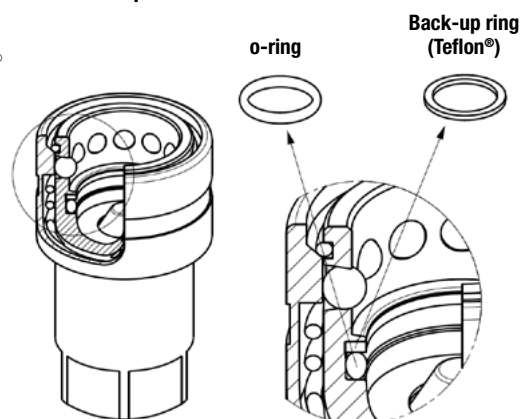
Panel mounting on the sleeve: please contact your local Stucchi sales engineer to get detailed dimensions.



SPARE KIT SEAL FOR FEMALE

Repair kit / OR+BK		
Body Size	Description	Part Number
1/4"	F IP14D	815700924
3/8"	F IP38	815700926
1/2"	F IP12	815700928
3/4"	F IP34	815700930
1"	F IP100	815700932

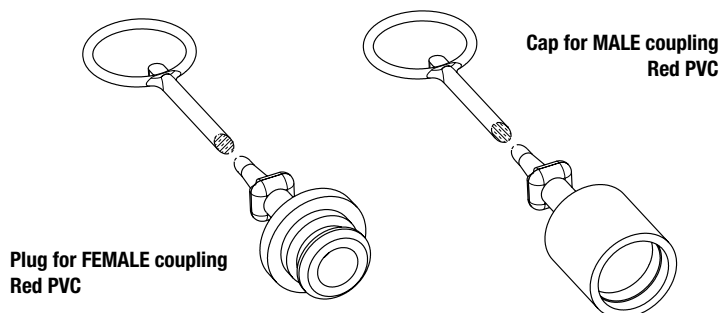
O-Ring in NBR
BackUp in Teflon®



PROTECTIVE CAPS FOR I-IP SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in agriculture applications where exposure to weather and aggregate materials are common.

The protective caps for I-IP series are manufactured in PVC with connection lanyard (standard color red, other colors available upon request). A flip cap version is also available for the size 1/2".

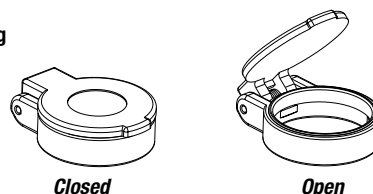


Plug for FEMALE coupling
Red PVC

Cap for MALE coupling
Red PVC

Protective Cap			
Body Size/Description	Part Number		Material/Color
	Plug for Female	Cap for Male	
3/8" IP38	815000014	815000015	PVC/Red
1/2" IP12	815000004	815000005	PVC/Red
3/4" IP34	815000016	815000017	PVC/Red
1" IP100	815000018	815000019	PVC/Red

Cap for FEMALE coupling
Red Nylon



Closed

Open

Protective Cap		
Body Size/Description	Part Number	
	Plug for Female	Material/Color
1/2" IP12	815200004	Nylon/Red