FIRGSERIES

INTERCHANGE > **ISO 16028 - NFPA T3.20.15 - HTMA (size 3/8")**



TECHNICAL FEATURES AND OPTIONS

Interchange
ISO 16028
NFPA T3.20.15
HTMA (size 3/8")

Sealing description
Nitrile NBR

Connection system
Push

Available sizes
from 1/4"
to 2"

Material /treatment
Carbon steel
/Cr3

Available threads
BSP - NPT - BSPT
- SAE

Operating pressure
Up to 330 bar

Locking mechanism
Locking ball +
Safety Lock

Flow rate
Up to 1000 l/min

Temperature (°C)
-20°C / +100°C

Valving style
Flat face

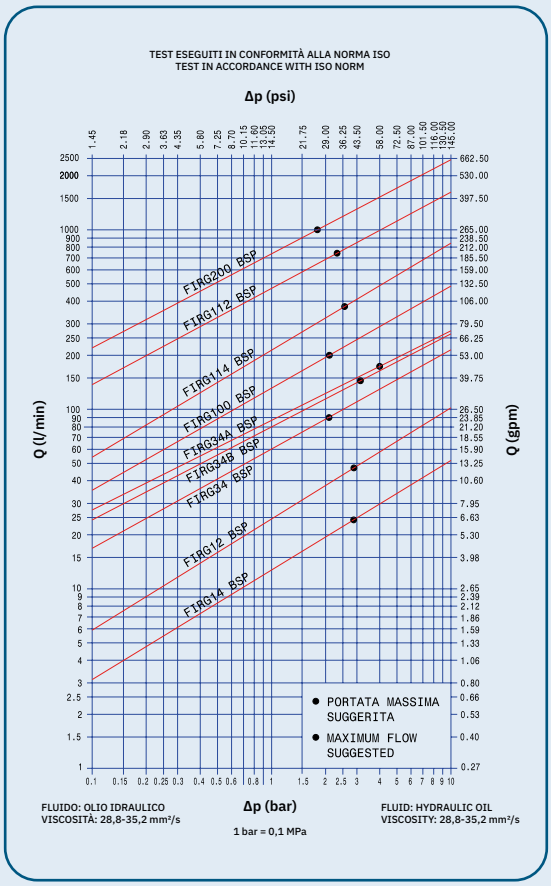
Connection under pressure
Connection: not allowed
Disconnection: not allowed

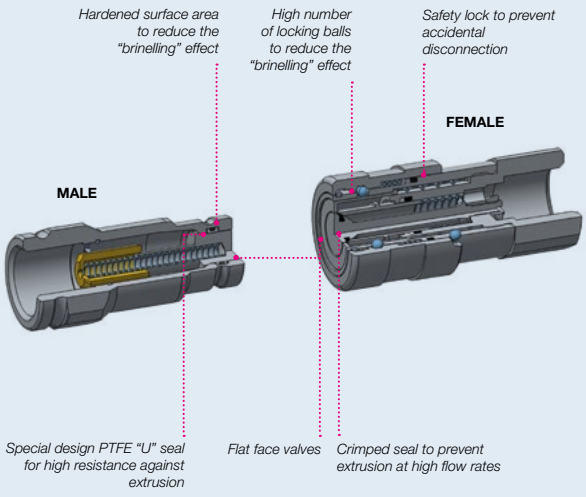
BENEFITS

- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit.
- Minimal fluid spillage during disconnection, reducing fluid spillage to the environment.
- Minimal air inclusion during connection, enhancing correct function of the circuit.
- Linear flow reduces internal turbulence and pressure drop maintaining circuit efficiency.
- Good resistance to pressure impulses when the couplings are connected.
- Compact slim design.
- Safe and simple to use.

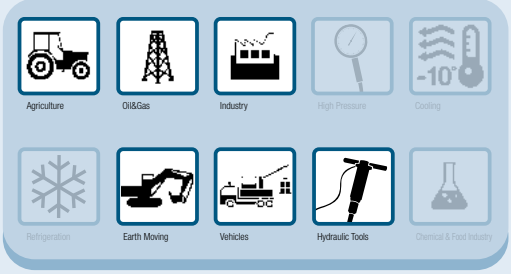
HOW TO USE

- Before to connect, clean the mating surface of the couplings to avoid dirt inclusion in the circuit.
- To connect push the male half towards the female half or vice versa.
- After connection turn the external sleeve to engage safety lock function, to prevent accidental disconnection.
- To disconnect turn the external sleeve until the sleeve lock notch match the safety lock ball and push back the sleeve.





MAIN APPLICATIONS



FIRGSERIES

Stucchi®

PERFORMANCES

Size		Series/Size		Max. flow suggested		Connect force		Disconnect force		Spillage*
in	mm (ISO)	OLD	NEW	l/min	gpm	N	lbf	N	lbf	ml
1/4	6,3	FIRG14	FIRG7	24	6,36	140	31,50	40	9,00	0,01
3/8	10,0	FIRG38-12	FIRG9	46	12,19	150	33,75	40	9,00	0,01
1/2	12,5	FIRG12A-34	FIRG13	90	23,85	160	36,00	60	13,50	0,02
5/8	16,0	FIRG34B	FIRG15	148	39,22	180	40,50	55	12,38	0,02
3/4	19,0	FIRG34A	FIRG17 3/4	170	45,05	270	60,75	90	20,25	0,03
3/4	19,0	FIRG100	FIRG17 1	200	53,00	240	54,00	65	14,63	0,03
1	25,0	FIRG114	FIRG21	378	100,17	310	69,75	100	22,50	0,03
1-1/2	38,0	FIRG112	FIRG30	750	198,75	390	87,75	90	20,25	0,05
2	51,0	FIRG200	FIRG45	1000	265,00	470	105,75	100	22,50	0,1

Size	Series/Size		Max. operating pressure						Burst pressure					
			Coupled		Male		Female		Coupled		Male		Female	
in	OLD	NEW	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
1/4	FIRG14	FIRG7	30	4350	42	6090	12	1740	120	17400	126	18270	48	6960
3/8	FIRG38-12	FIRG9	30	4350	30	4350	12	1740	120	17400	120	17400	48	6960
1/2	FIRG12A-34	FIRG13	25	3625	25	3625	10	1450	100	14500	100	14500	40	5800
5/8	FIRG34B	FIRG15	25	3625	22	3190	10	1450	100	14500	88	12760	40	5800
3/4	FIRG34A	FIRG17 3/4	33	4785	33	4785	33	4785	100	14500	100	14500	100	14500
3/4	FIRG100	FIRG17 1	25	3625	20	2900	10	1450	100	14500	80	11600	40	5800
1	FIRG114	FIRG21	25	3625	20	2900	10	1450	100	14500	80	11600	40	5800
1-1/2	FIRG112	FIRG30	20	2900	27	3915	8	1160	80	11600	80	11600	32	4640
2	FIRG200	FIRG45	20	2900	16	2320	8	1160	80	11600	64	9280	32	4640

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

Different possible configurations:
BSPT thread available upon request.

Temperature range:
Standard seals NBR (Nitrile): from -20 °C to +100 °C (from -4 °F to +212 °F).
Upon request seals in FKM (VITON®): form -15°C to +180°C (from +5 °F to +356 °F).
Please read carefully Instructions and warnings for proper selection of the products.

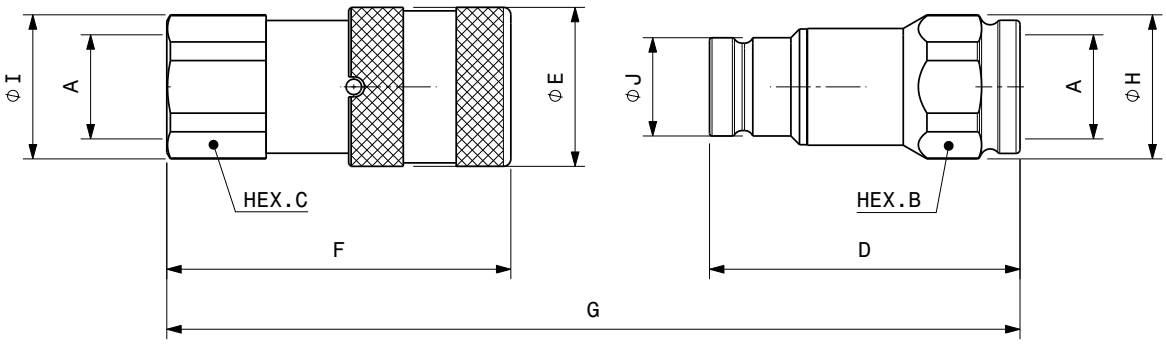
Tests:
Qualification tests have been performed with hydraulic oil using couplings with NBR (Nitrile) seals.
The max. operating pressure has been verified for 100.000 impulses according to ISO norm test method.

⚠ 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 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 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 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.

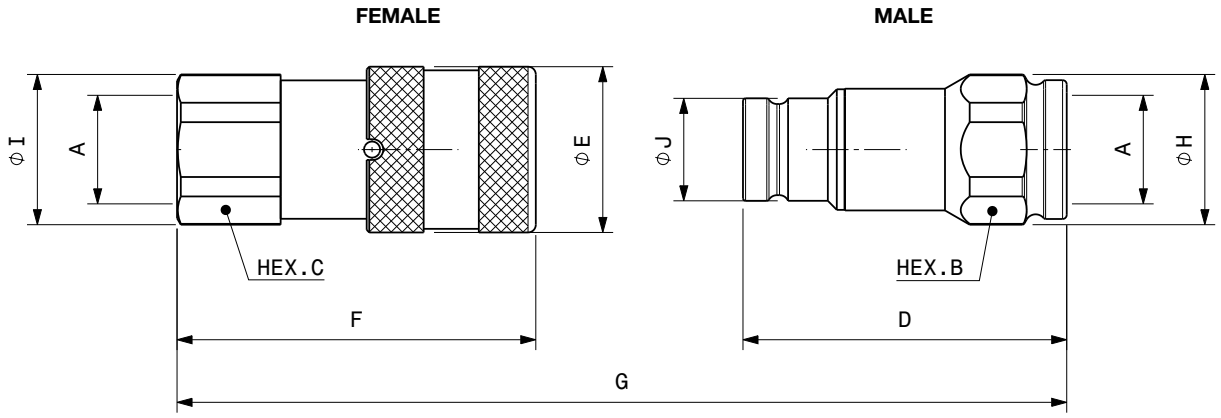
FEMALE

MALE



Port description: FEMALE THREAD BSPP (ISO1179-1)

Body Size	Descriptive Code OLD	Descriptive Code NEW	Item Code		ISO DN	PORT (A)	Overall Length			Length		Hex		Diameter		Diameter		Weight	
								mm	in		mm	in		mm	in		mm	in	kg	lb
1/4"	F FIRG 14 BSP	F FIRG7 1/4 BSP	Female	800800000	6,3	1/4"	G	85,2	3,35	F	48,1	1,89	C	22,0	0,87	I	23,8	0,94	E	28,0	1,10	0,14	0,31
	M FIRG 14 BSP	M FIRG7 1/4 BSP	Male	800800001						D	47,9	1,89	B	22,0	0,87	H	23,8	0,94	J	16,1	0,63	0,09	0,19
3/8"	F FIRG 38 BSP	F FIRG9 3/8 BSP	Female	800800004	10	3/8"	G	108,7	4,28	F	64,2	2,53	C	27,0	1,06	I	29,0	1,14	E	32,0	1,26	0,24	0,52
	M FIRG 38 BSP	M FIRG9 3/8 BSP	Male	800800005						D	60,0	2,36	B	24,0	0,94	H	26,0	1,02	J	19,7	0,78	0,12	0,27
3/8"	F FIRG 12 BSP	F FIRG9 1/2 BSP	Female	800800002	10	1/2"	G	116,2	4,57	F	69,2	2,72	C	27,0	1,06	I	29,0	1,14	E	32,0	1,26	0,24	0,52
	M FIRG 12 BSP	M FIRG9 1/2 BSP	Male	800800003						D	62,5	2,46	B	27,0	1,06	H	29,0	1,14	J	19,7	0,78	0,13	0,28
1/2"	F FIRG 12A BSP	F FIRG13 1/2 BSP	Female	800800006	12,5	1/2"	G	124,5	4,90	F	73,8	2,91	C	32,0	1,26	I	33,8	1,33	E	38,0	1,50	0,38	0,83
	M FIRG 12A BSP	M FIRG13 1/2 BSP	Male	800800007						D	68,0	2,68	B	32,0	1,26	H	33,8	1,33	J	24,5	0,96	0,23	0,51
1/2"	F FIRG 34 BSP	F FIRG13 3/4 BSP	Female	800800008	12,5	3/4"	G	134,0	5,28	F	80,8	3,18	C	36,0	1,42	I	38,5	1,52	E	38,0	1,50	0,41	0,91
	M FIRG 34 BSP	M FIRG13 3/4 BSP	Male	800800009						D	70,5	2,78	B	36,0	1,42	H	38,5	1,52	J	24,5	0,96	0,23	0,50
5/8"	F FIRG 34B BSP	F FIRG15 3/4 BSP	Female	800800010	16	3/4"	G	131,4	5,17	F	78,5	3,09	C	36,0	1,42	I	38,5	1,52	E	42,0	1,65	0,48	1,06
	M FIRG 34B BSP	M FIRG15 3/4 BSP	Male	800800011						D	70,5	2,78	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,27	0,59
3/4"	F FIRG 34A BSP	F FIRG17 3/4 BSP	Female	800800020	19	3/4"	G	149,0	5,87	F	88,7	3,49	C	41,0	1,61	I	44,8	1,76	E	48,0	1,89	0,75	1,65
	M FIRG 34A BSP	M FIRG17 3/4 BSP	Male	800800021						D	82,3	3,24	B	41,0	1,61	H	44,8	1,76	J	30,0	1,18	0,45	0,98
3/4"	F FIRG 100 BSP	F FIRG17 1 BSP	Female	800800012	19	1"	G	153,5	6,04	F	93,2	3,67	C	45,0	1,77	I	47,8	1,88	E	48,0	1,89	0,77	1,69
	M FIRG 100 BSP	M FIRG17 1 BSP	Male	800800013						D	82,3	3,24	B	46,0	1,77	H	47,8	1,88	J	30,0	1,18	0,39	0,87
1"	F FIRG 114 BSP	F FIRG21 1-1/4 BSP	Female	800800014	25	1-1/4"	G	172,8	6,80	F	106,0	4,17	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,22	2,68
	M FIRG 114 BSP	M FIRG21 1-1/4 BSP	Male	800800015						D	89,8	3,54	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,64	1,41
1-1/2"	F FIRG 112 BSP	F FIRG30 1-1/2 BSP	Female	800800016	38	1-1/2"	G	214,9	8,46	F	132,4	5,21	C	65,0	2,56	I	72,0	2,83	E	80,0	3,15	2,82	6,22
	M FIRG 112 BSP	M FIRG30 1-1/2 BSP	Male	800800017						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,67	3,67
2"	F FIRG 200 BSP	F FIRG45 2 BSP	Female	800800018	51	2"	G	241,5	9,51	F	156,6	6,17	C	80,0	3,15	I	88,5	3,48	E	100,0	3,94	5,10	11,24
	M FIRG 200 BSP	M FIRG45 2 BSP	Male	800800019						D	123,8	4,87	B	75,0	2,95	H	83,5	3,29	J	73,0	2,87	2,26	4,98



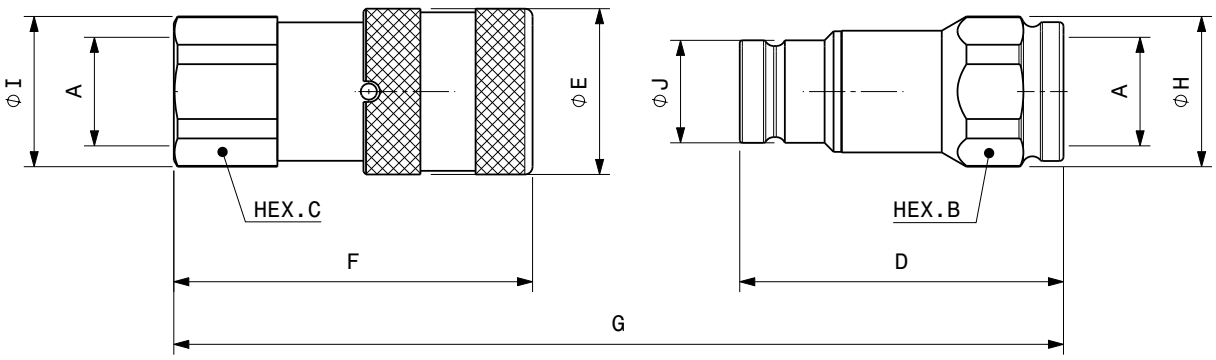
Port description: FEMALE THREAD NPT (ANSI B.1.20.1)

Body Size	Descriptive Code OLD	Descriptive Code NEW	Item Code		ISO DN	PORT (A)	Overall Length			Length		Hex		Diameter		Diameter		Weight	
								mm	in		mm	in	mm	in	mm	in	mm	in	kg	lb
1/4"	F FIRG 14 NPT	F FIRG7 1/4 NPT	Female	800801000	6,3	1/4"	G	85,2	3,35	F	48,1	1,89	C	22,0	0,87	I	23,8	0,94	E	28,0	1,10	0,14	0,31
	M FIRG 14 NPT	M FIRG7 1/4 NPT	Male	800801001						D	47,9	1,89	B	22,0	0,87	H	23,8	0,94	J	16,1	0,63	0,09	0,19
3/8"	F FIRG 38 NPT	F FIRG9 3/8 NPT	Female	800801004	10	3/8"	G	108,7	4,28	F	64,2	2,53	C	27,0	1,06	I	29,0	1,14	E	32,0	1,26	0,24	0,52
	M FIRG 38 NPT	M FIRG9 3/8 NPT	Male	800801005						D	60,0	2,36	B	24,0	0,94	H	26,0	1,02	J	19,7	0,78	0,12	0,27
3/8"	F FIRG 12 NPT	F FIRG9 1/2 NPT	Female	800801002	10	1/2"	G	116,2	4,57	F	69,2	2,72	C	27,0	1,06	I	29,0	1,14	E	32,0	1,26	0,24	0,53
	M FIRG 12 NPT	M FIRG9 1/2 NPT	Male	800801003						D	62,5	2,46	B	27,0	1,06	H	29,0	1,14	J	19,7	0,78	0,13	0,29
1/2"	F FIRG 12A NPT	F FIRG13 1/2 NPT	Female	800801006	12,5	1/2"	G	124,5	4,90	F	73,8	2,91	C	32,0	1,26	I	33,8	1,33	E	38,0	1,50	0,38	0,83
	M FIRG 12A NPT	M FIRG13 1/2 NPT	Male	800801007						D	68,0	2,68	B	32,0	1,26	H	33,8	1,33	J	24,5	0,96	0,24	0,52
1/2"	F FIRG 34 NPT	F FIRG13 3/4 NPT	Female	800801008	12,5	3/4"	G	134,0	5,28	F	80,8	3,18	C	36,0	1,42	I	38,5	1,52	E	38,0	1,50	0,42	0,93
	M FIRG 34 NPT	M FIRG13 3/4 NPT	Male	800801009						D	70,5	2,78	B	36,0	1,42	H	38,5	1,52	J	24,5	0,96	0,23	0,52
5/8"	F FIRG 34B NPT	F FIRG15 3/4 NPT	Female	800801010	16	3/4"	G	131,4	5,17	F	78,5	3,09	C	36,0	1,42	I	38,5	1,52	E	42,0	1,65	0,49	1,08
	M FIRG 34B NPT	M FIRG15 3/4 NPT	Male	800801011						D	70,5	2,78	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,27	0,60
3/4"	F FIRG 34A NPT	F FIRG17 3/4 NPT	Female	800801020	19	3/4"	G	149,0	5,87	F	88,7	3,49	C	41,0	1,61	I	44,8	1,76	E	48,0	1,89	0,76	1,66
	M FIRG 34A NPT	M FIRG17 3/4 NPT	Male	800801021						D	82,3	3,24	B	41,0	1,61	H	44,8	1,76	J	30,0	1,18	0,45	0,99
3/4"	F FIRG 100 NPT	F FIRG17 1 NPT	Female	800801012	19	1"	G	153,5	6,04	F	93,2	3,67	C	45,0	1,77	I	47,8	1,88	E	48,0	1,89	0,78	1,72
	M FIRG 100 NPT	M FIRG17 1 NPT	Male	800801013						D	82,3	3,24	B	46,0	1,77	H	47,8	1,88	J	30,0	1,18	0,41	0,89
1"	F FIRG 114 NPT	F FIRG21 1-1/4 NPT	Female	800801014	25	1 1/4"	G	172,8	6,80	F	106,0	4,17	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,22	2,68
	M FIRG 114 NPT	M FIRG21 1-1/4 NPT	Male	800801015						D	89,8	3,54	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,66	1,46
1-1/2"	F FIRG 112 NPT	F FIRG30 1-1/2 NPT	Female	800801016	38	1 1/2"	G	214,9	8,46	F	132,4	5,21	C	65,0	2,56	I	72,0	2,83	E	80,0	3,15	2,85	6,28
	M FIRG 112 NPT	M FIRG30 1-1/2 NPT	Male	800801017						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,67	3,68
2"	F FIRG 200 NPT	F FIRG45 2 NPT	Female	800801018	51	2"	G	241,5	9,51	F	156,6	6,17	C	80,0	3,15	I	88,5	3,48	E	100,0	3,94	5,10	11,24
	M FIRG 200 NPT	M FIRG45 2 NPT	Male	800801019						D	123,8	4,87	B	75,0	2,95	H	83,5	3,29	J	73,0	2,87	2,26	4,98

FIRGSERIES

Stucchi®

FEMALE **MALE**



Port description: FEMALE THREAD SAE (ISO 11926-1 & SAE J1926-1)

Body Size	Descriptive Code OLD	Descriptive Code NEW	Item Code	ISO DN	PORT (A)	Overall Length mm	Overall Length in	Length	mm	in	Hex	mm	in	Diameter	mm	in	Diameter	mm	in	Weight kg	Weight lb
1/4"	F FIRG 14 3/8 SAE	F FIRG7 3/8 SAE	Female 800804000	6,3	9/16-18UNF	G	93,2	3,67	F	53,1	2,09	C	22,0	0,87	I	23,8	0,94	E	28,0	1,10	0,15	0,33
	M FIRG 14 3/8 SAE	M FIRG7 3/8 SAE	Male 800804001						D	50,9	2,00	B	22,0	0,87	H	23,8	0,94	J	16,1	0,63	0,09	0,20
3/8"	F FIRG 38 1/2 SAE	F FIRG9 1/2 SAE	Female 800804002	10	3/4-16UNF	G	116,2	4,57	F	69,2	2,72	C	27,0	1,06	I	29,0	1,14	E	32,0	1,26	0,24	0,54
	M FIRG 38 1/2 SAE	M FIRG9 1/2 SAE	Male 800804003						D	62,5	2,46	B	27,0	1,06	H	29,0	1,14	J	19,7	0,78	0,14	0,31
3/8"	F FIRG 12 5/8 SAE	F FIRG9 5/8 SAE	Female 800804004	10	7/8-14UNF	G	119,7	4,71	F	71,2	2,80	C	30,0	1,18	I	32,0	1,26	E	32,0	1,26	0,26	0,57
	M FIRG 12 5/8 SAE	M FIRG9 5/8 SAE	Male 800804005						D	64,0	2,52	B	30,0	1,18	H	32,0	1,26	J	19,7	0,78	0,15	0,32
1/2"	F FIRG 12A 5/8 SAE	F FIRG13 5/8 SAE	Female 800804006	12,5	7/8-14UNF	G	129,0	5,08	F	76,3	3,00	C	32,0	1,26	I	33,8	1,33	E	38,0	1,50	0,38	0,83
	M FIRG 12A 5/8 SAE	M FIRG13 5/8 SAE	Male 800804007						D	70,0	2,76	B	32,0	1,26	H	33,8	1,33	J	24,5	0,96	0,23	0,51
1/2"	F FIRG 34 SAE	F FIRG13 3/4 SAE	Female 800804008	12,5	1-1/16-12UN	G	138,0	5,43	F	83,3	3,28	C	36,0	1,42	I	38,5	1,52	E	38,0	1,50	0,42	0,93
	M FIRG 34 SAE	M FIRG13 3/4 SAE	Male 800804009						D	72,0	2,83	B	36,0	1,42	H	38,5	1,52	J	24,5	0,96	0,23	0,51
5/8"	F FIRG 34B SAE	F FIRG15 3/4 SAE	Female 800804010	16	1-1/16-12UN	G	137,9	5,43	F	83,5	3,29	C	36,0	1,42	I	38,5	1,52	E	42,0	1,65	0,50	1,10
	M FIRG 34B SAE	M FIRG15 3/4 SAE	Male 800804011						D	72,0	2,83	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,27	0,59
3/4"	F FIRG 34A SAE	F FIRG17 3/4 SAE	Female 800804020	19	1-1/16-12UN	G	149,0	5,87	F	88,7	3,49	C	41,0	1,61	I	44,8	1,76	E	48,0	1,89	0,75	1,64
	M FIRG 34A SAE	M FIRG17 3/4 SAE	Male 800804021						D	82,3	3,24	B	41,0	1,61	H	44,8	1,76	J	30,0	1,18	0,44	0,97
3/4"	F FIRG 100 SAE	F FIRG17 1 SAE	Female 800804012	19	1-5/16-12UN	G	153,5	6,04	F	93,2	3,67	C	45,0	1,77	I	47,8	1,88	E	48,0	1,89	0,77	1,69
	M FIRG 100 SAE	M FIRG17 1 SAE	Male 800804013						D	82,3	3,24	B	46,0	1,77	H	47,8	1,88	J	30,0	1,18	0,39	0,87
1"	F FIRG 114 SAE	F FIRG21 1-1/4 SAE	Female 800804014	25	1-5/8-12UN	G	172,8	6,80	F	106,0	4,17	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,22	2,68
	M FIRG 114 SAE	M FIRG21 1-1/4 SAE	Male 800804015						D	89,8	3,54	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,64	1,41
1-1/2"	F FIRG 112 SAE	F FIRG30 1-1/2 SAE	Female 800804016	38	1-7/8-12UN	G	214,9	8,46	F	132,4	5,21	C	65,0	2,56	I	72,0	2,83	E	80,0	3,15	2,82	6,22
	M FIRG 112 SAE	M FIRG30 1-1/2 SAE	Male 800804017						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,66	3,65
2"	F FIRG 200 SAE	F FIRG45 2 SAE	Female 800804018	51	2-1/2-12UN	G	241,5	9,51	F	156,6	6,17	C	80,0	3,15	I	88,5	3,48	E	100,0	3,94	5,10	11,24
	M FIRG 200 SAE	M FIRG45 2 SAE	Male 800804019						D	123,8	4,87	B	75,0	2,95	H	83,5	3,29	J	73,0	2,87	2,26	4,98

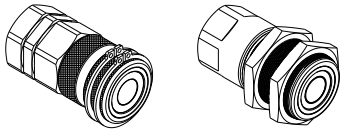
Panel mounting

FIRG Series is available upon request also as panel mounting version:

BC: Snap Ring Solution
Grooves on the male body and on the female sleeve.

BT: Lock Ring Solution
Thread on the male body and female body.

Using the BC and BT versions mounted on the panel, you obtain the breakaway function, avoiding damages of the hydraulic connections in case of strong axial force during unintended disconnection.

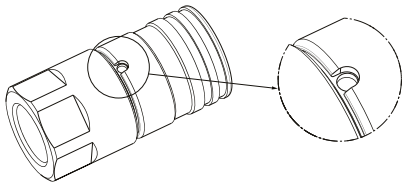


BC **BT**

SS version

For specific cases, FIRG Series is available upon request without the safety lock ball.

For additional information, please contact Stucchi Technical Support.

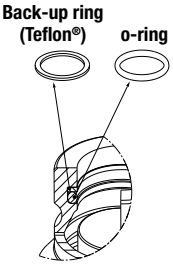


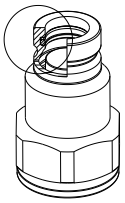


SPARE KIT SEAL FOR MALE

Repair kit / OR+BK			
Body Size	Description		Part Number
	OLD	NEW	
1/4”	M FIRG14	M FIRG7	815700519
3/8”	M FIRG38-12	M FIRG9	815700337
1/2”	M FIRG12A-34	M FIRG13	815700339
5/8”	M FIRG34B	M FIRG15	815700341
3/4”	M FIRG100-34A	M FIRG17	815700343
1”	M FIRG114	M FIRG21	815700345
1-1/2”	M FIRG112	M FIRG30	815700521
2”	M FIRG200	M FIRG45	815700796

O-Ring in Nitrile
BackUp in Teflon®

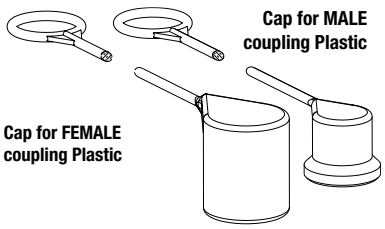




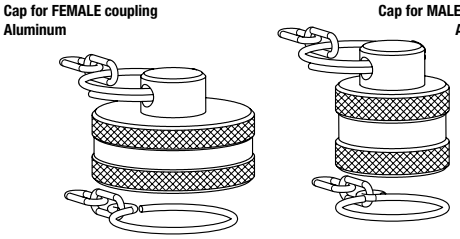
PROTECTIVE CAPS FOR FIRG SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.
For the FIRG series are available three kind of materials:

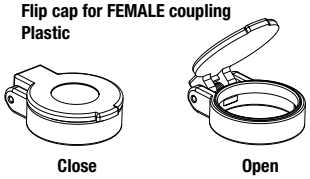
- plastic caps with lanyard (standard color: red, other colors available upon request)
- aluminum caps with lanyard (standard colors: natural aluminum, other colors available upon request)
- plastic caps, clip system (standard color: red, other colors available upon request)



Protective Cap						
Body Size	Port Size	Description		Part number		Material/Color
		OLD	NEW	Cap for Female	Cap for Male	
1/4”	1/4”	FIRG14	FIRG7	815100000	815100023	Plastic/Red
3/8”	3/8”	FIRG38	FIRG9	815100002	815100025	Plastic/Red
3/8”	1/2”	FIRG12	FIRG9	815100002	815100027	Plastic/Red
1/2”	1/2”	FIRG12A	FIRG13	815100004	815100029	Plastic/Red
1/2”	3/4”	FIRG34	FIRG13	815100006	815100031	Plastic/Red
5/8”	3/4”	FIRG34B	FIRG15	815100008	815100011	Plastic/Red
3/4”	3/4”	FIRG34A	FIRG17	815100010	815100013	Plastic/Red
3/4”	1"	FIRG100	FIRG17	815100010	815100013	Plastic/Red
1”	1-1/4"	FIRG114	FIRG21	815100012	815100015	Plastic/Red



Protective Cap					
Body Size	Description		Part Number		Material/Color
	OLD	NEW	Cap for Female	Cap for Male	
1/4”	FIRG14	FIRG7	816005002	816005003	Aluminum/Natural
3/8”	FIRG38-12	FIRG9	816005004	816005005	Aluminum/Natural
1/2”	FIRG12A-34	FIRG13	816005006	816005007	Aluminum/Natural
5/8"	FIRG34B	FIRG15	816005008	816005009	Aluminum/Natural
3/4”	FIRG100-34A	FIRG17	816005010	816005011	Aluminum/Natural
1”	FIRG114	FIRG21	816005012	816005013	Aluminum/Natural
1-1/2”	FIRG112	FIRG30	815105014	815105017	Aluminum/Natural
2"	FIRG200	FIRG45	815105016	815105019	Aluminum/Natural



Protective Cap				
Body Size	Description		Part Number	Material/Color
	OLD	NEW	Cap for Female	
3/8”	FIRG38-12	FIRG9	815200002	Plastic/Red
1/2”	FIRG12A-34	FIRG13	815200004	Plastic/Red
5/8”	FIRG34B	FIRG15	815200006	Plastic/Red
3/4”	FIRG100-34A	FIRG17	815200008	Plastic/Red

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