FIRG-QSERIES

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-FKM (VITON®)-EPDM-KALREZ®

Connection system
Push

Available sizes
from 1/4"
to 2"

Material /treatment
Carbon steel+Stainless steel/ QPQ

Available threads
BSP - NPT

Operating pressure
Up to 300 bar

Locking mechanism
Locking ball + Safety Lock

Flow rate
Up to 1000 l/min

Temperature (°C)
different seals with a range of -40°C / +300°C

Valving style
Flat face

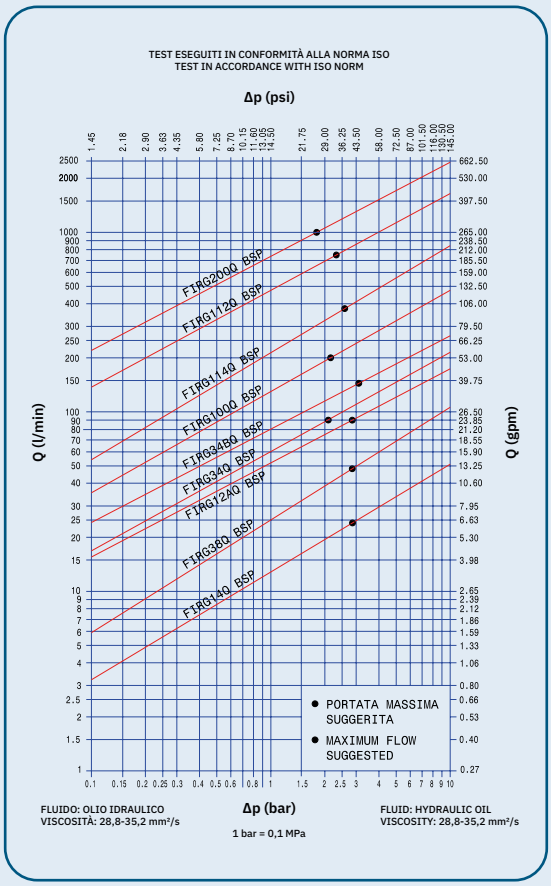
Connection under pressure
Connection: not allowed
Disconnection: not allowed

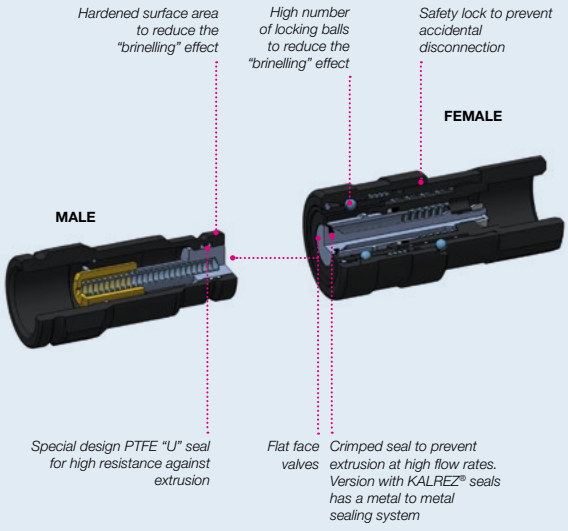
BENEFITS

- 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.
- Superior corrosion resistance compared to zinc plating in specific corrosive environments.
- External parts in carbon steel with QPQ, valving in AISI303.
- Good resistance to pressure impulses.
- 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.
- Provide an adequate maintenance of the parts (washing with clear water, lubricating and greasing the QPQ surface) to prolongue the life in corrosive environment.





MAIN APPLICATIONS



FIRG-QSERIES

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	FIRG14Q	FIRG7Q	24	6,36	130	29,25	45	10,13	0,01
3/8	10,0	FIRG38Q-12Q	FIRG9Q	46	12,19	160	36,00	35	7,88	0,01
1/2	12,5	FIRG12AQ-34Q	FIRG13Q	90	23,85	240	54,00	65	14,63	0,02
5/8	16,0	FIRG34BQ	FIRG15Q	148	39,22	190	42,75	60	13,50	0,02
3/4	19,0	FIRG100Q	FIRG17Q	200	53,00	220	49,50	70	15,75	0,03
1	25,0	FIRG114Q	FIRG21Q	378	100,17	310	69,75	100	22,50	0,03
1-1/2	38,0	FIRG112Q	FIRG30Q	750	198,75	400	90,00	100	22,50	0,05
2	51,0	FIRG200Q	FIRG45Q	1000	265,00	370	83,25	70	15,75	0,1

Data valid for couplings with NBR, FKM (VITON®), EPDM seals

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	FIRG14Q	FIRG7Q	30	4350	30	4350	12	1740	120	17400	120	17400	48	6960
3/8	FIRG38Q-12Q	FIRG9Q	30	4350	30	4350	15	2175	120	17400	120	17400	60	8700
1/2	FIRG12AQ-34Q	FIRG13Q	25	3625	25	3625	12	1740	100	14500	100	14500	48	6960
5/8	FIRG34BQ	FIRG15Q	25	3625	25	3625	12	1740	100	14500	100	14500	48	6960
3/4	FIRG100Q	FIRG17Q	25	3625	25	3625	10	1450	100	14500	90	13050	40	5800
1	FIRG114Q	FIRG21Q	25	3625	25	3625	10	1450	100	14500	90	13050	40	5800
1-1/2	FIRG112Q	FIRG30Q	20	2900	20	2900	8	1160	60	8700	60	8700	32	4640
2	FIRG200Q	FIRG45Q	20	2900	20	2900	8	1160	60	8700	60	8700	32	4640

Data valid for couplings with KALREZ® - SEALS FOR HIGH TEMPERATURE

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	FIRG14QK	FIRG7QK	5	725	5	725	5	725	120	17400	120	17400	40	5800
3/8	FIRG38Q-12QK	FIRG9QK	5	725	5	725	5	725	120	17400	120	17400	48	6960
1/2	FIRG12AQ-34QK	FIRG13QK	5	725	5	725	5	725	100	14500	100	14500	48	6960
5/8	FIRG34BQK	FIRG15QK	5	725	5	725	5	725	100	14500	100	14500	40	5800
3/4	FIRG100QK	FIRG17QK	5	725	5	725	5	725	100	14500	90	13050	60	8700
1	FIRG114QK	FIRG21QK	5	725	5	725	5	725	100	14500	90	13050	60	8700
1-1/2	FIRG112QK	FIRG30QK	5	725	5	725	5	725	40	5800	40	5800	32	4640
2	FIRG200QK	FIRG45QK	5	725	5	725	5	725	40	5800	40	5800	32	4640

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

Temperature range:

FIRG QN - NBR (Nitrile) seals: from -20 °C to +100 °C (from -4 °F to +212 °F).
Seals in NBR (Nitrile) with water: from +5°C to +60°C (from +41°F to +140°F).
FIRG QV - FKM (VITON®) seals: from -15°C to +180°C (from +5 °F to +356 °F).
FIRG QE - EPDM (Ethylene Propylene) seals: from -40°C to +150°C (from -40 °F to +302 °F).
FIRG QK - KALREZ® seals: from -25°C to +300°C (from -13 °F to +572 °F).

The couplings with KALREZ® seals for high temperature use can be used at max. operating pressure of 5 Mpa (725 psi).

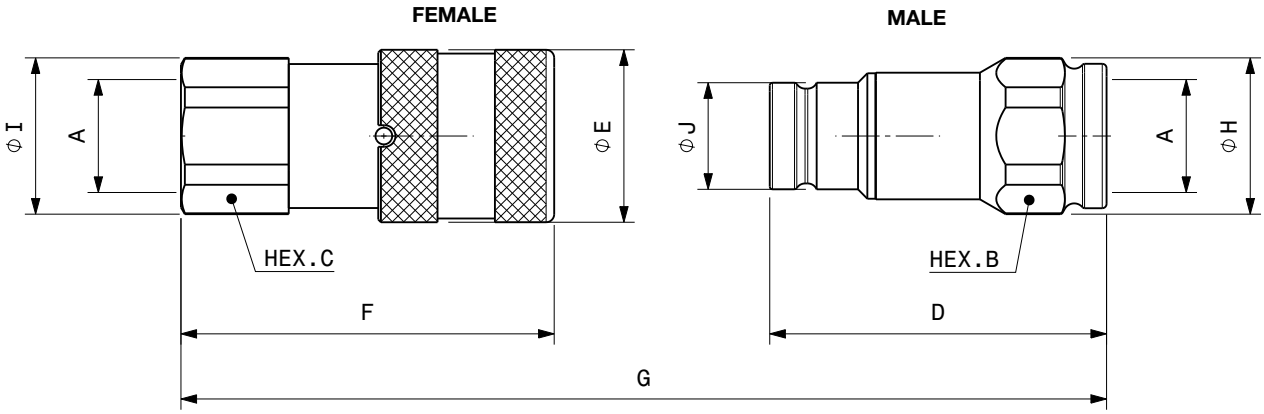
Please read carefully Instructions and warnings for proper selection of the products.

Tests:

The couplings have been tested at max. operating pressure 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).
Do not use with fluids below the freezing point to avoid damages due to ice expansion and consequential extrusion of the valving.
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.



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

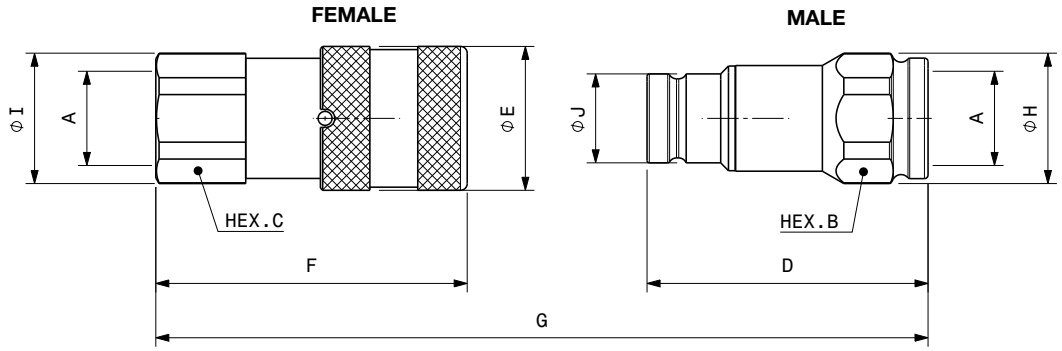
Body Size	Descriptive Code OLD	Descriptive Code NEW	Item Code*	ISO DN	PORT (A)	Overall Length			Length			Hex			Diameter			Diameter			Weight	
							mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
1/4"	F FIRG14Q BSP	F FIRG7Q BSP	Female	6,3	1/4"	G	85,2	3,35	F	48,1	1,89	C	22,0	0,87	I	24,0	0,94	E	28,0	1,10	0,14	0,31
	M FIRG14Q BSP	M FIRG7Q BSP	Male						D	47,9	1,89	B	22,0	0,87	H	23,8	0,94	J	16,0	0,63	0,09	0,19
3/8"	F FIRG38Q BSP	F FIRG9Q BSP	Female	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	0,23	0,51
	M FIRG38Q BSP	M FIRG9Q BSP	Male						D	60,0	2,36	B	24,0	0,94	H	26,0	1,02	J	19,8	0,78	0,12	0,27
3/8"	F FIRG12Q BSP	F FIRG9Q BSP	Female	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	0,23	0,51
	M FIRG12Q BSP	M FIRG9Q BSP	Male						D	62,5	2,46	B	27,0	1,06	H	29,0	1,14	J	19,8	0,78	0,12	0,26
1/2"	F FIRG12AQ BSP	F FIRG13Q BSP	Female	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	0,37	0,82
	M FIRG12AQ BSP	M FIRG13Q BSP	Male						D	68,0	2,68	B	32,0	1,26	H	33,8	1,33	J	24,4	0,96	0,23	0,51
1/2"	F FIRG34Q BSP	F FIRG13Q BSP	Female	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	0,37	0,82
	M FIRG34Q BSP	M FIRG13Q BSP	Male						D	70,5	2,78	B	36,0	1,42	H	38,5	1,52	J	24,5	0,96	0,23	0,51
5/8"	F FIRG34BQ BSP	F FIRG15Q BSP	Female	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	0,47	1,04
	M FIRG34BQ BSP	M FIRG15Q BSP	Male						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 FIRG100Q BSP	F FIRG17Q BSP	Female	19	1"	G	153,5	6,04	F	93,2	3,67	C	46,0	1,77	I	47,8	1,88	E	48,0	1,89	0,77	1,69
	M FIRG100Q BSP	M FIRG17Q BSP	Male						D	82,3	3,24	B	46,0	1,77	H	47,8	1,88	J	30,0	1,18	0,40	0,87
1"	F FIRG114Q BSP	F FIRG21Q BSP	Female	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	1,20	2,65
	M FIRG114Q BSP	M FIRG21Q BSP	Male						D	89,8	3,54	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,64	1,42
1-1/2"	F FIRG112Q BSP	F FIRG30Q BSP	Female	38	1 1/2"	G	214,8	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 FIRG112Q BSP	M FIRG30Q BSP	Male						D	111,0	4,37	B	70,0	2,76	H	76,0	2,99	J	57,0	2,24	1,86	4,10
2"	F FIRG200Q BSP	F FIRG45Q BSP	Female	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	-	-
	M FIRG200Q BSP	M FIRG45Q BSP	Male						D	123,8	4,87	B	75,0	2,95	H	83,5	3,29	J	73,0	2,87	-	-

* For specific item code see “different seals configurations” page at the end of this section.

Size 1/8" available upon request.

FIRG-QSERIES

Stucchi®



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	mm	in	Length	mm	in	Hex	mm	in	Diameter	mm	in	Diameter	mm	in	Weight kg	Weight lb
1/4"	F FIRG14Q NPT	F FIRG7Q NPT	Female	6,3	1/4"	G	85,2	3,35	F	48,1	1,89	C	22,0	0,87	I	24,0	0,94	E	28,0	1,10	0,14	0,30
	M FIRG14Q NPT	M FIRG7Q NPT	Male						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 FIRG38Q NPT	F FIRG9Q NPT	Female	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	0,53
	M FIRG38Q NPT	M FIRG9Q NPT	Male						D	60,0	2,36	B	24,0	0,94	H	26,0	1,02	J	19,7	0,78	0,12	0,26
3/8"	F FIRG12Q NPT	F FIRG9Q NPT	Female	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 FIRG12Q NPT	M FIRG9Q NPT	Male						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 FIRG12AQ NPT	F FIRG13Q NPT	Female	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	0,85
	M FIRG12AQ NPT	M FIRG13Q NPT	Male						D	68,0	2,68	B	32,0	1,26	H	33,8	1,33	J	24,5	0,96	0,24	0,53
1/2"	F FIRG34Q NPT	F FIRG13Q NPT	Female	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	0,43	0,95
	M FIRG34Q NPT	M FIRG13Q NPT	Male						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 FIRG34BQ NPT	F FIRG15Q NPT	Female	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	0,47	1,04
	M FIRG34BQ NPT	M FIRG15Q NPT	Male						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 FIRG100Q NPT	F FIRG17Q NPT	Female	19	1"	G	153,5	6,04	F	93,2	3,67	C	46,0	1,77	I	47,8	1,88	E	48,0	1,89	0,77	1,69
	M FIRG100Q NPT	M FIRG17Q NPT	Male						D	82,3	3,24	B	46,0	1,77	H	47,8	1,88	J	30,0	1,18	0,41	0,90
1"	F FIRG114Q NPT	F FIRG21Q NPT	Female	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	1,24	2,73
	M FIRG114Q NPT	M FIRG21Q NPT	Male						D	89,8	3,54	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,65	1,42
1-1/2"	F FIRG112Q NPT	F FIRG30Q NPT	Female	38	1 1/2"	G	214,8	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 FIRG112Q NPT	M FIRG30Q NPT	Male						D	111,0	4,37	B	70,0	2,76	H	76,0	2,99	J	57,0	2,24	1,87	4,11
2"	F FIRG200Q NPT	F FIRG45Q NPT	Female	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	-	-
	M FIRG200Q NPT	M FIRG45Q NPT	Male						D	123,8	4,87	B	75,0	2,95	H	83,5	3,29	J	73,0	2,87	-	-

* For specific item code see “different seals configurations” page at the end of this section.

Size 1/8" available upon request.

Panel mounting

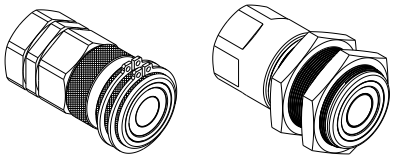
FIRG-Q Series is available upon request also as panel mounting version:

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.

For specific codes, dimensions or any other information, please contact Stucchi Technical Support.

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.

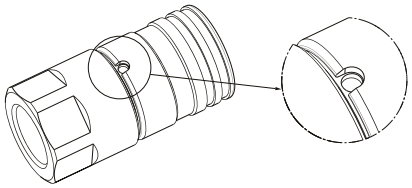


BC **BT**

SS version

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

For additional information, please contact Stucchi Technical Support.



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

Different seals configurations

BODY	ISO	PORT (A)	NITRIL SEALS			FKM (VITON®) SEALS			EPDM SEALS			KALREZ® SEALS		
				Descriptive Code			Descriptive Code			Descriptive Code			Descriptive Code	
SIZE	DN		Item Code	OLD	NEW	Item Code	OLD	NEW	Item Code	OLD	NEW	Item Code	OLD	NEW
1/4"	6,3	1/4"	800900000	F FIRG14QN BSP	F FIRG7QN 1/4 BSP	800900100	F FIRG14QV BSP	F FIRG7QV 1/4 BSP	800900200	F FIRG14QE BSP	F FIRG7QE 1/4 BSP	800900704 ◆	F FIRG14QK BSP	F FIRG7QK 1/4 BSP
			800900001	M FIRG14QN BSP	M FIRG7QN 1/4 BSP	800900101	M FIRG14QV BSP	M FIRG7QV 1/4 BSP	800900201	M FIRG14QE BSP	M FIRG7QE 1/4 BSP	800900705 ◆	M FIRG14QK BSP	M FIRG7QK 1/4 BSP
3/8"	10	3/8"	800900002	F FIRG38QN BSP	F FIRG9QN 3/8 BSP	800900102	F FIRG38QV BSP	F FIRG9QV 3/8 BSP	800900202	F FIRG38QE BSP	F FIRG9QE 3/8 BSP	800900708 ◆	F FIRG38QK BSP	F FIRG9QK 3/8 BSP
			800900003	M FIRG38QN BSP	M FIRG9QN 3/8 BSP	800900103	M FIRG38QV BSP	M FIRG9QV 3/8 BSP	800900203	M FIRG38QE BSP	M FIRG9QE 3/8 BSP	800900709 ◆	M FIRG38QK BSP	M FIRG9QK 3/8 BSP
3/8"	10	1/2"	800900004	F FIRG12QN BSP	F FIRG9QN 1/2 BSP	800900104	F FIRG12QV BSP	F FIRG9QV 1/2 BSP	800900204	F FIRG12QE BSP	F FIRG9QE 1/2 BSP	800900710 ◆	F FIRG12QK BSP	F FIRG9QK 1/2 BSP
			800900005	M FIRG12QN BSP	M FIRG9QN 1/2 BSP	800900105	M FIRG12QV BSP	M FIRG9QV 1/2 BSP	800900205	M FIRG12QE BSP	M FIRG9QE 1/2 BSP	800900711 ◆	M FIRG12QK BSP	M FIRG9QK 1/2 BSP
1/2"	12,5	1/2"	800900006	F FIRG12AQN BSP	F FIRG13QN 1/2 BSP	800900106	F FIRG12AQV BSP	F FIRG13QV 1/2 BSP	800900206	F FIRG12AQE BSP	F FIRG13QE 1/2 BSP	800900700 ◆	F FIRG12AQK BSP	F FIRG13QK 1/2 BSP
			800900007	M FIRG12AQN BSP	M FIRG13QN 1/2 BSP	800900107	M FIRG12AQV BSP	M FIRG13QV 1/2 BSP	800900207	M FIRG12AQE BSP	M FIRG13QE 1/2 BSP	800900701 ◆	M FIRG12AQK BSP	M FIRG13QK 1/2 BSP
1/2"	12,5	3/4"	800900008	F FIRG34QN BSP	F FIRG13QN 3/4 BSP	800900108	F FIRG34QV BSP	F FIRG13QV 3/4 BSP	800900208	F FIRG34QE BSP	F FIRG13QE 3/4 BSP	800900712 ◆	F FIRG34QK BSP	F FIRG13QK 3/4 BSP
			800900009	M FIRG34QN BSP	M FIRG13QN 3/4 BSP	800900109	M FIRG34QV BSP	M FIRG13QV 3/4 BSP	800900209	M FIRG34QE BSP	M FIRG13QE 3/4 BSP	800900713 ◆	M FIRG34QK BSP	M FIRG13QK 3/4 BSP
5/8"	16	3/4"	800900010	F FIRG34BQN BSP	F FIRG15QN 3/4 BSP	800900110	F FIRG34BQV BSP	F FIRG15QV 3/4 BSP	800900210	F FIRG34BQE BSP	F FIRG15QE 3/4 BSP	800900716 ◆	F FIRG34BQK BSP	F FIRG15QK 3/4 BSP
			800900011	M FIRG34BQN BSP	M FIRG15QN 3/4 BSP	800900111	M FIRG34BQV BSP	M FIRG15QV 3/4 BSP	800900211	M FIRG34BQE BSP	M FIRG15QE 3/4 BSP	800900717 ◆	M FIRG34BQK BSP	M FIRG15QK 3/4 BSP
3/4"	19	1"	800900012	F FIRG100QN BSP	F FIRG17QN 1 BSP	800900112	F FIRG100QV BSP	F FIRG17QV 1 BSP	800900212	F FIRG100QE BSP	F FIRG17QE 1 BSP	800900702 ◆	F FIRG100QK BSP	F FIRG17QK 1 BSP
			800900013	M FIRG100QN BSP	M FIRG17QN 1 BSP	800900113	M FIRG100QV BSP	M FIRG17QV 1 BSP	800900213	M FIRG100QE BSP	M FIRG17QE 1 BSP	800900703 ◆	M FIRG100QK BSP	M FIRG17QK 1 BSP
1"	25	1-1/4"	800900014	F FIRG114QN BSP	F FIRG21QN 1-1/4 BSP	800900114	F FIRG114QV BSP	F FIRG21QV 1-1/4 BSP	800900214 ◆	F FIRG114QE BSP	F FIRG21QE 1-1/4 BSP	800900706 ◆	F FIRG114QK BSP	F FIRG21QK 1-1/4 BSP
			800900015	M FIRG114QN BSP	M FIRG21QN 1-1/4 BSP	800900115	M FIRG114QV BSP	M FIRG21QV 1-1/4 BSP	800900215 ◆	M FIRG114QE BSP	M FIRG21QE 1-1/4 BSP	800900707 ◆	M FIRG114QK BSP	M FIRG21QK 1-1/4 BSP
1-1/2"	38	1-1/2"	800900016 ◆	F FIRG112QN BSP	F FIRG30QN 1-1/2 BSP	800900116	F FIRG112QV BSP	F FIRG30QV 1-1/2 BSP	800900216 ◆	F FIRG112QE BSP	F FIRG30QE 1-1/2 BSP	800900718 ◆	F FIRG112QK BSP	F FIRG30QK 1-1/2 BSP
			800900017 ◆	M FIRG112QN BSP	M FIRG30QN 1-1/2 BSP	800900117	M FIRG112QV BSP	M FIRG30QV 1-1/2 BSP	800900217 ◆	M FIRG112QE BSP	M FIRG30QE 1-1/2 BSP	800900719 ◆	M FIRG112QK BSP	M FIRG30QK 1-1/2 BSP
2"	51	2"	800900022 ◆	F FIRG200QN BSP	F FIRG45QN 2 BSP	800900120 ◆	F FIRG200QV BSP	F FIRG45QV 2 BSP	800900218 ◆	F FIRG200QE BSP	F FIRG45QE 2 BSP	800900722 ◆	F FIRG200QK BSP	F FIRG45QK 2 BSP
			800900023 ◆	M FIRG200QN BSP	M FIRG45QN 2 BSP	800900121 ◆	M FIRG200QV BSP	M FIRG45QV 2 BSP	800900219 ◆	M FIRG200QE BSP	M FIRG45QE 2 BSP	800900723 ◆	M FIRG200QK BSP	M FIRG45QK 2 BSP

◆ Available upon request.

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

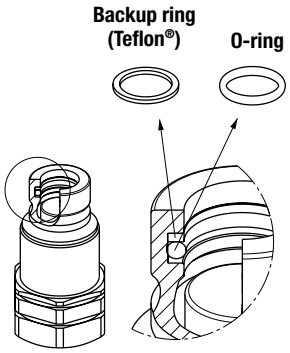
BODY	ISO	PORT (A)	NITRIL SEALS			FKM (VITON®) SEALS			EPDM SEALS		
				Descriptive Code			Descriptive Code			Descriptive Code	
SIZE	DN		Item Code	OLD	NEW	Item Code	OLD	NEW	Item Code	OLD	NEW
1/4"	6,3	1/4"	800901000	F FIRG14QN NPT	F FIRG7QN 1/4 NPT	800901100	F FIRG14QV NPT	F FIRG7QV 1/4 NPT	800901200 ◆	F FIRG14QE NPT	F FIRG7QE 1/4 NPT
			800901001	M FIRG14QN NPT	M FIRG7QN 1/4 NPT	800901101	M FIRG14QV NPT	M FIRG7QV 1/4 NPT	800901201 ◆	M FIRG14QE NPT	M FIRG7QE 1/4 NPT
3/8"	10	3/8"	800901002	F FIRG38QN NPT	F FIRG9QN 3/8 NPT	800901102	F FIRG38QV NPT	F FIRG9QV 3/8 NPT	800901202	F FIRG38QE NPT	F FIRG9QE 3/8 NPT
			800901003	M FIRG38QN NPT	M FIRG9QN 3/8 NPT	800901103	M FIRG38QV NPT	M FIRG9QV 3/8 NPT	800901203	M FIRG38QE NPT	M FIRG9QE 3/8 NPT
3/8"	10	1/2"	800901004	F FIRG12QN NPT	F FIRG9QN 1/2 NPT	800901104	F FIRG12QV NPT	F FIRG9QV 1/2 NPT	800901204 ◆	F FIRG12QE NPT	F FIRG9QE 1/2 NPT
			800901005	M FIRG12QN NPT	M FIRG9QN 1/2 NPT	800901105	M FIRG12QV NPT	M FIRG9QV 1/2 NPT	800901205 ◆	M FIRG12QE NPT	M FIRG9QE 1/2 NPT
1/2"	12,5	1/2"	800901006	F FIRG12AQN NPT	F FIRG13QN 1/2 NPT	800901106	F FIRG12AQV NPT	F FIRG13QV 1/2 NPT	800901206	F FIRG12AQE NPT	F FIRG13QE 1/2 NPT
			800901007	M FIRG12AQN NPT	M FIRG13QN 1/2 NPT	800901107	M FIRG12AQV NPT	M FIRG13QV 1/2 NPT	800901207	M FIRG12AQE NPT	M FIRG13QE 1/2 NPT
1/2"	12,5	3/4"	800901008	F FIRG34QN NPT	F FIRG13QN 3/4 NPT	800901108 ◆	F FIRG34QV NPT	F FIRG13QV 3/4 NPT	800901208	F FIRG34QE NPT	F FIRG13QE 3/4 NPT
			800901009	M FIRG34QN NPT	M FIRG13QN 3/4 NPT	800901109 ◆	M FIRG34QV NPT	M FIRG13QV 3/4 NPT	800901209	M FIRG34QE NPT	M FIRG13QE 3/4 NPT
5/8"	16	3/4"	800901010	F FIRG34BQN NPT	F FIRG15QN 3/4 NPT	800901110	F FIRG34BQV NPT	F FIRG15QV 3/4 NPT	800901210 ◆	F FIRG34BQE NPT	F FIRG15QE 3/4 NPT
			800901011	M FIRG34BQN NPT	M FIRG15QN 3/4 NPT	800901111	M FIRG34BQV NPT	M FIRG15QV 3/4 NPT	800901211 ◆	M FIRG34BQE NPT	M FIRG15QE 3/4 NPT
3/4"	19	1"	800901012	F FIRG100QN NPT	F FIRG17QN 1 NPT	800901112	F FIRG100QV NPT	F FIRG17QV 1 NPT	800901212 ◆	F FIRG100QE NPT	F FIRG17QE 1 NPT
			800901013	M FIRG100QN NPT	M FIRG17QN 1 NPT	800901113	M FIRG100QV NPT	M FIRG17QV 1 NPT	800901213 ◆	M FIRG100QE NPT	M FIRG17QE 1 NPT
1"	25	1-1/4"	800901014	F FIRG114QN NPT	F FIRG21QN 1-1/4 NPT	800901114	F FIRG114QV NPT	F FIRG21QV 1-1/4 NPT	800901214 ◆	F FIRG114QE NPT	F FIRG21QE 1-1/4 NPT
			800901015	M FIRG114QN NPT	M FIRG21QN 1-1/4 NPT	800901115	M FIRG114QV NPT	M FIRG21QV 1-1/4 NPT	800901215 ◆	M FIRG114QE NPT	M FIRG21QE 1-1/4 NPT
1-1/2"	38	1-1/2"	800901016	F FIRG112QN NPT	F FIRG30QN 1-1/2 NPT	800901116 ◆	F FIRG112QV NPT	F FIRG30QV 1-1/2 NPT	800901216 ◆	F FIRG112QE NPT	F FIRG30QE 1-1/2 NPT
			800901017	M FIRG112QN NPT	M FIRG30QN 1-1/2 NPT	800901117 ◆	M FIRG112QV NPT	M FIRG30QV 1-1/2 NPT	800901217 ◆	M FIRG112QE NPT	M FIRG30QE 1-1/2 NPT
2"	51	2"	800901018 ◆	F FIRG200QN NPT	F FIRG45QN 2 NPT	800901118 ◆	F FIRG200QV NPT	F FIRG45QV 2 NPT			
			800901019 ◆	M FIRG200QN NPT	M FIRG45QN 2 NPT	800901119 ◆	M FIRG200QV NPT	M FIRG45QV 2 NPT			

◆ Available upon request.



SPARE KIT SEAL FOR MALE

Repair kit / OR+BK			
Body Size	Description		Part Number
	OLD	NEW	
1/4”	M FIRG14Q	M FIRG7Q	815700519
3/8”	M FIRG38Q-12Q	M FIRG9Q	815700337
1/2”	M FIRG12AQ-34Q	M FIRG13Q	815700339
5/8”	M FIRG34BQ	M FIRG15Q	815700341
3/4”	M FIRG100Q	M FIRG17Q	815700343
1”	M FIRG114Q	M FIRG21Q	815700345
1 1/2”	M FIRG112Q	M FIRG30Q	815700521
2"	M FIRG200Q	M FIRG45Q	815700796

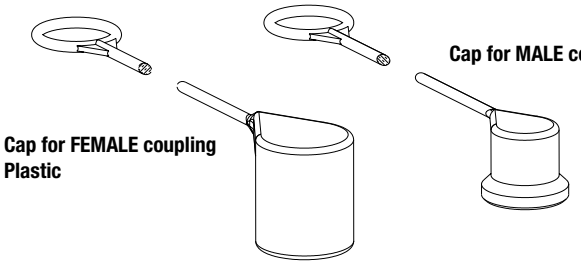


O-Ring in Nitrile
BackUp in Teflon®

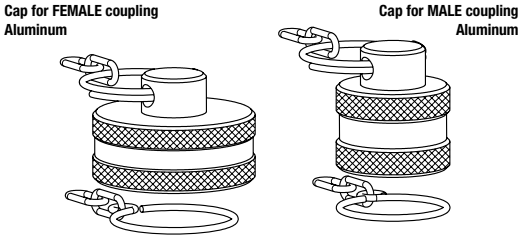
PROTECTIVE CAPS FOR FIRG-Q SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life.
For the FIRG-Q series are available two 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)



Protective Cap					
Body Size	Description		Part Number		Material/Color
	OLD	NEW	Cap for Female	Cap for Male	
1/4”	FIRG14Q	FIRG7Q	815100000	815100023	Plastic/Red
3/8”	FIRG38Q-12Q	FIRG9Q	815100002	815100027	Plastic/Red
1/2”	FIRG12AQ-34Q	FIRG13Q	815100006	815100031	Plastic/Red
5/8”	FIRG34BQ	FIRG15Q	815100008	815100011	Plastic/Red
3/4”	FIRG100Q	FIRG17Q	815100010	815100013	Plastic/Red
1”	FIRG114Q	FIRG21Q	815100012	815100015	Plastic/Red



Protective Cap					
Body Size	Description		Part Number		Material/Color
	OLD	NEW	Cap for Female	Cap for Male	
1/4”	FIRG14Q	FIRG7Q	816005002	816005003	Aluminum/Natural
3/8”	FIRG38Q-12Q	FIRG9Q	816005004	816005005	Aluminum/Natural
1/2”	FIRG12AQ-34Q	FIRG13Q	816005006	816005007	Aluminum/Natural
5/8”	FIRG34BQ	FIRG15Q	816005008	816005009	Aluminum/Natural
3/4”	FIRG100Q	FIRG17Q	816005010	816005011	Aluminum/Natural
1”	FIRG114Q	FIRG21Q	816005012	816005013	Aluminum/Natural

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