A NEWSERIES

INTERCHANGE > **ISO 16028**



TECHNICAL FEATURES AND OPTIONS

Interchange
ISO 16028

Sealing description
Nitrile NBR

Connection system
Push

Available sizes
5/8", 3/4", 1", 1-1/4", 1-1/2"

Material /treatment
Carbon steel (Zn-Ni version available)

Available threads
BSP - NPT - SAE METRIC

Operating pressure
Up to 350 bar

Locking mechanism
Locking ball + Safety Lock

Flow rate
Up to 750 l/min

Temperature (°C)
-20°C / +100°C

Valving style
Flat face

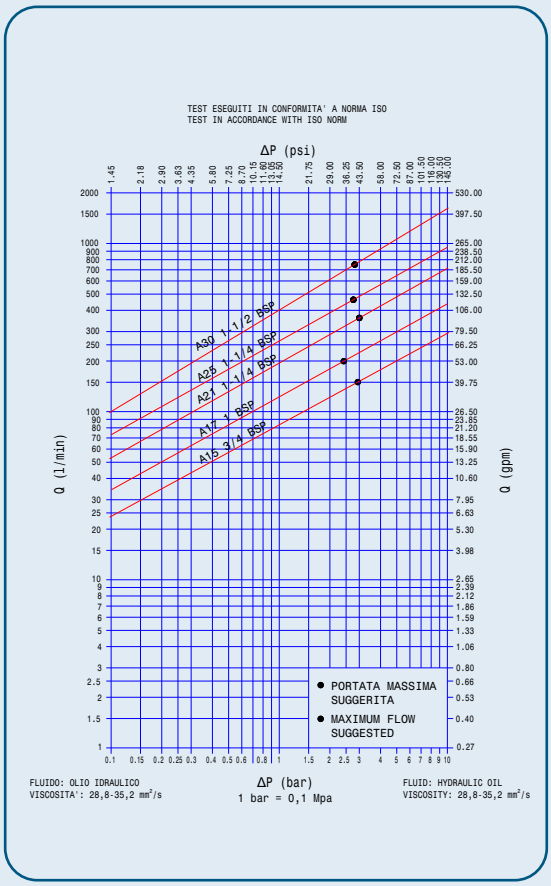
Connection under pressure
Connection: not allowed
Disconnection: not allowed

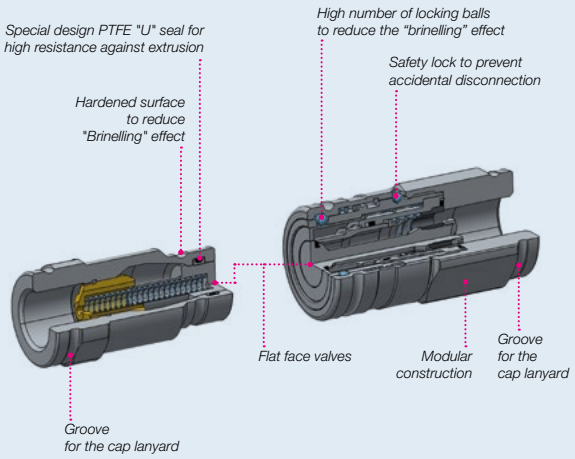
BENEFITS

- 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.
- Internal valve design creates minimal pressure drop, maintaining circuit efficiency in the system.
- The modular design allows flexibility with a wide range of configurations.
- Good resistance to pressure impulses.
- Compact slim design.
- Safe and simple to use.

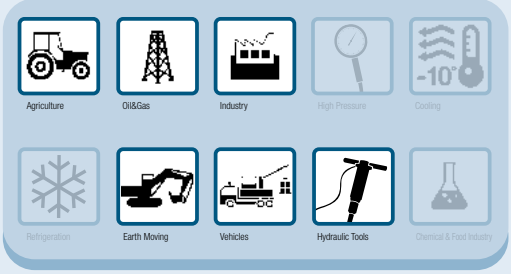
HOW TO USE

- 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 pull back the sleeve.





MAIN APPLICATIONS



PERFORMANCES

Size	ISO Size	Series	Max. flow suggested Max. portata suggerita		Connect force		Disconnect force		Spillage*
in	mm (ISO)		l/min	gpm	N	lbf	N	lbf	ml
5/8	16	A15	148	39,22	190	42,75	55	12,38	0,02
3/4	19,0	A17	200	53,00	220	49,50	70	15,75	0,03
1	25,0	A21	378	100,17	250	56,25	75	16,88	0,03
1-1/4	31,5	A25	450	119,25	350	78,75	90	20,25	0,05
1-1/2	38	A30	750	198,75	390	87,75	70	15,75	0,05

Size	ISO Size	Series	Max. operating pressure						Burst pressure					
			Coupled		Male		Female		Coupled		Male		Female	
in	mm (ISO)		MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
5/8	16	A15	35	5075	35	5075	35	5075	105	15225	105	15225	105	15225
3/4	19,0	A17	35	5075	35	5075	35	5075	105	15225	105	15225	105	15225
1	25,0	A21	35	5075	35	5075	30	4350	105	15225	105	15225	84	12180
1-1/4	31,5	A25	30	4350	30	4350	30	4350	90	13050	90	13050	84	12180
1-1/2	38	A30	27	3915	27	3915	27	3915	81	11745	81	11745	70	10150

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

Different possible configurations:
Different threads 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®): from -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 couplings coupled have been tested at max. operating pressure for 1.000.000 impulses according to ISO norm test method.
The male and female uncoupled has been tested for 100.000 impulses.

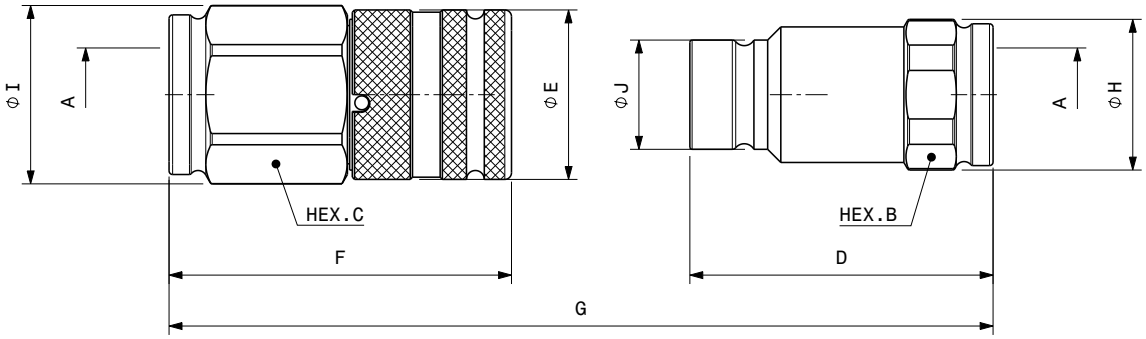
⚠ WARNING

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.

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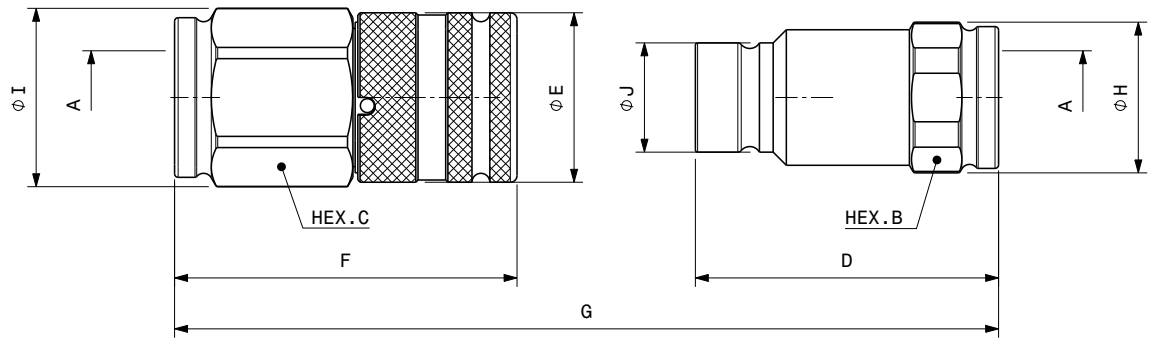
FEMALE **MALE**



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

Body Size	Descriptive Code	Part Number		ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Weight	
							mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	F A15 3/4 BSP	Female	812500004	16	3/4"	G	136,8	5,39	F	83,9	3,30	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,64	1,41
	M A15 3/4 BSP	Male	812500005						D	70,5	2,78	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,27	0,59
5/8"	F A15 1 BSP	Female	812500038	16	1"	G	145,3	5,72	F	86,9	3,42	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,64	1,41
	M A15 1 BSP	Male	812500039						D	76,0	2,99	B	41,0	1,61	H	44,8	1,76	J	27,0	1,06	0,36	0,79
3/4"	F A17 3/4 BSP	Female	812500040	19	3/4"	G	157,1	6,19	F	96,8	3,81	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,97	2,14
	M A17 3/4 BSP	Male	812500041						D	82,3	3,24	B	41,0	1,61	H	44,8	1,76	J	30,0	1,18	0,53	1,17
3/4"	F A17 1 BSP	Female	812500006	19	1"	G	159,1	6,26	F	98,8	3,89	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,94	2,07
	M A17 1 BSP	Male	812500007						D	82,3	3,24	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18	0,48	1,06
1"	F A21 3/4 BSP	Female	812500048	25	3/4"	G	176,6	6,95	F	102,8	4,05	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,44	3,17
	M A21 3/4 BSP	Male	812500049						D	96,8	3,81	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,97	2,14
1"	F A21 1 BSP	Female	812500050	25	1"	G	178,6	7,03	F	104,8	4,13	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,42	3,13
	M A21 1 BSP	Male	812500051						D	96,8	3,81	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,89	1,96
1"	F A21 1-1/4 BSP	Female	812500008	25	1-1/4"	G	172,6	6,80	F	105,8	4,17	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,35	2,98
	M A21 1-1/4 BSP	Male	812500009						D	89,8	3,54	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,64	1,40
1"	F A21 1-1/2 BSP	Female	812500046	25	1-1/2"	G	187,6	7,39	F	110,8	4,36	C	60,0	2,36	I	64,8	2,55	E	55,0	2,17	1,40	3,09
	M A21 1-1/2 BSP	Male	812500047						D	99,8	3,93	B	60,0	2,36	H	64,8	2,55	J	36,0	1,42	0,80	1,76
1-1/4"	F A25 1 BSP	Female	812500056	31,5	1"	G	196,7	7,74	F	120,0	4,72	C	55,0	2,17	I	65,0	2,56	E	65,0	2,56	2,09	4,61
	M A25 1 BSP	Male	812500057						D	100,0	3,94	B	55,0	2,17	H	49,8	1,96	J	44,0	1,73	1,13	2,49
1-1/4"	F A25 1-1/4 BSP	Female	812500014	31,5	1-1/4"	G	206,7	8,14	F	125,0	4,92	C	55,0	2,17	I	65,0	2,56	E	65,0	2,56	2,07	4,56
	M A25 1-1/4 BSP	Male	812500015						D	105,0	4,13	B	55,0	2,17	H	59,8	2,35	J	44,0	1,73	1,09	2,40
1-1/2"	F A30 1-1/4 BSP	Female	812500058	38	1-1/4"	G	214,8	8,46	F	132,3	5,21	C	65,0	2,56	I	82,0	3,23	E	80,0	3,15	3,25	7,17
	M A30 1-1/4 BSP	Male	812500059						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,75	3,86
1-1/2"	F A30 1-1/2 BSP	Female	812500016	38	1-1/2"	G	214,8	8,46	F	132,3	5,21	C	65,0	2,56	I	82,0	3,23	E	80,0	3,15	3,25	7,17
	M A30 1-1/2 BSP	Male	812500017						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,71	3,77
1-1/2"	F A30 2 BSP	Female	812500060	38	2"	G	228,3	8,99	F	137,9	5,43	C	75,0	2,95	I	82,0	3,23	E	80,0	3,15	3,33	7,34
	M A30 2 BSP	Male	812500061						D	119,0	4,69	B	75,0	2,95	H	82,0	3,23	J	57,0	2,24	1,93	4,25

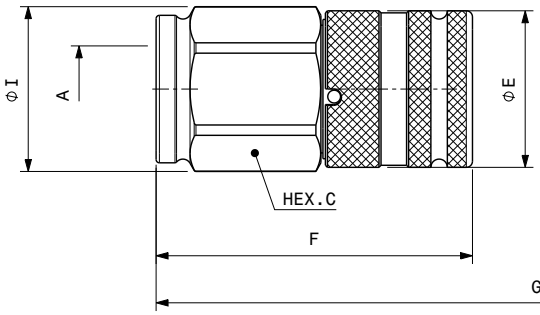
FEMALE **MALE**



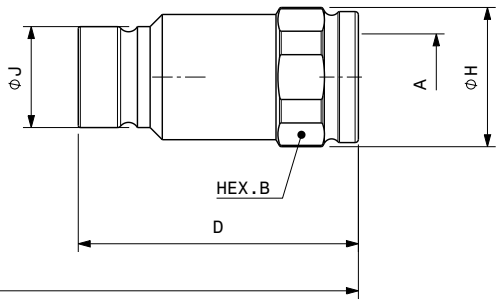
Port description: FEMALE THREAD NPT (ANSI B1.20.1)

Body Size	Descriptive Code	Part Number		ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Weight	
							mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	F A15 3/4 NPT	Female	812501008	16	3/4"	G	136,8	5,39	F	83,9	3,30	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,64	1,41
	M A15 3/4 NPT	Male	812501009						D	70,5	2,78	B	36,0	1,42	H	36,0	1,42	J	27,0	1,06	0,27	0,59
5/8"	F A15 1 NPT	Female	812501010	16	1"	G	145,3	5,72	F	86,9	3,42	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,64	1,41
	M A15 1 NPT	Male	812501011						D	76,0	2,99	B	41,0	1,61	H	44,8	1,76	J	27,0	1,06	0,36	0,79
3/4"	F A17 3/4 NPT	Female	812501014	19	3/4"	G	156,1	6,15	F	95,8	3,77	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,97	2,14
	M A17 3/4 NPT	Male	812501015						D	82,3	3,24	B	41,0	1,61	H	44,8	1,76	J	30,0	1,18	0,53	1,17
3/4"	F A17 1 NPT	Female	812501012	19	1"	G	159,1	6,26	F	98,8	3,89	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,94	2,07
	M A17 1 NPT	Male	812501013						D	82,3	3,24	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18	0,48	1,06
1"	F A21 1 NPT	Female	812501020	25	1"	G	178,6	7,03	F	104,8	4,13	C	55,0	2,17	I	59,5	2,34	E	55,0	2,17	1,45	3,20
	M A21 1 NPT	Male	812501021						D	96,8	3,81	B	55,0	2,17	H	59,5	2,35	J	36,0	1,42	0,89	1,96
1"	F A21 1-1/4 NPT	Female	812501016	25	1"	G	172,6	6,80	F	105,8	4,17	C	55,0	2,17	I	59,5	2,34	E	55,0	2,17	1,38	3,05
	M A21 1-1/4 NPT	Male	812501017						D	89,8	3,54	B	55,0	2,17	H	59,5	2,35	J	36,0	1,42	0,64	1,40
1"	F A21 1-1/2 NPT	Female	812501018	25	1-1/2"	G	187,6	7,39	F	110,8	4,36	C	60,0	2,36	I	64,8	2,55	E	55,0	2,17	1,49	3,28
	M A21 1-1/2 NPT	Male	812501019						D	99,8	3,93	B	60,0	2,36	H	64,8	2,55	J	36,0	1,42	0,80	1,76
1-1/4"	F A25 1 NPT	Female	812501056	31,5	1"	G	206,7	8,14	F	125,0	4,92	C	55,0	2,17	I	65,0	2,56	E	65,0	2,56	2,09	4,61
	M A25 1 NPT	Male	812501057						D	105,0	4,13	B	55,0	2,17	H	59,8	2,35	J	44,0	1,73	1,13	2,49
1-1/4"	F A25 1-1/4 NPT	Female	812501024	31,5	1-1/4"	G	206,7	8,14	F	125,0	4,92	C	55,0	2,17	I	65,0	2,56	E	65,0	2,56	2,09	4,61
	M A25 1-1/4 NPT	Male	812501025						D	105,0	4,13	B	55,0	2,17	H	59,8	2,35	J	44,0	1,73	1,13	2,49
1-1/2"	F A30 1-1/2 NPT	Female	812501026	38	1-1/2"	G	214,8	8,46	F	132,3	5,21	C	65,0	2,56	I	82,0	3,23	E	80,0	3,15	3,35	7,38
	M A30 1-1/2 NPT	Male	812501027						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,73	3,82
1-1/2"	F A30 2 NPT	Female	812501060	38	2"	G	228,3	8,99	F	137,9	5,43	C	82,0	3,23	I	80,0	3,15	E	80,0	3,15	3,05	6,72
	M A30 2 NPT	Male	812501061						D	119,0	4,69	B	75,0	2,95	H	82,0	3,23	J	57,0	2,24	2,02	4,45

FEMALE



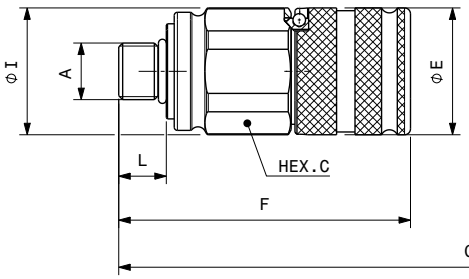
MALE



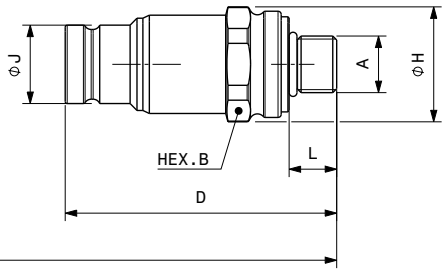
Port description: FEMALE THREAD SAE (ISO11926-1 & SAEJ1926-1)

Body Size	Descriptive Code	Part Number		ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Weight	
							mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	F A15 3/4 SAE	Female	812504014	16	1-1/16-12UN	G	138,3	5,44	F	83,9	3,30	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,64	1,41
	M A15 3/4 SAE	male	812504015						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 A17 3/4 SAE	Female	812504030	19	1-1/16-12UN	G	159,1	6,26	F	98,8	3,89	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,94	2,07
	M A17 3/4 SAE	Male	812504031						D	82,3	3,24	B	41,0	1,61	H	44,8	1,76	J	30,0	1,18	0,48	1,06
3/4"	F A17 1 SAE	Female	812504026	19	1 - 5/16 -12UN	G	159,1	6,26	F	98,8	3,89	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,94	2,07
	M A17 1 SAE	Male	812504027						D	82,3	3,24	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18	0,48	1,06
3/4"	F A17 1-1/4 SAE	Female	812504028	19	11 5/8 -12UN	G	169,1	6,66	F	103,3	4,07	C	55,0	2,17	I	59,8	2,35	E	48,0	1,89	2,09	4,61
	M A17 1-1/4 SAE	Male	812504029						D	87,8	3,46	B	55,0	2,17	H	59,8	2,35	J	30,0	1,18	1,13	2,49
1"	F A21 1 SAE	Female	812504034	21	1 - 5/16 -12UN	G	178,6	7,03	F	104,8	4,13	C	55,0	2,17	I	59,8	2,35	E	55,0	2,17	1,43	3,14
	M A21 1 SAE	Male	812504035						D	96,8	3,81	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42	0,89	1,96
1"	F A21 1-1/4 SAE	Female	812504032	21	11 5/8 -12UN	G	172,6	6,80	F	105,8	4,17	C	55,0	2,17	I	59,5	2,34	E	55,0	2,17	1,35	2,97
	M A21 1-1/4 SAE	Male	812504033						D	89,8	3,54	B	55,0	2,17	H	59,5	2,35	J	36,0	1,42	0,64	1,40
1-1/4"	F A25 1 SAE	Female	812504056	31,5	1 - 5/16 -12UN	G	206,7	8,14	F	125,0	4,92	C	55,0	2,17	I	65,0	2,56	E	65,0	2,56	4,61	10,16
	M A25 1 SAE	Male	812504057						D	105,0	4,13	B	55,0	2,17	H	59,8	2,35	J	44,0	1,73	2,49	5,49
1-1/4"	F A25 1-1/4 SAE	Female	812504058	31,5	11 5/8 -12UN	G	206,7	8,14	F	125,0	4,92	C	55,0	2,17	I	65,0	2,56	E	65,0	2,56	4,61	10,16
	M A25 1-1/4 SAE	Male	812504059						D	105,0	4,13	B	55,0	2,17	H	59,8	2,35	J	44,0	1,73	2,49	5,49
1-1/2"	F A30 1-1/2 SAE	Female	812504044	38	1 - 7/8 -12UN	G	214,8	8,46	F	132,3	5,21	C	65,0	2,56	I	82,0	3,23	E	80,0	3,15	3,24	7,15
	M A30 1-1/2 SAE	Male	812504045						D	111,1	4,37	B	65,0	2,56	H	69,8	2,75	J	57,0	2,24	1,70	3,74

FEMALE

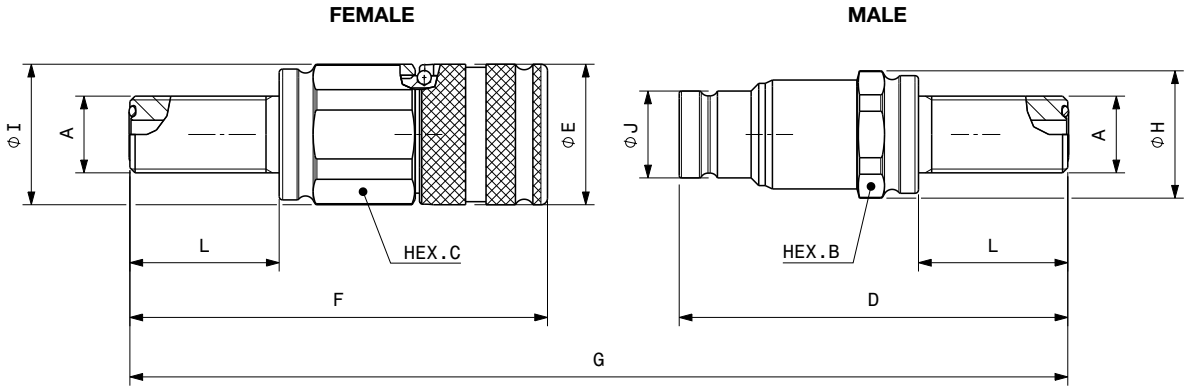


MALE



Port description: MALE THREAD SAE (ISO11926-2 & SAE J514)

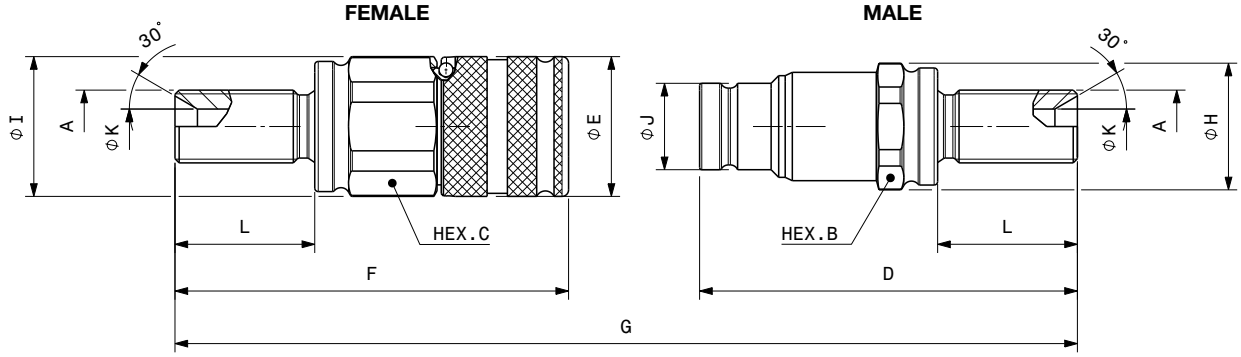
Body Size	Descriptive Code	Part Number		ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Length			Weight	
							mm	in		mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	F A15 3/4 SAE EXT	Female	812504016	16	1-1/16-12UN	G	149,8	5,90	F	88,9	3,50	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	L	18,5	0,73	0,64	1,41
	M A15 3/4 SAE EXT	male	812504017						D	78,5	3,09	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06				0,32	0,71



Port description: ORFS BULKHEAD (ISO 8434-3 & SAE J1453)

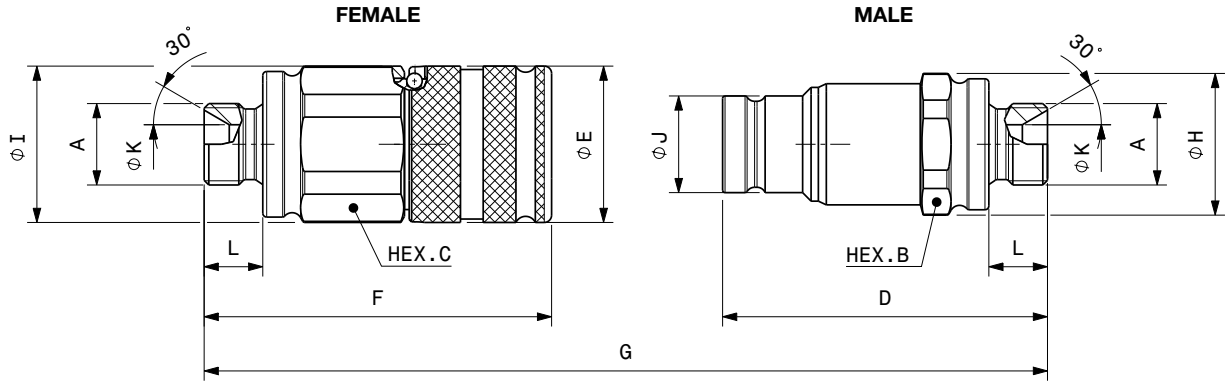
Body Size	Descriptive Code	Part Number	ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Length			Weight	
						mm	in		mm	in		mm	in		mm	in		mm	in		mm	in		kg	lb
5/8"	**F A15 3/4 ORFS BH**	Female **812513022***	16	1-3/16-12UN	G	198,8	7,83	F	111,9	4,41	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	L	41,5	1,63	0,73	1,60
	M A15 3/4 ORFS BH	Male **812513023***						D	104,5	4,11	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06				0,45	1,00
3/4"	**F A17 1 ORFS BH**	Female **812513024**	19	1-7/16-12UN	G	235,1	9,26	F	137,3	5,41	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	L	42,0	1,65	1,13	2,49
	M A17 1 ORFS BH	Male **812513025**						D	119,8	4,72	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18				0,66	1,46
1"	**F A21 1-1/4 ORFS BH**	Female **812513030**	25	1-11/16-12UN	G	249,1	9,81	F	141,8	5,58	C	55,0	2,17	I	59,5	2,34	E	55,0	2,17	L	42,0	1,65	1,69	3,72
	M A21 1-1/4 ORFS BH	Male **812513031**						D	130,3	5,13	B	55,0	2,17	H	59,5	2,35	J	36,0	1,42				0,96	2,11

* Available upon request.



Port description: MALE THREAD BSPP BULKHEAD (ISO 8434-6)

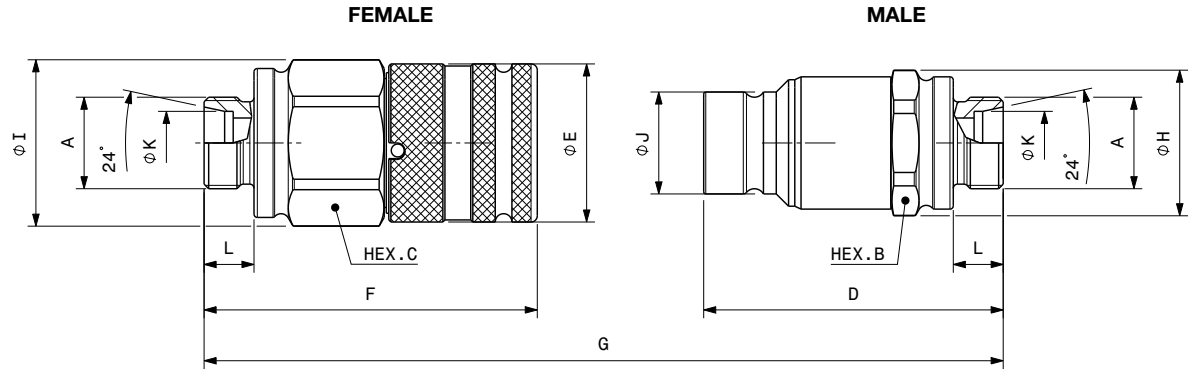
Body Size	Descriptive Code	Part Number	ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Length			Weight	
						mm	in		mm	in		mm	in		mm	in		mm	in		mm	in		kg	lb
3/4"	**F A17 1 BSP BH41**	Female **812500042**	19	1"	G	232,3	9,15	F	136,3	5,37	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	L	41,0	1,61	1,13	2,49
	M A17 1 BSP BH41	Male **812500043**						D	118,0	4,65	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18				0,66	1,46



Port description: MALE THREAD BSPP (ISO 8434-6)

Body Size	Descriptive Code	Part Number	ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Length			Weight	
						mm	in		mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	**F A15 3/4 BSP EXT**	Female **812500036***	16	3/4"	G	147,3	5,80	F	85,9	3,38	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	L	16,0	0,63	0,59	1,29
	M A15 3/4 BSP EXT	Male **812500037***						D	79,0	3,11	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06				0,32	0,71

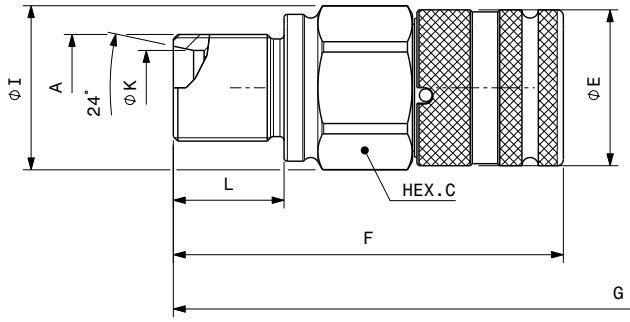
* Available upon request.



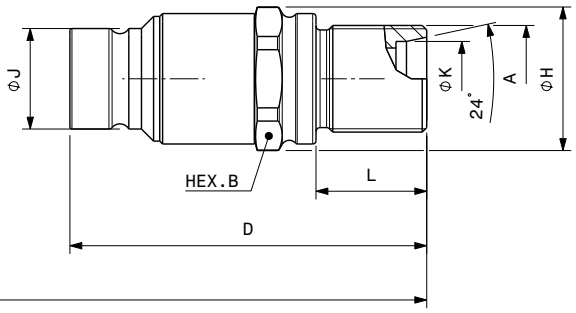
Port description: MALE THREAD L SERIES -24° CONE (ISO 8434-1 & DIN 2353)

Body Size	Descriptive Code	Part Number	ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Diameter			Length			Weight	
						mm	in		mm	in		mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	**F A15 L15**	Female **812508018**	16	M22X1.5	G	141,8	5,58	F	84,4	3,32	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	K	15	0,59	L	12,0	0,47	0,60	1,32
	M A15 L15	Male **812508019**						D	75,0	2,95	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06							0,31	0,68
5/8"	**F A15 L18**	Female **812508020**	16	M26X1.5	G	139,8	5,50	F	82,4	3,24	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	K	18	0,71	L	12,0	0,47	0,60	1,32
	M A15 L18	Male **812508021**						D	75,0	2,95	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06							0,31	0,68
5/8"	**F A15 L22**	Female **812508022**	16	M30X2	G	143,8	5,66	F	84,4	3,32	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	K	22	0,87	L	14	0,55	0,60	1,32
	M A15 L22	Male **812508023**						D	77,0	3,03	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06							0,31	0,68
3/4"	**F A17 L18**	Female **812508024**	19	M26x1.5	G	177,3	6,98	F	110,3	4,34	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	K	18	0,71	L	12,0	0,47	0,93	2,05
	M A17 L18	Male **812508025**						D	89,0	3,50	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18							0,51	1,12
3/4"	**F A17 L22**	Female **812508026**	19	M30x2	G	178,4	7,02	F	109,3	4,30	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	K	22	0,87	L	14	0,55	0,91	2,01
	M A17 L22	Male **812508027**						D	91,1	3,59	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18							0,48	1,06

FEMALE



MALE

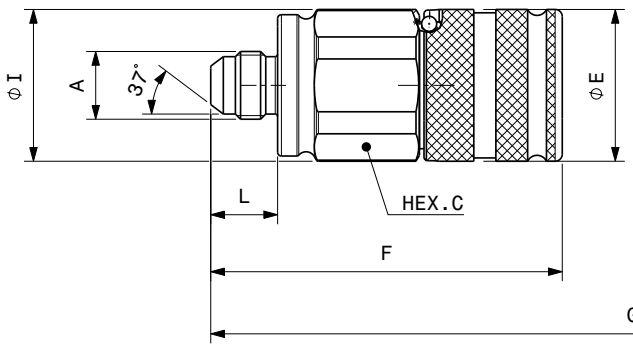


MALE THREAD L SERIES -24° CONE BULKHEAD (ISO 8434-1 & DIN 2353)

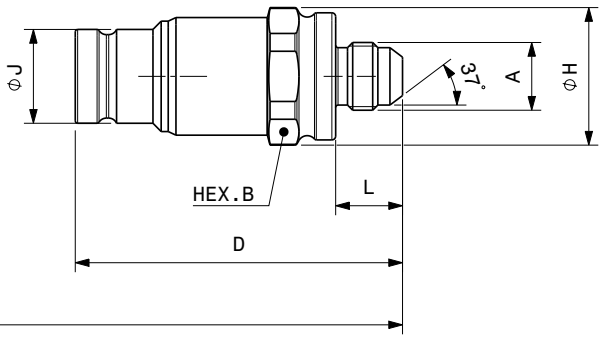
Body Size	Descriptive Code	Part Number	ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Diameter			Length			Weight	
						mm	in		mm	in		mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	F A15 L18 SCHOTT	Female 812510020	16	M26X1.5	G	169,8	6,69	F	97,4	3,83	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	K	18	0,71	L	27,0	1,06	0,62	1,38
	M A15 L18 SCHOTT	Male 812510021						D	90,0	3,54	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06							0,35	0,77
5/8"	F A15 L22 SCHOTT	Female 812510022*	16	M30X2	G	183,8	7,24	F	104,4	4,11	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	K	22	0,87	L	34,0	1,34	0,66	1,46
	M A15 L22 SCHOTT	Male 812510023*						D	97,0	3,82	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06							0,31	0,68
3/4"	F A17 L18 SCHOTT	Female 812510024	19	M26x1.5	G	207,3	8,16	F	125,3	4,93	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	K	18	0,71	L	27,0	1,06	0,97	2,13
	M A17 L18 SCHOTT	Male 812510025						D	104,0	4,09	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18							0,55	1,21
3/4"	F A17 L22 SCHOTT	Female 812510026	19	M30x2	G	218,3	8,59	F	129,3	5,09	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	K	22	0,87	L	34,0	1,34	0,97	2,13
	M A17 L22 SCHOTT	Male 812510027						D	111,0	4,37	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18							0,55	1,21
1"	F A21 L22 SCHOTT	Female 812510028	25	M30x2	G	232,4	9,15	F	133,8	5,27	C	55,0	2,17	I	59,5	2,34	E	55,0	2,17	K	22	0,87	L	34,0	1,34	1,55	3,42
	M A21 L22 SCHOTT	Male 812510029						D	121,6	4,79	B	55,0	2,17	H	59,8	2,35	J	36,0	1,42							0,87	1,91
1"	F A21 L28 SCHOTT	Female 812510030	25	M36X2	G	232,4	9,15	F	133,8	5,27	C	55,0	2,17	I	55,0	2,17	E	55,0	2,17	K	28	1,10	L	34,0	1,34	1,60	3.51
	M A21 L28 SCHOTT	Male 812510031						D	121,6	4,79	B	55,0	2,17	H	55,0	2,17	J	36,0	1,42							0,94	2,06

* Available upon request.

FEMALE



MALE



Port description: MALE THREAD JIC - (ISO 8434-2 & SAE J514)

Body Size	Descriptive Code	Part Number	ISO DN	PORT (A)	Overall Length			Length			Wrench Flat			Diameter			Diameter			Length			Weight	
						mm	in		mm	in		mm	in		mm	in		mm	in		mm	in	kg	lb
5/8"	F A15 1 JIC	Female 812506026*	16	1-5/16-12UN	G	150,0	5,91	F	84,5	3,33	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	L	23,1	0,91	0,56	1,24
	M A15 1 JIC	Male 812506027*						D	83,1	3,27	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06				0,31	0,68

* Available upon request.

Zinc Nickel version

A Series is available upon request also in Zinc Nickel version.

The Zinc Nickel plating ensures high resistance to corrosion and it is ideal for hydraulic equipment applications where an improved corrosion resistance is necessary.

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



Panel mounting

A Series is available upon request also as panel mounting version.

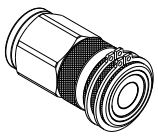
BC: Snap Ring Solution
Grooves on the male body and on the female sleeve.

BR: Snap Ring Solution
Grooves on the male adaptor and on the female adaptor.

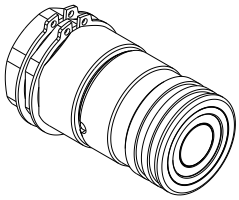
BT: Lock Ring Solution
Thread on the male body and female body.

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

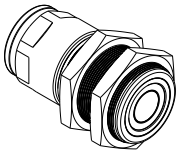
Using the BC and BT versions mounted on the panel, you obtain the breakaway function, avoiding damages of the hydraulic connections in case of strong axial force during unintended disconnection.



BC



BR

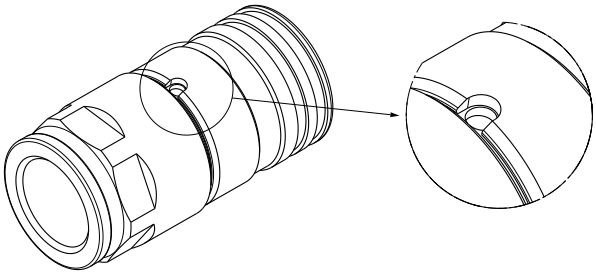


BT

SS version

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

For additional information, please contact Stucchi Technical Support.

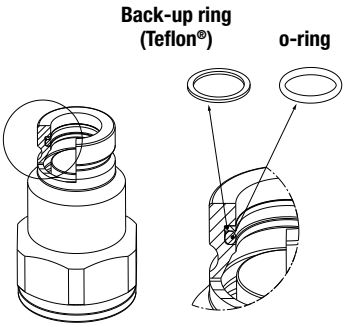




SPARE KIT SEAL FOR MALE

Repair kit / OR+BK		
Body Size	Description	Part Number
5/8”	M A15	815700341
3/4”	M A17	815700343
1”	M A21	815700345
1-1/4”	M A25	815700693
1-1/2"	M A30	815700521

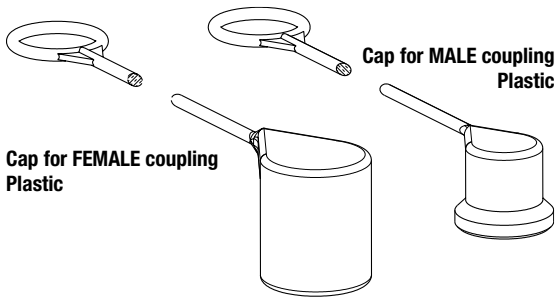
O-Ring in Nitrile
BackUp in Teflon®



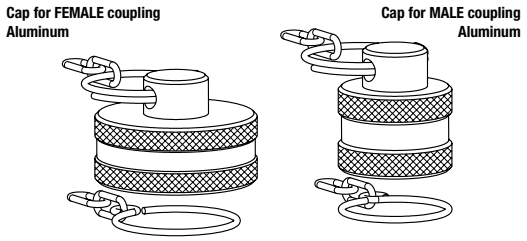
PROTECTIVE CAPS FOR A SERIES

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 A series are available three kind of materials:

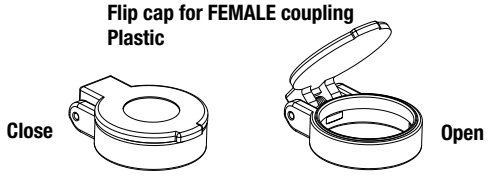
- plastic caps complete with lanyard (standard color: red, other colors available upon request)
- aluminum caps complete with lanyard (standard colors: natural aluminum, other colors available upon request)



Protective Cap					
Body Size	Port size	Description	Part number		Material/Color
			Cap for Female	Cap for Male	
5/8"	3/4"	A15	815100008	815100011	Plastic/Red
5/8"	1"	A15	815100008	815100011	Plastic/Red
3/4"	3/4"	A17	815100010	815100013	Plastic/Red
3/4"	1"	A17	815100010	815100013	Plastic/Red
1"	3/4"	A21	815100012	815100015	Plastic/Red
1"	1"	A21	815100012	815100015	Plastic/Red
1"	1-1/4"	A21	815100012	815100015	Plastic/Red



Protective Cap				
Body Size	Description	Part number		Material/Color
		Cap for Female	Cap for Male	
5/8"	A15	816005008	816005009	Aluminum/Natural
3/4"	A17	816005010	816005011	Aluminum/Natural
1"	A21	816005012	816005013	Aluminum/Natural
1-1/4"	A25	815205020	815205021	Aluminum/Natural
1-1/2"	A30	815105014	815105017	Aluminum/Natural



Protective Cap			
Body Size	Description	Part number	Material/Color
		Cap for Female	
5/8"	F A15	815200006	Plastic/Red
3/4"	F A17	815200008	Plastic/Red

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