

# FA Series

## Non-Spill Aluminum Quick Couplings



### Light Weight and Corrosion Resistant with Push-to-Connect Operation:

Parker FA Series couplings are designed to combine the best features of our non-spill FS and FEM Series couplings in a lightweight, corrosion resistant aluminum coupling.

The simple push-to-connect operation is quick and saves valuable time when mating fluid lines. As with all Parker flush-face designs, the non-spill feature eliminates fluid spillage and minimizes air inclusion when connecting or disconnecting the couplings. FA Series' modular design enables wide variations in fitting options to meet each customer's needs.

Parker's FA Series is ideal for use wherever lightweight construction, high corrosion resistance and non-spill valving are needed.



### Contact:

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### FA Coupling Features:

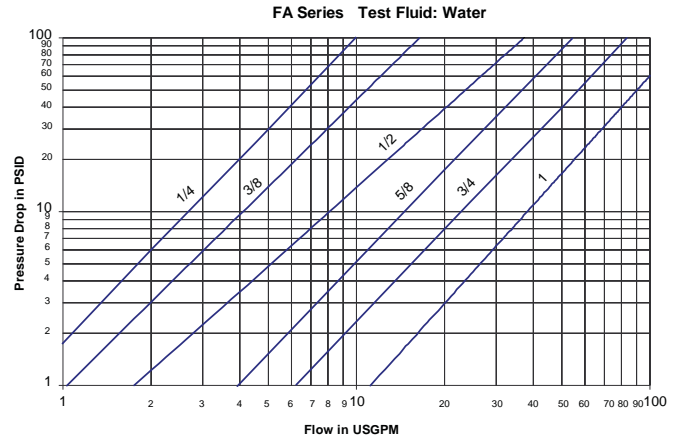
- Lightweight, corrosion-resistant aluminum construction (up to 60% lighter than comparable steel couplings)
- Modular two-piece design allows for a wide variety of end configurations
- Flush face valving and smooth flow path with low pressure drop
- Suitable for both pressure and vacuum applications
- Hard coat, anodized finish provides a surface that is resistant to scratches and wear
- Color coding options visually identify fluid lines to help prevent cross connection
- Flat face and sealed sleeve cavity prevents dirt from interfering with coupling operation

ENGINEERING YOUR SUCCESS.

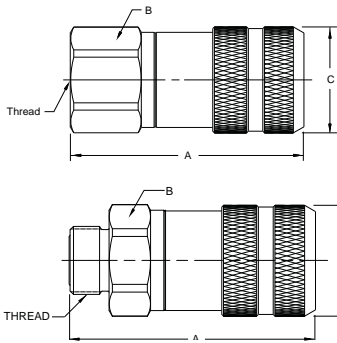
# FA Series

## Specifications:

Size	Rated Operating Pressure		Rated Flow		Pressure Drop @ Rated Flow	
	Inch	Bar	PSI	L/min	GPM	Bar
1/4	69	1000	12	3	0.82	12.0
3/8	69	1000	23	6	1.15	16.7
1/2	69	1000	45	12	1.25	18.1
5/8	69	1000	72	19	1.00	14.5
3/4	69	1000	98	26	1.09	16.0
1	35	500	189	50	1.30	18.8

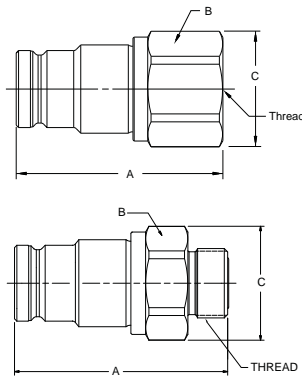


## Part Numbers and Dimensions:



Body Size	Coupler Part Number*	Thread Size	Overall Length	Hex Size	Largest Diameter	Wt (LB) P/Piece
			A	B	C	
1/4	FA-251-4MS	9/16-18 ORFS (male Seal-Lok)	1.80	1.00	1.06	0.12
3/8	FA-371-6MS	11/16-16 ORFS (male Seal-Lok)	2.90	1.06	1.30	0.25
3/8	FA-371-6FO	9/16-18 ORB (female)	2.83	1.06	1.30	0.25
1/2	FA-501-8MS	13/16-16 ORFS (male Seal-Lok)	2.99	1.38	1.58	0.39
1/2	FA-501-8FO	3/4-16 ORB (female)	3.06	1.38	1.58	0.39
5/8	FA-621-10FO	7/8-14 ORB (female)	3.62	1.50	1.70	0.65
3/4	FA-751-12FO	1-1/16 - 12 ORB (female)	4.20	1.75	1.98	0.83
1	FA-1001-16MS	1-7/16 - 12 ORFS (male Seal-Lok)	4.77	1.87	2.23	1.05
1	FA-1001-16FO	1-5/16 - 12 ORB (female)	4.68	1.87	2.23	1.05

\*Contact the Quick Coupling Division for other port configuration options.



Body Size	Nipple Part Number*	Thread Size	Overall Length	Hex Size	Largest Diameter	Wt (LB) P/Piece
			A	B	C	
1/4	FA-252-4MS	9/16-18 ORFS (male Seal-Lok)	1.66	1.00	1.06	0.12
3/8	FA-372-6MS	11/16-16 ORFS (male Seal-Lok)	2.62	1.06	1.16	0.12
3/8	FA-372-6FO	9/16-18 ORB (female)	2.55	1.06	1.16	0.12
1/2	FA-502-8MS	13/16-16 ORFS (male Seal-Lok)	2.92	1.38	1.50	0.23
1/2	FA-502-8FO	3/4-16 ORB (female)	2.86	1.38	1.50	0.23
5/8	FA-622-10FO	7/8-14 ORB (female)	3.09	1.50	1.63	0.32
3/4	FA-752-12FO	1-1/16 - 12 ORB (female)	3.51	1.75	1.94	0.56
1	FA-1002-16MS	1-7/16 - 12 ORFS (male Seal-Lok)	3.82	1.87	2.06	0.56
1	FA-1002-16FO	1-5/16 - 12 ORB (female)	3.73	1.87	2.06	0.56

\*Contact the Quick Coupling Division for other port configuration options.

## Part Number Code:

**FA - XX X - XX XX - XX XX**

**Series:** FA = Aluminum material

**Body Size:** 25 = 1/4", 37 = 3/8", 50 = 1/2", 62 = 5/8", 75 = 3/4", 100 = 1"

**Unit:** 1 = Coupler, 2 = Nipple

**Fitting Size:** 2 = 1/8", 3 = 3/16", 4 = 1/4", 5 = 5/16", 6 = 3/8", 7 = 7/16", 8 = 1/2", 10 = 5/8", 12 = 3/4", 14 = 7/8", 16 = 1", 20 = 1-1/4"

**Fitting Style:** FP = Female Pipe, FO = Female ORB, FB = Female BSPP, DIN 3852-2, "X", ISO 1179-1, CA = A-Lok Tube Fitting, FM = Female Metric ORB, ISO 6149-1, FS = Female ORFS, Seal-Lok, HB = Hose Barb, MF = Male 37 Flare, MM = Male Metric ORB, ISO 6149-2, MO = Male ORB, SAE, MP = Male Pipe, MS = Male ORFS, Seal-Lok, PL = Push-Lok Hose Barb

**Seal Code:** Blank = Fluorocarbon, N = Nitrile, N1 = Peroxide Cured, N2 = HNBR, N3 = FDA Approved, N4 = -65 to 275 F, C = Chloroprene/Neoprene, D = Silicone, E = Ethylene Propylene, G = GFLT (Fuel Fluorocarbon), L = Fluorosilicone, P = Perfluoroelastomer, P1 = FF-500 (steam & chemical), P2 = FF-200 (high temperature), P3 = FF-350 (high purity), T = PTFE (slipper seals), U = Urethane

**Standard Options:** Blank = No Options, SL = Sleeve-Lok, Color options: Blank = Black, BU = Blue, GN = Green, RD = Red, YW = Yellow

**Additional Notes:** Add B prefix for bulkhead style without nut, Add H prefix for bulkhead style with nut