

## Flat Face



### Overview:

"A" Series or Premier Series offers higher pressure ratings, superior flow ratings, lower pressure drop compared to FIRG Series or competitors products.

### Applications:

Flat Face couplers are specifically designed for applications needing no-leak performance. The mating faces are easily cleaned before connecting, making it the ideal solution for limiting contamination in a hydraulic circuit. The design allows applications involving high pressure impulses in agriculture equipment, mobile construction equipment and general industrial plants. Non-Spill design avoids fluid loss in connection & disconnection.

### Options:

- Seals: Viton, EPDM, & Kalrez.
- Threads: NPT, SAE, ORFS, JIC
- Multiple mounting options

### Series: "A" Premier

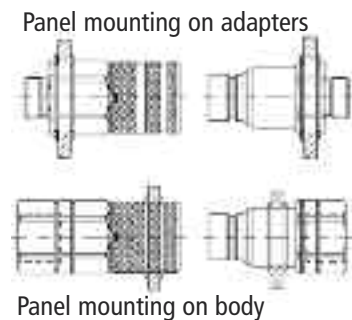
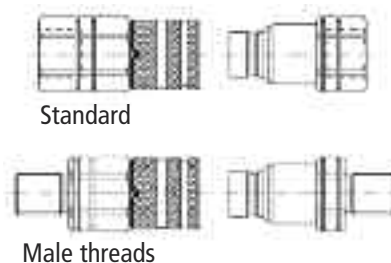
#### Interchange: ISO 16028 Flat Face

"A" series couplings are in accordance for Interchangeability and performances of ISO 16028. The interchangeability of size 10 is also in accordance with NFPA T3.20.15 (HTMA).

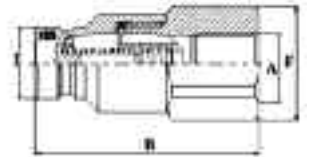
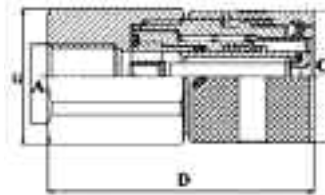
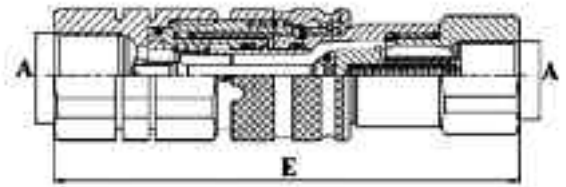
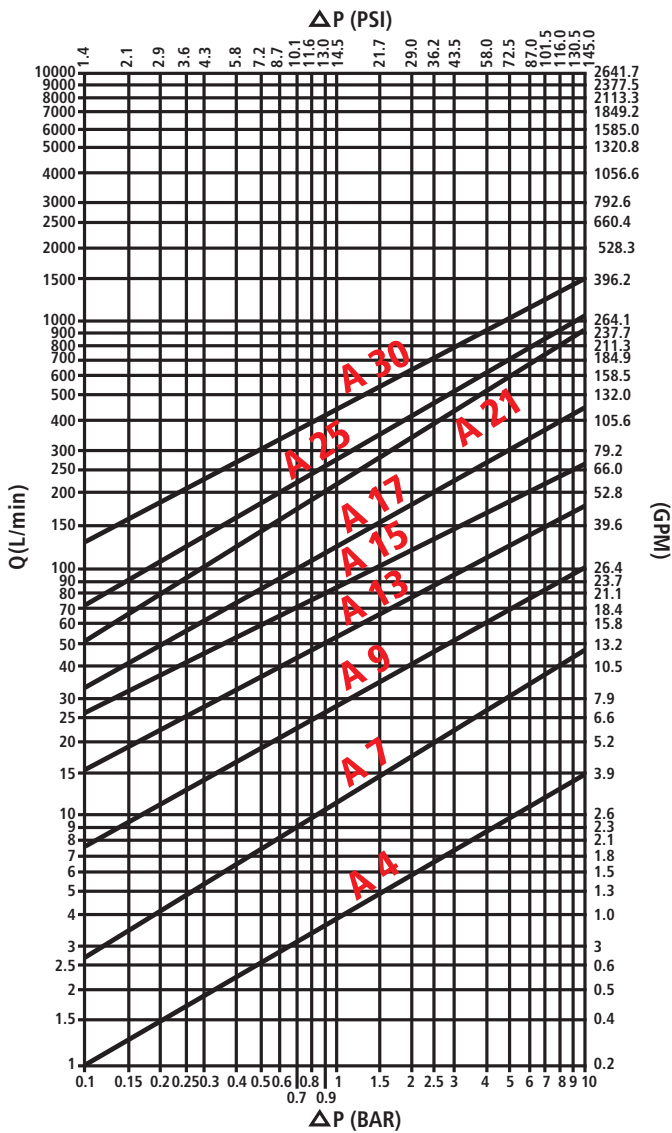
#### Interchange: Parker FEM, Aeroquip FD89, Faster 2FFI, Snap-Tite 74

- Seals: Nitrile & Teflon anti-extrusion
- Nipple: Hardened steel reduces brinnelling
- 12 to 20 balls to increase the male bearing points & decrease the brinelling effect
- Modular structure for multiple port option
- Lock system stops unwanted disconnect
- Exceeds Impulse test of ISOA-7241 test

Stucchi Series	Nominal Size Inches	ISO Size MM	MAX OPERATING PRESSURE COUPLED bar	MAX OPERATING PRESSURE COUPLED PSI
A4	1/8	5.0	420	6000
A7	1/4	6.3	420	6000
A9	3/8	10.0	350	5000
A13	1/2	12.5	330	4714
A15	5/8	16.0	330	4714
A17	3/4	19.0	330	4714
A21	1	25.0	300	4286
A25	1 ¼	27.0	300	4286
A30	1 ½	31.5	270	3857



Item	Body Size	Size (MM)	A inch	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	I (mm)
A4	1/8"	5	1/8"	36.5	20	40	68.5	18.5	20.5	11
A7	1/4"	6.3	1/4"	48	28	53	90.5	24	29	16.2
A9	3/8"	10	3/8"	60	32	64.5	109	29	32	19.8
A9	3/8"	10	1/2"	62.5	32	69.5	116.5	29	32	19.8
A13	1/2"	12.5	1/2"	68	38	76.5	127.5	40	40	24.5
A13	1/2"	12.5	3/4"	70.5	38	83.5	137	40	40	24.5
A15	5/8"	16	3/4"	73	42	83.5	139.5	38.5	45	27
A17	3/4"	19	1"	84	48	98.5	161	50	50	30
A21	1"	21	1 1/4"	90	55	105	173	60	60	36
A25	1 1/4"	25	1 1/4"	105	65	125.1	206.9	59.8	65	44.1
A30	1 1/2"	31.5	1 1/2"	111	80	132.5	215	70	82	57



Panel mount options available upon request.

# ISO 16028 Interchange Couplings Flat Face



Coupler



Nipple



**Stucchi**

**Interchange: Parker FEM Series, Aeroquip FD89**  
**ISO 16028 Interchange: NPT Thread**

Part	Body Size	Port Size	Thread Type	Order Code	Part Description
Coupler	1/8	1/8	NPT	801301002	F. A4 1/8 NPT
Nipple	1/8	1/8	NPT	801301003	M. A4 1/8 NPT
Coupler	1/4	1/4	NPT	801301004	F. A7 1/4 NPT
Nipple	1/4	1/4	NPT	800801001	M. FIRG 14 NPT
Coupler	3/8	3/8	NPT	801301006	F. A9 3/8 NPT
Nipple	3/8	3/8	NPT	801301005	M. A9 3/8 NPT
Coupler	3/8	1/2	NPT	801301008	F. A9 1/2 NPT
Nipple	3/8	1/2	NPT	801301007	M. A9 1/2 NPT
Coupler	1/2	1/2	NPT	801301010	F. A13 1/2 NPT
Nipple	1/2	1/2	NPT	801301009	M. A13 1/2 NPT
Coupler	1/2	3/4	NPT	801301012	F. A13 3/4 NPT
Nipple	1/2	3/4	NPT	801301011	M. A13 3/4 NPT
Coupler	5/8	3/4	NPT	801301014	F. A15 3/4 NPT
Nipple	5/8	3/4	NPT	801301013	M. A15 3/4 NPT
Coupler	5/8	1	NPT	801301020	F. A15 1" NPT
Nipple	5/8	1	NPT	801301019	M. A15 1" NPT
Coupler	3/4	3/4	NPT	801301030	F. A17 3/4 NPT
Nipple	3/4	3/4	NPT	801301031	M. A17 3/4 NPT
Coupler	3/4	1	NPT	801301000	F. A17 1" NPT
Nipple	3/4	1	NPT	801301001	M. A17 1" NPT
Coupler	1	1	NPT	801301028	F. A21 1" NPT
Nipple	1	1	NPT	801301029	M. A21 1" NPT
Coupler	1	1 1/4	NPT	801301016	F. A21 1 1/4 NPT
Nipple	1	1 1/4	NPT	801301015	M. A21 1 1/4 NPT
Coupler	1 1/4	1 1/4	NPT	801301034	F. A25 1 1/4 NPT
Nipple	1 1/4	1 1/4	NPT	801301035	M. A25 1 1/4 NPT
Coupler	1 1/2	1 1/2	NPT	801301018	F. A30 1 1/2 NPT
Nipple	1 1/2	1 1/2	NPT	801301017	M. A30 1 1/2 NPT

**Skid Steer Applications: Custom Ports**  
**Interchange: Parker FEM Series, Aeroquip FD89**  
**ISO 16028 Interchange: -Male Threads**

Part	Body Size	Port Size	Thread Type	Order Code	Part Description
Coupler	3/8	1/2	JIC Bulkhead	801306014	F. A9 1/2 JIC BH
Nipple	3/8	1/2	JIC Bulkhead	801306015	M. A9 1/2 JIC BH
Coupler	1/2	5/8	JIC Bulkhead	803306000	F. A13D 5/8 JIC BH
Nipple	1/2	5/8	JIC Bulkhead	801306017	M. A13 5/8 JIC BH
Coupler	1/2	3/4	JIC Bulkhead	801306024	F. A13 3/4 JIC BH
Nipple	1/2	3/4	JIC Bulkhead	801306025	M. A13 3/4 JIC BH
Coupler	3/4	3/4	JIC Bulkhead	801306028	F. A17 3/4 JIC BH
Nipple	3/4	3/4	JIC Bulkhead	801306029	M. A17 3/4 JIC BH
Coupler	1/2	5/8	JIC INT	803706002	F. A13 TI 5/8 JIC INT
Nipple	1/2	5/8	JIC INT	803706003	M. A13 TI 5/8 JIC INT
Coupler	1/2	5/8	ORFS Bulkhead	803313000	F. A13D 5/8 ORFSBH
Nipple	1/2	5/8	ORFS Bulkhead	801313001	M. A13 5/8 ORFSBH
Coupler	1/2	3/4	ORFS Bulkhead	803313002	F. A13D 3/4 ORFSBH
Nipple	1/2	3/4	ORFS Bulkhead	801313005	M. A13 3/4 ORFSBH
Coupler	1/2	1	ORFS Bulkhead	803313004	F. A13D 1" ORFSBH
Nipple	1/2	1	ORFS Bulkhead	801313007	M. A13 1" ORFSBH

**Interchange: Parker FEM Series, Aeroquip FD89**  
**ISO 16028 Interchange: -SAE Thread**

Part	Body Size	Port Size	Thread Type	Order Code	Part Description
Coupler	1/8	1/8	SAE	801304002	F. A4 3/16 SAE
Nipple	1/8	1/8	SAE	801304003	M. A4 3/16 SAE
Coupler	1/4	3/8	SAE	801304004	F. A7 3/8 SAE
Nipple	1/4	3/8	SAE	800804001	M. FIRG 14 3/8 SAE
Coupler	3/8	3/8	SAE	801304006	F. A9 3/8 SAE
Nipple	3/8	3/8	SAE	801304005	M. A9 3/8 SAE
Coupler	3/8	1/2	SAE	801304008	F. A9 1/2 SAE
Nipple	3/8	1/2	SAE	801304007	M. A9 1/2 SAE
Coupler	3/8	5/8	SAE	801304030	F. A9 5/8 SAE
Nipple	3/8	5/8	SAE	801304031	M.A9 5/8 SAE
Coupler	1/2	1/2	SAE	803304004	F. A13 1/2 SAE
Nipple	1/2	1/2	SAE	801304035	M. A13 1/2 SAE
Coupler	1/2	5/8	SAE	801304024	F. A13 5/8 SAE
Nipple	1/2	5/8	SAE	801304025	M. A13 5/8 SAE
Coupler	1/2	3/4	SAE	801304010	F. A13 3/4 SAE
Nipple	1/2	3/4	SAE	801304009	M. A13 3/4 SAE
Coupler	5/8	3/4	SAE	801304012	F. A15 3/4 SAE
Nipple	5/8	3/4	SAE	801304011	M. A15 3/4 SAE
Coupler	3/4	3/4	SAE	801304028	F. A17 3/4 SAE
Nipple	3/4	3/4	SAE	801304029	M. A17 3/4 SAE
Coupler	3/4	1	SAE	801304000	F. A17 1" SAE
Nipple	3/4	1	SAE	801304001	M. A17 1" SAE
Coupler	1	1	SAE	801304038	F. A21 1" SAE
Nipple	1	1	SAE	801304039	M. A21 1" SAE
Coupler	1	1 1/4	SAE	801304014	F. A21 1 1/4 SAE
Nipple	1	1 1/4	SAE	801304013	M. A21 1 1/4 SAE
Coupler	1 1/4	1 1/4	SAE	801304042	F. A25 1 1/4 SAE
Nipple	1 1/4	1 1/4	SAE	801304043	M. A25 1 1/4 SAE
Coupler	1 1/2	1 1/2	SAE	801304016	F. A30 1 1/2 SAE
Nipple	1 1/2	1 1/2	SAE	801304015	M. A30 1 1/2 SAE



Coupler



Nipple

**Hand Tool Applications: Special Configuration**  
**Interchange: Parker FEM Series, Aeroquip FD49 Interchange: ISO 16028**

Part	Body Size	Port Size	Thread Type	Order Code	Part Description
Coupler	3/8	3/8	Male SAE	803704004	F. A9 3/8 T30 SAE EXT.
Nipple	3/8	3/8	Male SAE	801304037	M.A9 3/8 SAE EXT
Coupler	3/8	1/2	Male SAE	803704006	F. A9 1/2 T30 SAE EXT.
Coupler	3/8	1/2	Male SAE	801304032	F.A9 1/2 SAE EXT
Nipple	3/8	1/2	Male SAE	801304033	M.A9 1/2 SAE EXT
Coupler	3/8	3/8	Female NPT	803601000	F. FIRG 38 T30 NPT
Coupler	3/8	1/2	Female NPT	803601002	F. FIRG 12 T30 NPT

