

## Dixon Original Astronautic Couplings

- A-Series couplers provide convenient automatic connection and safe 'one-handed' disconnection
- A-Series couplers have a reverse-acting sleeve to prevent accidental disconnection
- Rugged construction optimises pressure performance and ensures corrosion resistance in most applications
- B-Series miniature profile is ideal for installations in compact locations
- B-Series interlocking-sleeve design prevents accidental disconnection



PERFORMANCE SPECIFICATIONS	OPERATING bar (psi) *	COUPLED BURST bar (psi) *	FLOW ΔP=0.4 bar (6.9 bar inlet)	LOCKING MECHANISM
1/8" (B-Series)	10 (150)	41 (600)	3 CFM	3 Balls
1/8" (A-Series)	310 (4,500)	1,241 (18,000)	7 CFM	3 Balls
1/4" (A-Series)	207 (3,000)	828 (12,000)	25 CFM	3 Balls

\* Burst and operating pressure values are based upon connected conditions. Contact factory for disconnected values.



(Male Thread)

### B-SERIES ASTRONAUTICS MINIATURE (AUTOMATIC COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
1BM1-B	1/8"	1/8"-27 NPTF	brass



(Standard hose Barb)

### B-SERIES ASTRONAUTICS MINIATURE (NIPPLE)

PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
B1S1-B	1/8"	1/8" Hose Barb	brass



(Female Thread)

### A-SERIES ASTRONAUTICS HIGH PRESSURE (AUTOMATIC COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	PART MATERIAL
1AF1-B	1/8"	1/8"-27 NPTF	brass
2AF1-B	1/4"	1/8"-27 NPTF	brass
2AF2-B	1/4"	1/4"-18 NPTF	brass



(Female Thread)

### A-SERIES ASTRONAUTICS HIGH PRESSURE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
A1F1	1/8"	1/8"-27 NPTF	brass
A1F1-B	1/8"	1/8"-27 NPTF	brass
A2F1	1/4"	1/8"-27 NPTF	steel
A2F1-B	1/4"	1/8"-27 NPTF	brass
A2F2	1/4"	1/4"-18 NPTF	steel
A2F2-B	1/4"	1/4"-18 NPTF	brass

# QUICK RELEASE – PNEUMATICS



(Male Thread)

## A-SERIES ASTRONAUTICS HIGH PRESSURE (AUTOMATIC COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	PART MATERIAL
1AM1-B	1/8"	1/8"-27 NPTF	brass
2AM1-B	1/4"	1/8"-27 NPTF	brass
2AM2-B	1/4"	1/4"-18 NPTF	brass



(Male Thread)

## A-SERIES ASTRONAUTICS HIGH PRESSURE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
A1M1	1/8"	1/8"-27 NPTF	steel
A1M1-B	1/8"	1/8"-27 NPTF	brass
A2M1	1/4"	1/8"-27 NPTF	steel
A2M1-B	1/4"	1/8"-27 NPTF	brass
A2M2	1/4"	1/4"-18 NPTF	steel
A2M2-B	1/4"	1/4"-18 NPTF	brass



(Standard Hose Barb)

## A-SERIES ASTRONAUTICS HIGH PRESSURE (AUTOMATIC COUPLER)

PART NO.	BODY SIZE	BARB CONFIGURATION	PART MATERIAL
1AS1-B	1/8"	1/8" Hose Barb	brass
2AS1-B	1/4"	1/4" Hose Barb	brass
2AS2-B	1/4"	1/4" Hose Barb	brass



(Standard Hose Barb)

## A-SERIES ASTRONAUTICS HIGH PRESSURE (NIPPLE)

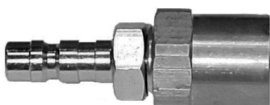
PART NO.	BODY SIZE	BARB CONFIGURATION	PART MATERIAL
A2S1.5-B	1/4"	3/16" Hose Barb	brass
A2S2	1/4"	1/4" Hose Barb	steel
A2S2-B	1/4"	1/4" Hose Barb	brass



(Reusable Barb)

## A-SERIES ASTRONAUTICS HIGH PRESSURE (AUTOMATIC COUPLER)

PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
2AE2-B	1/4"	1/4" ID X 1/2" OD	brass



(Reusable Barb)

## A-SERIES ASTRONAUTICS HIGH PRESSURE (NIPPLE)

PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
A2E2	1/4"	1/4" ID X 1/2" OD	steel
A2E2-B	1/4"	1/4" ID X 1/2" OD	brass