

Union

Model : A010

Spec. sheet no. AD00-01

Service intended

It is used for adapting size of the pressure tap which is different from the size of the pressure instrument thread.

Standard features

Max. working pressure

Brass : Up to 25 MPa at 20 °C, G $\frac{1}{2}$ "

Stainless steel : Up to 40 MPa at 20 °C, G $\frac{1}{2}$ "

ASME B1.1 Appendix B

Max. working temperature : -10 to 120 °C

※ This product's Max. working temperature could be varied depending on its working pressure and temperature.



Main order

Ordering information

1. Base model

A010 Union

2. Union type

- A** Union
- B** Nipple
- C** Plug

3. Material

- A** Brass
- C** 304SS
- D** 316SS
- F** 316L SS
- G** 304L SS
- V** PVC
- Z** Other

* Only nipple and plug are available with 304SS and 316SS

4. Gauge connection size

- 0** $\frac{1}{4}$ " (Union, Nipple)
- 1** $\frac{3}{8}$ " (Union, Nipple)
- 2** $\frac{1}{2}$ " (Union, Nipple)
- 3** $\frac{5}{8}$ " (Union)
- 4** $\frac{3}{4}$ " (Union)
- 5** $\frac{7}{8}$ " (Union)
- 9** None (Plug)

Sample ordering code

1	2	3	4	5	6	7	8
A010	A	A	0	A	A	G	A0000

5. Gauge connection type

- | | |
|------------------|------------------|
| A PF (F) | D UNF |
| B PT (F) | E NPT (M) |
| C NPT (F) | Z Other |

6. Process connection size

- A** $\frac{1}{8}$ " (Union)
- B** $\frac{1}{4}$ " (Union, Nipple, Plug)
- C** $\frac{3}{8}$ " (Union, Nipple, Plug)
- D** $\frac{1}{2}$ " (Union, Nipple, Plug)
- E** $\frac{3}{4}$ " (Union)
- F** 1" (Union)
- G** $\frac{7}{8}$ " (Union)
- Z** Other

7. Process connection type

- | | |
|------------------|------------------|
| G PF (M) | N S.W |
| H PT (M) | C NPT (F) |
| J NPT (M) | Z None |
| K UNF | |

8. Unused character

- A0000** Unused character
- B0000** With vent cock plug
- C0075** Nipple length 75L
- C0100** Nipple length 100L

A010 : Type of mounting

	d1	d2	d1 x d2	L	C	D	AXB HEX.	Ordering code (7th and 10th characters)	
	PF1/4	PF1/4	PF1/4 X PF1/4	40		16	19X21.9	0ABG	
	PF1/4	PF3/8	PF1/4 X PF3/8	41	16	18		0ACG	
	PF1/4	PF1/2	PF1/4 X PF1/2	43		20	22X25.4	0ADG	
	PF3/8	PF1/4	PF3/8 X PF1/4	41		16	22X25.4	1ABG	
	PF3/8	PF3/8	PF3/8 X PF3/8	43	18	18		1ACG	
	PF3/8	PF1/2	PF3/8 X PF1/2	45		20		1ADG	
	PF1/2	PF1/4	PF1/2 X PF1/4	43		16	27X31.2	2ABG	
	PF1/2	PF3/8	PF1/2 X PF3/8	45	20	18		2ACG	
	PF1/2	PF1/2	PF1/2 X PF1/2	48		20		2ADG	

	d1	d2	d1 x d2	L	C	D	AXB HEX.	Ordering code (7th and 10th characters)	
								NPT TYPE	PT TYPE
	PF1/4	(N)PT1/4	PF1/4 X (N)PT1/4	34		14	19X21.9	0ABJ	0ABH
	PF1/4	(N)PT3/8	PF1/4 X (N)PT3/8	36	16	16		0ACJ	0ACH
	PF1/4	(N)PT1/2	PF1/4 X (N)PT1/2	38		18	22X25.4	0ADJ	0ADH
	PF3/8	(N)PT1/4	PF3/8 X (N)PT1/4	36		14	22X25.4	1ABJ	1ABH
	PF3/8	(N)PT3/8	PF3/8 X (N)PT3/8	38	18	16		1ACJ	1ACH
	PF3/8	(N)PT1/2	PF3/8 X (N)PT1/2	40		18		1ADJ	1ADH
	PF1/2	(N)PT1/4	PF1/2 X (N)PT1/4	38		14	27X31.2	2ABJ	2ABH
	PF1/2	(N)PT3/8	PF1/2 X (N)PT3/8	40	20	16		2ACJ	2ACH
	PF1/2	(N)PT1/2	PF1/2 X (N)PT1/2	42		18		2ADJ	2ADH

	d1	d2	d1 x d2	L	C	D	AXB HEX.	Ordering code (7th and 10th characters)	
								NPT TYPE	PT TYPE
	(N)PT1/4	PF1/4	(N)PT1/4 X PF1/4	37		16	19X21.9	0CBG	0BBG
	(N)PT1/4	PF3/8	(N)PT1/4 X PF3/8	39	14	18		0CCG	0BCG
	(N)PT1/4	PF1/2	(N)PT1/4 X PF1/2	41		20	22X25.4	0CDG	0BDG
	(N)PT3/8	PF1/4	(N)PT3/8 X PF1/4	39		16	22X25.4	1CBG	1BBG
	(N)PT3/8	PF3/8	(N)PT3/8 X PF3/8	41	16	18		1CCG	1BCG
	(N)PT3/8	PF1/2	(N)PT3/8 X PF1/2	43		20		1CDG	1BDG
	(N)PT1/2	PF1/4	(N)PT1/2 X PF1/4	43		16	27X31.2	2CBG	2BBG
	(N)PT1/2	PF3/8	(N)PT1/2 X PF3/8	45	18	18		2CCG	2BCG
	(N)PT1/2	PF1/2	(N)PT1/2 X PF1/2	45		20		2CDG	2BDG

	d1	d2	d1 x d2	L	C	D	AXB HEX.	Ordering code (7th and 10th characters)	
								NPT TYPE	PT TYPE
	(N)PT1/4	(N)PT1/4	(N)PT1/4 X (N)PT1/4	34		14	19X21.9	0CBJ	0BBH
	(N)PT1/4	(N)PT3/8	(N)PT1/4 X (N)PT3/8	36	14	16		0CCJ	0BCH
	(N)PT1/4	(N)PT1/2	(N)PT1/4 X (N)PT1/2	38		18	22X25.4	0CDJ	0BDH
	(N)PT3/8	(N)PT1/4	(N)PT3/8 X (N)PT1/4	36		14	22X25.4	1CBJ	1BBH
	(N)PT3/8	(N)PT3/8	(N)PT3/8 X (N)PT3/8	38	16	16		1CCJ	1BCH
	(N)PT3/8	(N)PT1/2	(N)PT3/8 X (N)PT1/2	40		18		1CDJ	1BDH
	(N)PT1/2	(N)PT1/4	(N)PT1/2 X (N)PT1/4	38		14	27X31.2	2CBJ	2BBH
	(N)PT1/2	(N)PT3/8	(N)PT1/2 X (N)PT3/8	40	18	16		2CCJ	2BCH
	(N)PT1/2	(N)PT1/2	(N)PT1/2 X (N)PT1/2	42		18		2CDJ	2BDH