

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
Stainless steel : Up to 40 MPa at 20 °C, G½"

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

1. Base model

A010 Union

2. Union type

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

3. Material

- 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** ¼" (Union, Nipple)
- 1** ⅜" (Union, Nipple)
- 2** ½" (Union, Nipple)
- 3** ⅝" (Union)
- 4** ⅞" (Union)
- 5** ¾" (Union)
- 9** None (Plug)

Sample ordering code

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

Ordering information

5. Gauge connection type

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

6. Process connection size

- A** ⅛" (Union)
- B** ¼" (Union, Nipple, Plug)
- C** ⅜" (Union, Nipple, Plug)
- D** ½" (Union, Nipple, Plug)
- E** ¾" (Union)
- F** 1" (Union)
- G** ⅞" (Union)
- Z** Other

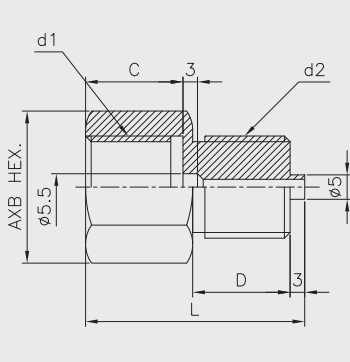
7. Process connection type

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

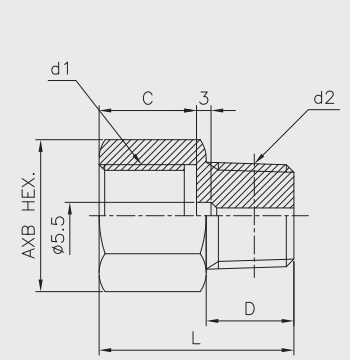
8. Unused character

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

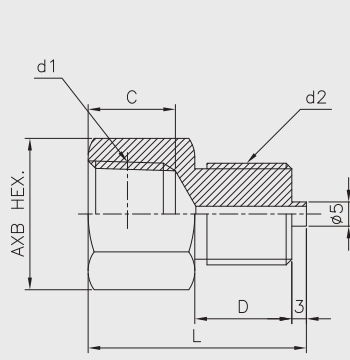
A010 : Type of mounting



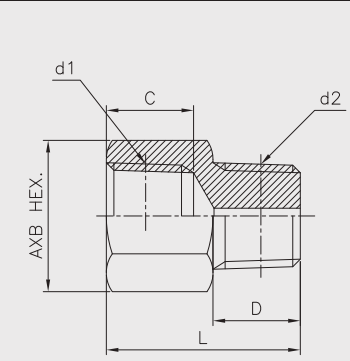
d1	d2	d1 x d2	L	C	D	AXB HEX.	Ordering code (7th and 10th characters)
PF1/4	PF1/4	PF1/4 X PF1/4	40		16	19X21.9	0ABG
PF1/4	PF3/8	PF1/4 X PF3/8	41	16	18		0ACG
PF1/4	PF1/2	PF1/4 X PF1/2	43		20		0ADG
PF3/8	PF1/4	PF3/8 X PF1/4	41		16	22X25.4	1ABG
PF3/8	PF3/8	PF3/8 X PF3/8	43	18	18		1ACG
PF3/8	PF1/2	PF3/8 X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