

## Safety notice/connector component/caution for application

CHELIC PNEUMATIC

Please read the safety notice carefully before using and pay attention to the safety caution of this product

- Pay attention to the individual caution for various model series(read the cautions and safety notice in P9~10 for common cautions)

### Caution for design, selection

#### Warning

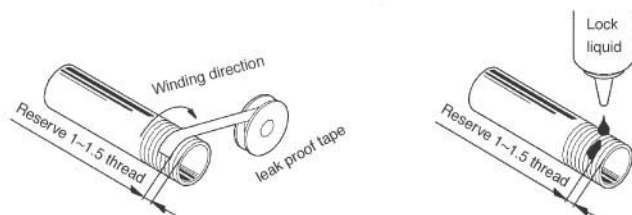


- Please don't use fluid other than compressed air, never suck in fluid other than clean air.  
Pay attention to the temperature of the fluid, please used within the range of specification table.  
Requirement of ambient condition:
  - (1) Avoid chemical (use stainless steel material and limit classification), corrosive and high temperature place in surrounding.
  - (2) Avoid to be used in heating and radiation place and in the place with inflammable(with spark).
  - (3) Avoid to be used in place with oily, inflammable, explosive and toxic object.
- Avoid situation of swing and revolving movement at screw end or pipe end of joint, because swing and revolving movement tend to cause damage to pipe joint body.
- Prevent debris and dust from entering the pipe and joint while laying, keep clean.
- Follow the torque in table below while laying the pipe(tighten the connector), never exceed the range of application to avoid damage of product.

Torque chart for piping

Size of piping	Appropriate turning torque N.m (kgf.cm)
M5	1.5~2 (15~20)
Pc(PT)1/8	7~9 (70~90)
Pc(PT)1/4	12~14 (120~140)
Pc(PT)3/8	22~24 (220~240)
Pc(PT)1/2	28~30 (280~300)

- Prevent debris and leak proof tape residue from entering the pipe while pipe laying and assembling the connector. Reserve 1~1.5 thread not wound with tape while winding the tape.



Connector component



## **Safety notice/connector component/caution for application**

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- If the connector is locked by using fluid fixing glue(anoxic glue), avoid excessive amount and fluid glue from flowing in the body, which may cause jammed and poor movement.
- The inserting portion of pipe shall have vertical cut section, no scratch at outer circumference of the pipe and not in oblong shape in order to avoid leakage and poor holding.
- Make the pipe is inserted to the bottom while joining of the pipe, make a trial pull to ensure the pipe is unable to be pulled out, leakage will be caused in the pipe is fail to inserted to the bottom or danger of loosen.

### **Caution for service and maintenance**

#### **Warning**

- Attention while the pipe is loosen:
  - (1) Make sure there is no pressure before loosen the pipe.
  - (2) Squeeze the crimp ring evenly to the end, pull the pipe out, if the crimp ring fail to be pressed to the end, it might hurt the pipe when pulling and cause residue of pipe scrape inside the pipe joint, and cause blockage of pipeline and poor sealing.
  - (3) The pipe pulled out frequency, there is deep recession or scratch at clamped portion, which should be remove and trim and then insert into pipe joint again, avoid poor sealing cause leakage.
- Check regularly and serviced
  - (1) Scratch mark at pipe joint and pipe, wear or corrosion.
  - (2) Leakage of the compressed air.
  - (3) Hardening, deterioration or deformation of pipe.
  - (4) Abnormality at jointing place of pipe and joint

Connector  
component