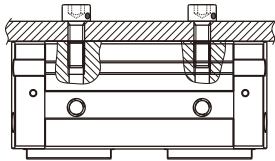


Installation and application

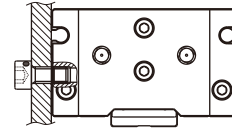
1. Due to the abrupt changes, the circuit pressure is low, which will lead to the decrease of the gripping force and falling of the work-pieces.
In order to avoid the harm to the human body and damage to the equipment, anti-dropping device must be equipped.
2. Don't use the air gripper under strong external force and impact force.
3. When install and fix the air gripper, avoid falling down, collision and damage.
4. When fixing the gripping jaw parts, don't twist the gripping jaw.
5. There are several kinds of installation method, and the locking torque of fastening screw must be within the prescribed torque range shown in the below chart.
If the locking torque is too large, it will cause the dysfunctional. If the locking torque is too small, it will cause the position deviation and fall.

Tail installation type



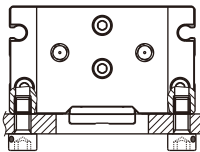
| Bore size | The bolts type | Max. locking moment(N.m) | Max. screwed depth(mm) |
|-----------|----------------|--------------------------|------------------------|
| 8 | M3×0.5 | 0.95 | 6 |
| 12 | M4×0.7 | 2.2 | 8 |
| 16 | M5×0.8 | 4.5 | 10 |
| 20 | M6×1.0 | 7.8 | 15 |
| 25 | M6×1.0 | 7.8 | 15 |

Side installation type



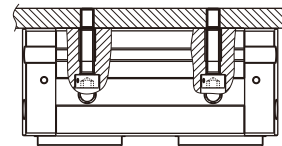
| Bore size | The bolts type | Max. locking moment(N.m) | Max. screwed depth(mm) |
|-----------|----------------|--------------------------|------------------------|
| 8 | M3×0.5 | 0.63 | 4 |
| 12 | M4×0.7 | 1.5 | 5 |
| 16 | M5×0.8 | 3 | 5.5 |
| 20 | M6×1.0 | 5.2 | 8 |
| 25 | M8×1.25 | 12 | 10 |

Bottom installation type



| Bore size | The bolts type | Max. locking moment(N.m) | Max. screwed depth(mm) |
|-----------|----------------|--------------------------|------------------------|
| 8 | M3×0.5 | 0.63 | 4 |
| 12 | M4×0.7 | 1.5 | 5 |
| 16 | M5×0.8 | 3 | 5.5 |
| 20 | M6×1.0 | 5.2 | 6 |
| 25 | M6×1.0 | 5.2 | 8 |

Front installation type



| Bore size | The bolts type | Max. locking moment(N.m) |
|-----------|----------------|--------------------------|
| 8 | M2.5×0.45 | 0.36 |
| 12 | M3×0.5 | 0.63 |
| 16 | M4×0.7 | 1.5 |
| 20 | M5×0.8 | 5 |
| 25 | M5×0.8 | 5 |

7. The installation method of the gripping jaw fittings

When install the gripping jaw fittings, you have to pay particular attention that you can only hold the gripping jaw by using spanner, and then lock the screws with allen wrench. Never clamp the body directly and then lock the screws, otherwise the parts will be easily damaged.

| Bore size | The bolts type | Max. locking moment(N.m) |
|-----------|----------------|--------------------------|
| 8 | M2.5×0.45 | 0.36 |
| 12 | M3×0.5 | 0.63 |
| 16 | M4×0.7 | 1.5 |
| 20 | M4×0.7 | 1.5 |
| 25 | M4×0.7 | 1.5 |

