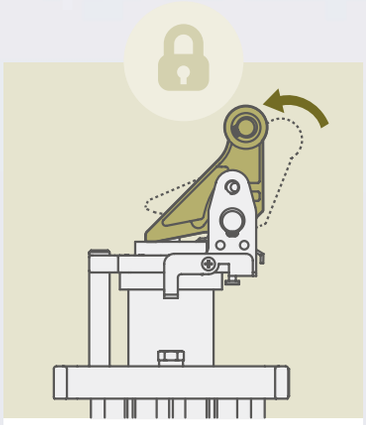
mindman

MSBE

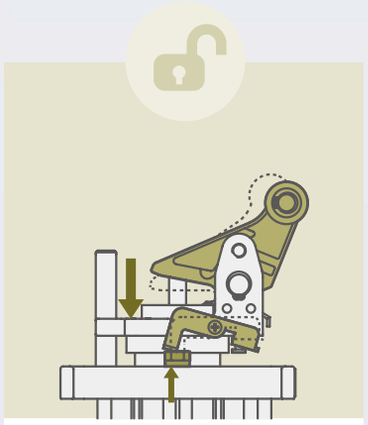
STOPPER CYLINDER

with lever locking mechanism



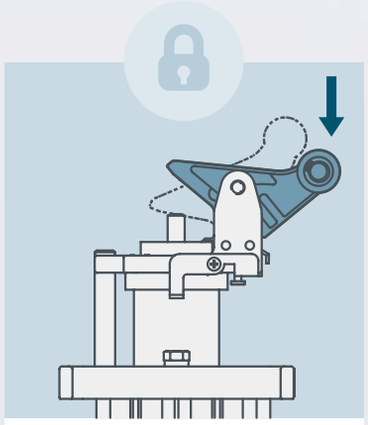
Lock Mechanism

» Lock mechanism prevents the light-weight workpiece from moving back by the force of shock absorber after damping.



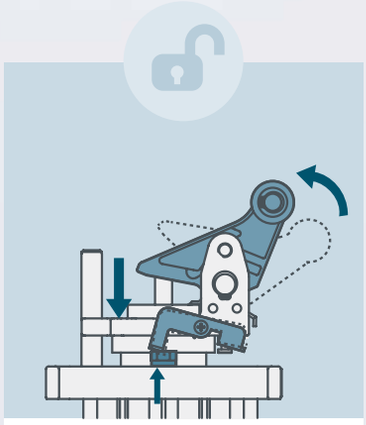
Pneumatic Unlock Lock Mechanism

» The locking / deactivation mechanism of MSBE*-L* can be unlocked / reactivated by return the piston rod.



Deactivation Mechanism

» Deactivation mechanism can deactivate the cylinder without any disassembling.



Pneumatic Unlock Deactivation Mechanism

» The mechanism can be unlocked /reactivated by return the piston rod. Replace traditional manual unlock, which is suitable for fully automated production lines.

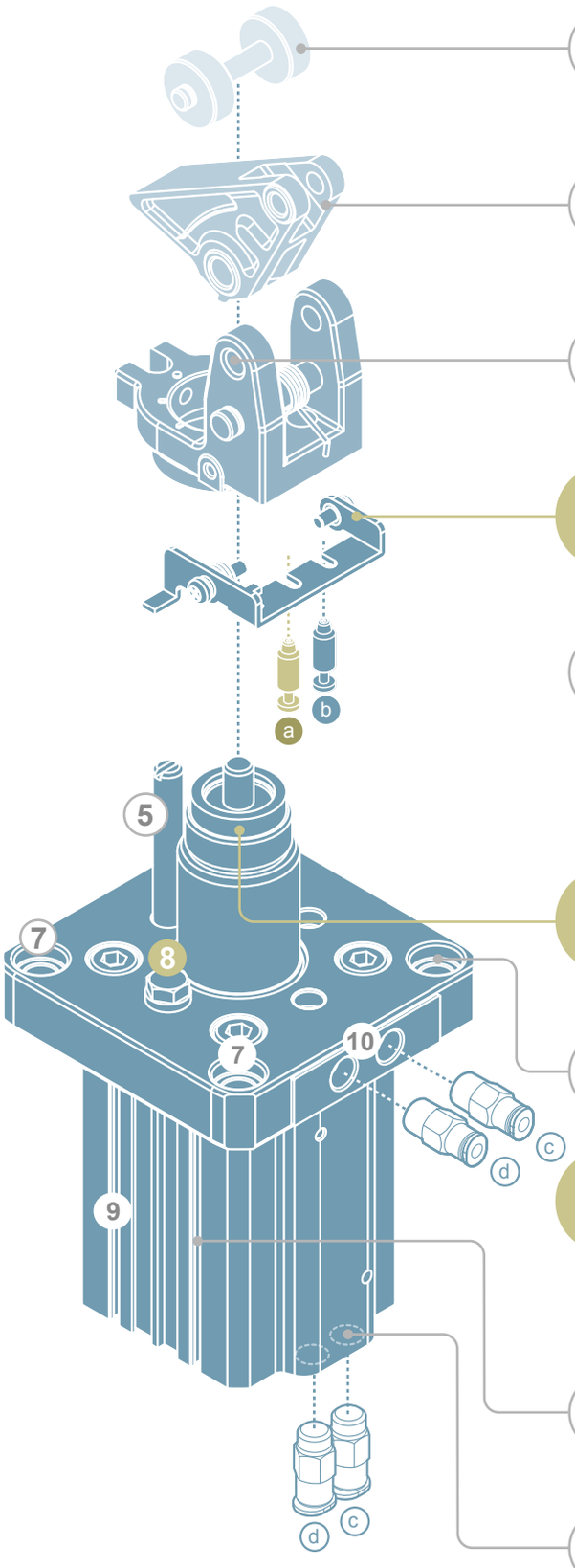
【Available for Ø50, Ø63, Ø80】

Pneumatic unlock, Patent M598902 / M600247 (Replace traditional manual unlock)

MSBE seires

Ø32, Ø50, Ø63, Ø80

Mechanism



1 Stop roller

2 Roller toggle lever

3 Thread

For inductive proximity sensor.

4 Lock mechanism

5 Guide rod

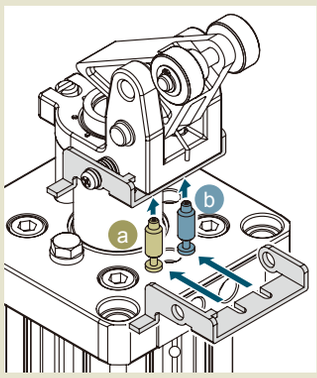
To prevent lever holder rotation.

For activating / deactivating lever position locking mechanism.

For ø50~ø80, two pins for lever lock and deactivation mechanism are deliveried for every L type **MSBE**.

The pin for lever lock fucntion is installed before delivery. The other pin is attached in the package.

Please see the assembling guide below for installing.



a Lever-lock function

b Free-pass function

6 Knurled cap

Step 1

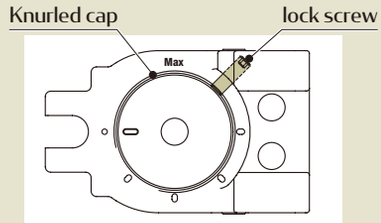
Turn knurled cap until the desired cushioning is reached.

- Max mark: Cushion becomes harder.
- 0 mark: Cushion becomes softer.

Step 2

Tighten lock screw.

Tightening torque: 2 N.m



7 Through hole

For mounting.

8 Unlock bolt 4

Auto unlock lever-lock/ free-pass function when rod return.

a Lever-lock function

b Free-pass function

9 Sensor switch groove

10 Port installation & Supply port

Select one set of port between the top one on the front cap and the one at the bottom.Ports on flange are available as default before shipment.

ⓒ Extending ⓓ Retracting

Spec.

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