

Pneumatic Toggle Clamps

with Additional Manual Operation

SPECIFICATION

Types

- Type **APVS**: Forked clamping arm, with two flanged washers
- Type **CPVS**: Forked clamping arm, with two flanged washers and clamping screw GN 708.1
- Type **EPVS**: Solid clamping arm, with clasp for welding

Coding

- Coding **M**: Magnetic piston

Sheet metal parts
Case-hardened steel C10
Zinc plated, blue passivated

Bearing pins hardened
Bearing rivets case-hardened

Air cylinder bearing pins
Case-hardened

Double-action air cylinder
Max. pressure 6 bar

All moving parts
Lubricated with special grease

Solid moulded plastic handle sleeve
Red, oil resistant

Clamping screw GN 708.1 (see page), type A

- Steel, zinc plated, blue passivated
- Rubber thrust pad 85 Shore A

INFORMATION

Toggle clamps GN 862.1 are built from the same construction as GN 862 (see page 1616).

The special features of these clamps are that they can be mounted in two different planes, and they can also be operated manually via the grip handle. For example, they can individually be manually closed, and then all clamps can be opened at once via the pneumatic function.

To ensure an extended life of the mechanical parts as well as the air cylinders the operating pressure should not exceed 6 bar and a compressed air maintenance unit should be installed upstream.

Toggle clamps GN 862.1 have a permanent magnet integrated into the piston. In conjunction with sensors GN 3380 (see page), it is possible to detect the end position, such as for implementing machine controls.



TECHNICAL INFORMATION

- General information for toggle clamps (see page 1560)
- List of pneumatic clamps (see page)

ACCESSORY

- Clamping Screws (see page 1629)
- Holders for Clamping Screws GN 801 (for Type AP) (see page 1629)
- Holders for Clamping Screws GN 809 (for Type EP) (see page 1630)
- Sensor GN 3380 (see page)



