

Heavy Duty Horizontal Toggle Clamp

TC-FH Series Illustrated :-

Chamunda's horizontal toggle clamp is low profile, fast, push/pull and straight line plunger action clamps. Accurately machine-reamed bearing surface. Plunger are hardened, ground & Nickel chrome plated. Plunger tip is drilled and tapped for adjustment spindle. This series has a plate base for drilling and bolting into work position. Block base Clamp also ideal where mounting space limited. It can be weld or bolting as desired.

Push & Pull Clamps

TC-LH Series Horizontal :-

Chamunda's Straight Line Action clamp is extremely compact for its large capacity. The low height clamp is very useful where overhead clearance is a problem. Plunger moves forward and locks as handle is moved forward. Clamp locks in either extended or retracted position. Plunger retracts and locks as handle is moved backward.

Push & Pull Clamps

TC-FM Series :-

Fully Retractable locators, these models mount directly through member by a jam nut on the work side or flush by drilling and tapping the member. Plunger locks in extended or retracted position. This Clamp supplied with hex nut.

Vertical Handle & Horizontal Arm Clamp

TC-V Series :-

These clamps are the most popular type of Toggle Clamps, the arm & handle rotating in the same direction and high clamping forces being generated.

AS Series have a "U" bar arm which enable one or more spindle to be moved into any desired position along "U" arm.

FS Series have a solid hold down bar which has a fixed guide bush at its end for spindle assembly. Zinc passivated for corrosion resistance.

Coloured vinyl PVC grip for safety and comfort of operators hands.

Horizontal Toggle Clamp

Horizontal Handle :-

Chamunda's H-model Series have a low profiles to permit free overhead movement and where the action of the clamping arm and handle rotating opposite direction is more suitable.

AS Series Equipped with "U" bar armed spindle to be moved into any desired position along with the "U" bar arm.

FS Series is similar to AS series except that hold down bar is solid and spindle assembly guide bush is fixed at the end of solid bar.

Pull Action U Bar Arm

Horizontal Pull Action Clamp :-

PA-H clamps holding capacity with easy operation. The treated "U" bolts permit easy simple adjustment and provide a positive connection with the supplied latch plate.

These clamps suits them ideally for holding adjustment heavy forces and high pressures such as two piece molds those generated it two piece plastic molding operations, and generated by expending rigid urethane.

Application Note : For all pull action models, the latch point must be below the centerline of the two pivot points in the clamp assembly to allow proper toggle lock action.

Push & Pull Clamps

TC-FM Series :-

Fully Retractable locators, these models mount directly through member by a jam nut on the work side or flush by drilling and tapping the member. Plunger locks in extended or retracted position. This Clamp supplied with hex nut.

Air Operated Straight Line Toggle Clamp

Chamunda's straight line action horizontal toggle clamp has 25 mm diameter plunger is drilled and tapped for M16 X 1.5 spindle plunger travels 50 mm and oves into mechanical lock in the extended position.

All cylinders are double action

AO-TC-1 LH

This model has a 12 mm dia. plunger which is drilled and tapped for a M8X1.25 spindle. The plunger Travels 30 mm. and moves into a mechanical lock in the extended position.

Air Operated Straight Line Toggle Clamp

Vertical Toggle Clamp

AS:

It has U-bar arm and flanged washers for easy lateral or vertical positioning for easy lateral or vertical positioning of the spindle which can be moved to any desired position along the "U" arm

SB

It has a solid hold-down square bar arm which can be easily cut off, drilled and tapped for adjustment spindle of the welding of special adaptors.

All Hold-down arms opened at 90 deg. All Air cylinder are double action.

Air Operated Angle Clamp

Right Angle Hold Down Clamp

These clamp has arm at right angle cylinder. It could be used where space dictates applications such as rotary indexing table and injection molding fixtures. this model offers a particular advantage that is it could be mounted either on the side or top of the fixture. The clamp can also to be mounted with the cylinder horizontal in which the hold-down bar ppulls back towards itself. Double acting cylinder with built in speed controls for smooth operations. Bar arms opens full 90 degree for easy part loading and unloading.

Assembly & Production Fixture

To assist our customer in selection the proper clamp style for their application. Our clamp can be found in many unique application including following.

Pull Back Clamp

This clamp is unique in having an action similar to a wide opening locking. Plier, but having flange body can be fastened to the fixture or mold against which the work-piece or mould half is to be clamped. Designed for attachment by welding or bolting in to front or top of base to be container or cove.

Jaw open 90 deg. to clear completely. Cushioned PVC handle grip provides easy operation and good looking appearance.