

The York H vice components (see Fig. 1):

1. Front part
2. Rear part
3. Tackle
4. Hydraulic unit
5. Plate spring cover with a safety self-threading screw

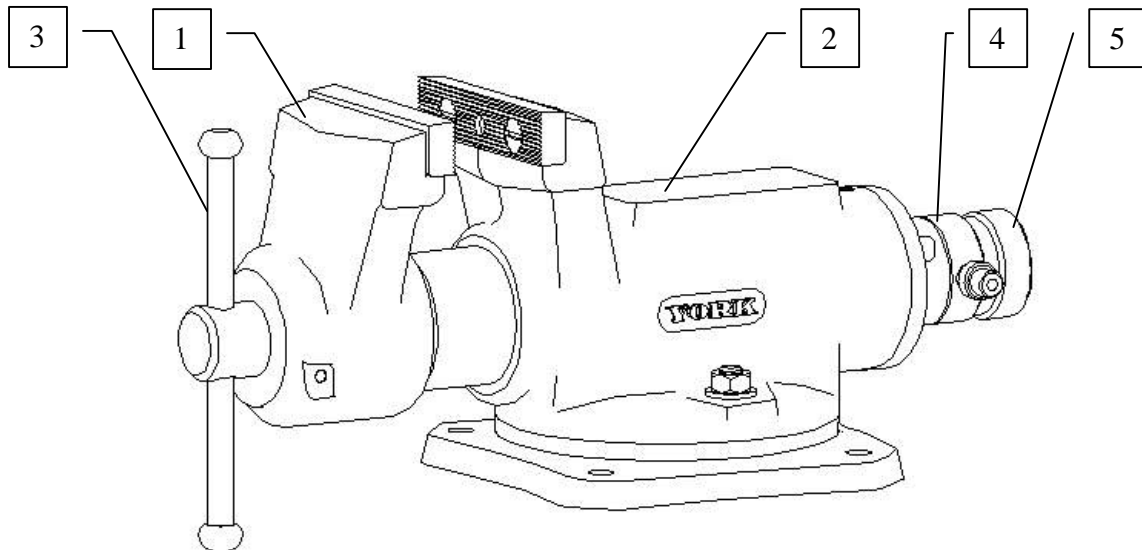


Fig. 1

1. General

A vice of this type can be used to clamp object either in a classic way or by using a hydraulic unit (4). Approach towards the clamped object is always done mechanically. When using hydraulic clamping, the clearance between the jaw and the object before the hydraulic unit is activated must not exceed 4 mm. The cylinder guide must be once a month cleaned and lubricated with oil along its entire length.

2. Mechanical clamping

By turning the tackle (3) clockwise, the object is mechanically clamped, and by turning the tackle anticlockwise, the clamped object is released.

3. Hydraulic clamping

Hydraulic travel from a secured position is 4 mm. By supplying pressurised fluid, the vice will instantaneously perform the hydraulic travel, clamping the object by the force of the hydraulic cylinder. The object is unclamped by releasing the pressure inside the hydraulic cylinder by means of plate springs.

ATTENTION!! Max. hydraulic pressure 20 MPa

4. Important!!

Before first use, always open the vice to at least 80 mm, connect the hydraulic fluid supply and check the functionality. Before clamping using the hydraulic unit, always make sure that only one object is present between the vice jaws. Negligence might lead to an injury (such as crushed fingers!!)..