Hollow Piston Cylinders
spring clamping - hydraulic unclamping
single acting, clamping force 50 kN

Application
These hollow piston cylinders are used for unpressurised long-term clamping of dies or fixtures on press beds and rams. Thanks to their compact design, they can also be used where the available space is limited.

Description
The element is manually placed on the clamping edge of the die. Unclamping by the application of hydraulic pressure to the piston and clamping by spring force. By means of the T-bolt the die is clamped against the clamping surface of the press ram or bed.

Advantages
● Hydraulic supply is only required for unclamping, i.e. for a short time
● Ideal force transmission
● Convenient and compact design with gripping surface
● No interfering edges when inserting the dies
● Easy to retrofit
● Easy installation

Hollow piston cylinder, complete
adjusted and secured with T-bolt
Please specify dimension “f” when ordering

Dimension “f” = die clamping edge
+ web height
+ unclamping stroke

For T-slot [mm] 22 28
Clamping force [kN] 50 50
Unclamping pressure [bar] 175 175
Unclamping stroke [mm] 2.5 2.5
Oil volume /1 mm stroke [cm³] 5 5
a [mm] 96 96
b [mm] 125 125
c [mm] 10 10
k [mm] 22 28
Weight [kg] 6.8 7.0
Part no. 814032200 814032800

Spacing “x” = “f” – 4 mm
Bracket mounted with spacer bars
(without connector block) Part no. 827532230 827532830
T-slot width k [mm] 22 28
a [mm] 72 85
Separate bracket Part no. 2753-220 2753-280

Accessory
Parking station during die change