



Clamping Bars

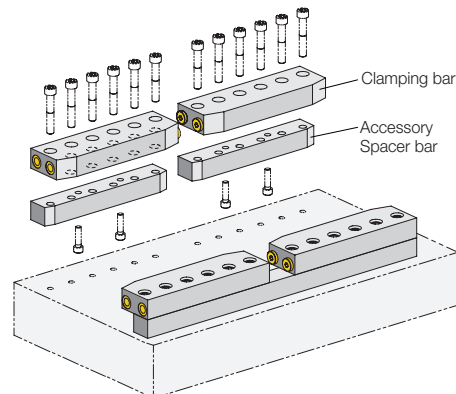
double acting, with built-in pistons

clamping force up to 116 kN, piston stroke 8 mm



Advantages

- Piston stroke 8 mm
- Arrangement in series of several clamping bars with plug-in connectors
- Flat and compact design
- Fully resilient stroke limitation
- Easy installation
- Easy to retrofit



Application

The clamping bars are used permanently installed on press beds and rams, on machines and plants for clamping and locking.

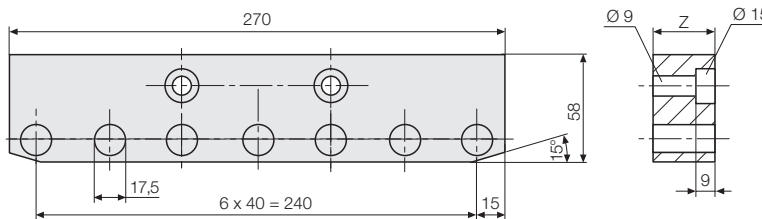
Description

The clamping bar is directly screwed on the press bed or ram using a spacer bar. Clamping is carried out on the die clamping edge by applying hydraulic pressure to the port of the 2, 3 or 6 pistons which are arranged side by side with a pressure medium. Unclamping is made by pressurising the port B. Hydraulic oil is supplied through G 1/4 ports provided on both sides. Flat design with die inlet chamfer.

Accessories

Spacer bar

to obtain the required clamping edge height

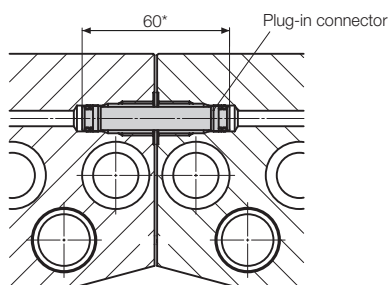


All dimensions in mm

Height Z	[mm]	28	53	75
for clamping edge	[mm]	25 ± 1.5	50 ± 1.5	72 ± 1.5
Part no.		520710024	520710032	520710081

Other heights on request

Plug-in connector



Other dimensions on request

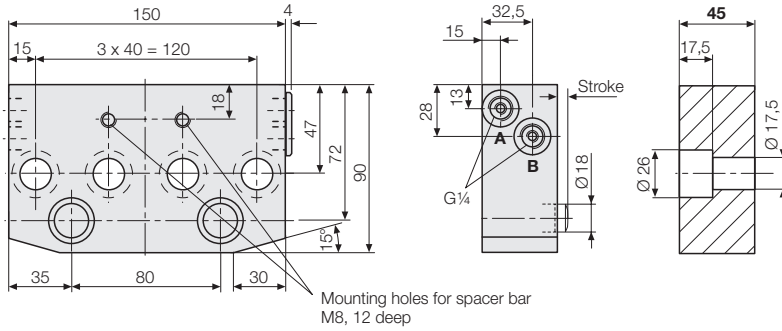
Plug-in connectors for clamping bars arranged in series.

When using several clamping bars in a row, the hydraulic ports are connected by means of pipes or plug-in connectors (see figure).

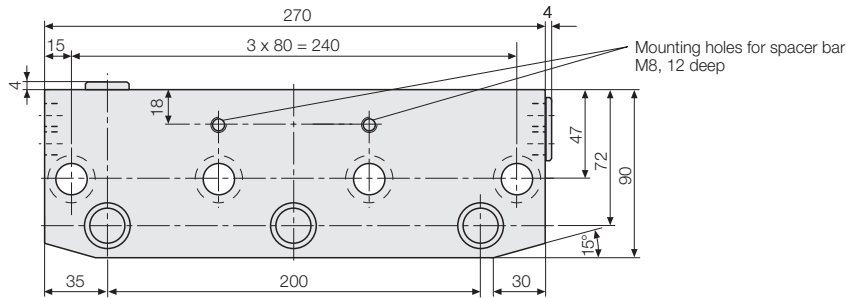
Part no. 805300040

Technical data Dimensions

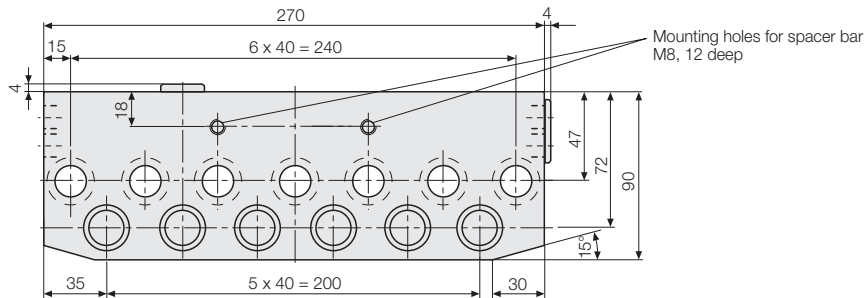
Clamping bars with 2 built-in pistons



Clamping bars with 3 built-in pistons



Clamping bars with 6 built-in pistons



All dimensions in mm

Technical data

Clamping force at max. operating pressure	[kN]	38.6	58	116
Max. operating pressure	[bar]	400	400	400
Clamping force at 100 bar	[kN]	9.65	14.5	29
No. of pistons		2	3	6
Piston/piston rod Ø	[mm]	25/18	25/18	25/18
Stroke	[mm]	8	8	8
Oil volume clamping	[cm³]	7.8	11.6	23.2
Weight	[kg]	4.1	7.4	8.9
Part no.		82097 0650	82097 0450	82097 0850