Clamping gibs with push-in thrust plate

METRON – clamping gibs with push-in thrust plate are used in such cases when the part to be clamped (slide, tool holder etc.) is moved out of the surrounding grip of the clamping gib and remais outside of it during the clamping process.

In the case of the normal clamping gib in this case the thrust plate would not be pressed against the guidance, but it would be pushed out of the gib which would result in a destruction of the thrust plate due to strong deformation and due to bursting of the clamping hose.

The push-in thrust plate, however, disposes of a limited clamping stroke of max. 0,5 mm and can – also outside of the surrounding grip – be loaded up to a pressure of 150 bars, when using steel with a minimum resistance of 600 N/mm^2 ; in case of grey cast iron correspondingly less.

For nominal dimensions see page K 03-01, however, with the instruction that the height should be at least 40 mm.

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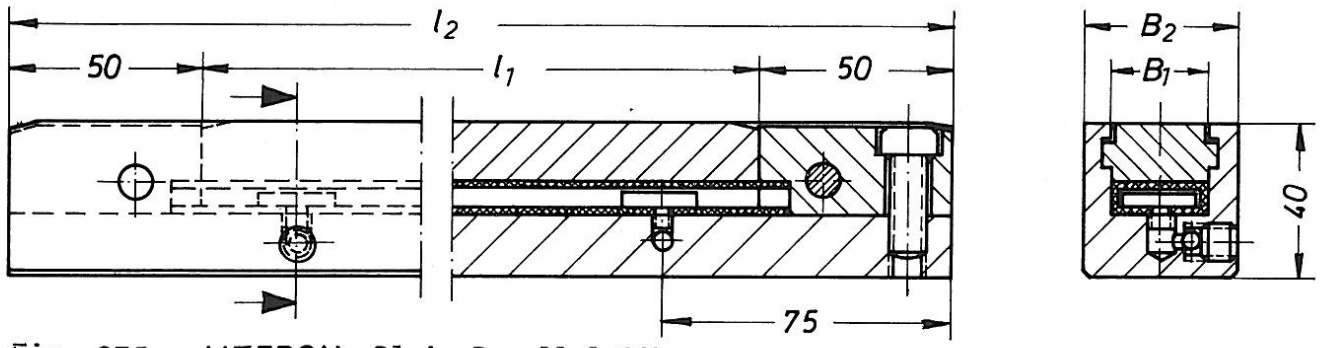

Fig. 675 *METRON* - Plain Parallel Gib

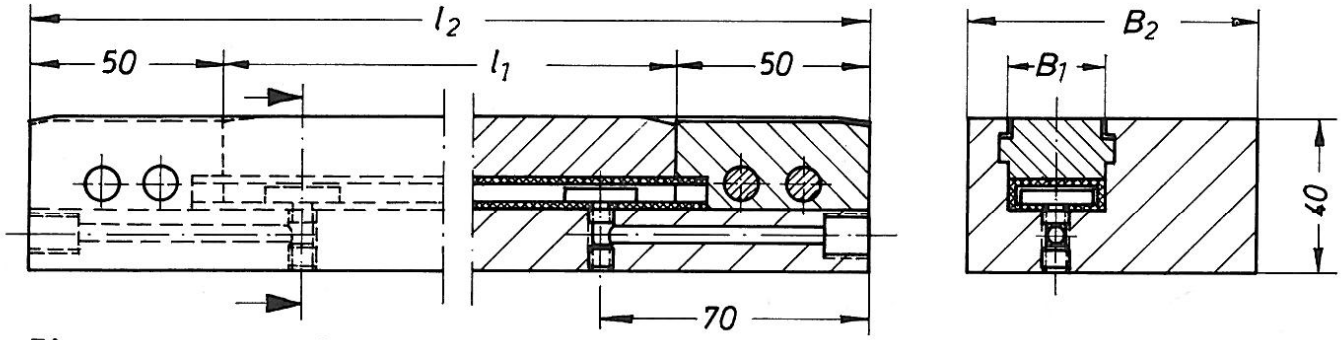

Fig. 676 *METRON*- External Gib

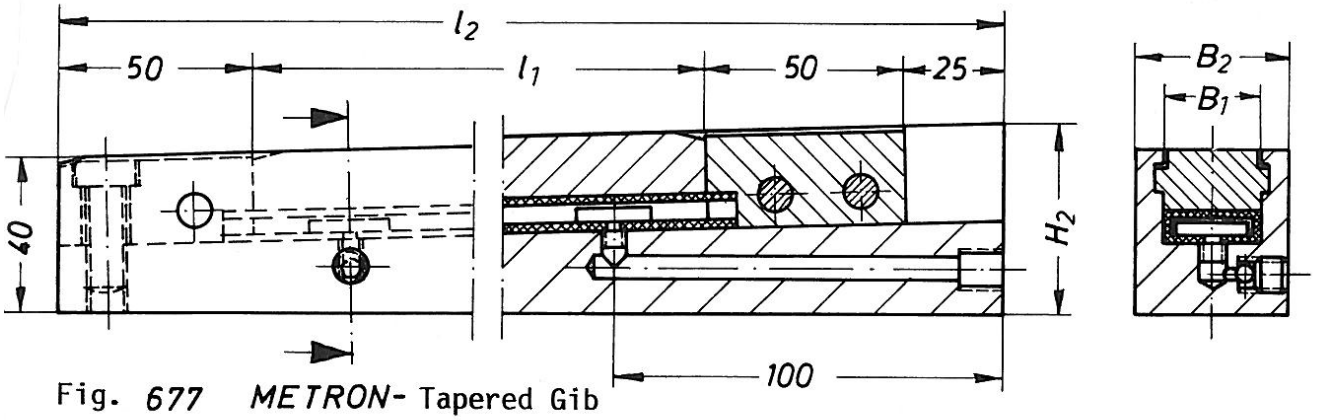

Fig. 677 *METRON*- Tapered Gib

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