

TSTD

TUNNEL FORMWORK STANDARD HALF SHELL

- *A universal tool*
- *Creation of monolithic structure*
- *Ease of reuse*
- *High dimensional precision of structures*



THE HALF-SHELL:

The half-shell consists of a horizontal panel and a vertical panel braced by two struts.

A stand ensures stability, casters allow it to move, and cylinders complete the adjustment possibilities. Positioning cleats and connecting pieces ensure perfect flushing of the formwork surfaces of several half-shells.

BACKGROUND PANEL

A bottom panel can be fitted to the half-shells to cast a shear wall at the same time as the sails and the slab.

SLAB EDGES AND SAIL ENDS The slab edges and sail ends are adjusted to the length of the sails and slabs. They are attached to the formwork during all handling.

STARTER FORMWORK

To position the upper wall precisely, the starter formwork is placed on the half-shells before concreting. The primer is made at the same time as the slab.

RESERVATION FRAMEWORK

At each rotation, frames for doors, windows and hoppers are put in place. The positioning and fixing of these reservations are marked on the formwork.





STANDARD DIMENSIONS

The dimensional possibilities are not limited, the use of standard elements encourages reuse.

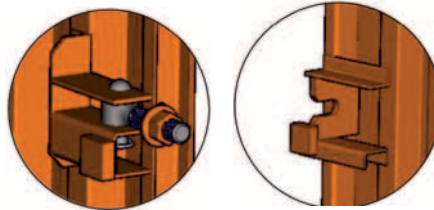
Length: 2.50 m-1.25 m-0.625m

Assembled and stiffened by a beam, formwork elements up to 12.50 m in length can be formed.

Frame width from 2.30 m to 7.30 m.

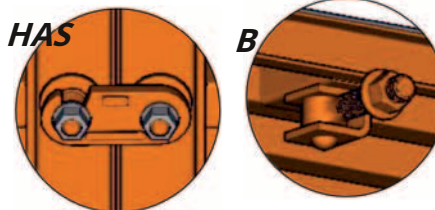
Staff combinations can be supplemented by the use of additional tables or bands.

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Connecting parts vertical panels

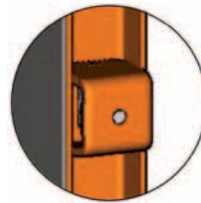
These accessories allow the connection and flushing of vertical panels. They connect the tunnels together to form packages of variable length.



Connecting parts horizontal panels

The horizontal panels are connected together by key locks (A) to form a complete tunnel.

The tunnels are connected to each other by eye rods (B).



Alignment cleats

They allow the tunnels to be positioned between them. These cleats guarantee perfect alignment of the formwork surfaces.

The vertical panel casters (C) and the supports (D) make it easier to remove the formwork from the tunnels.

The tunnels are also equipped with leveling jacks.

