In a flash SBH shoring is ready for use.

Fit the plates with the lower limit pins. Put on the rolling struts, push them against the limit pins and fix them with the upper limit pins.

Depending on the trench width, flange the strut extensions onto the rolling struts.

Connect the assemled plates with each other by screwing the rolling struts together.

ROLLING STRUT BOX
Series 780

Simple

Flexible

Robust

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ROLLING STRUT BOX
Series 780

Plenty of space for excavation work

The SBH rolling strut box makes shoring of trenches an easy job.

Also with the end-supposted box, the well-known rolling strut system enables parallel lowering and removal of the plates.

Strut extensions of various sizes facilitate quick widening of the trench box. The continuously variable slide rails allow plenty of space for excavation work.

➥ **Strut clearance up to 2.78 metres**

➥ **Installation depth up to 4.00 metres**

For very high strut clearance

This trench box, reinforced at the edges, is based on the tried and tested SBH slide rail system »rolling strut«.

It combines the many benefits of the rolling strut from the slide rail system with conventional trench boxes.

The result is a strut clearance that can be continuously and variably set and with a height of up to 2.78 meters.
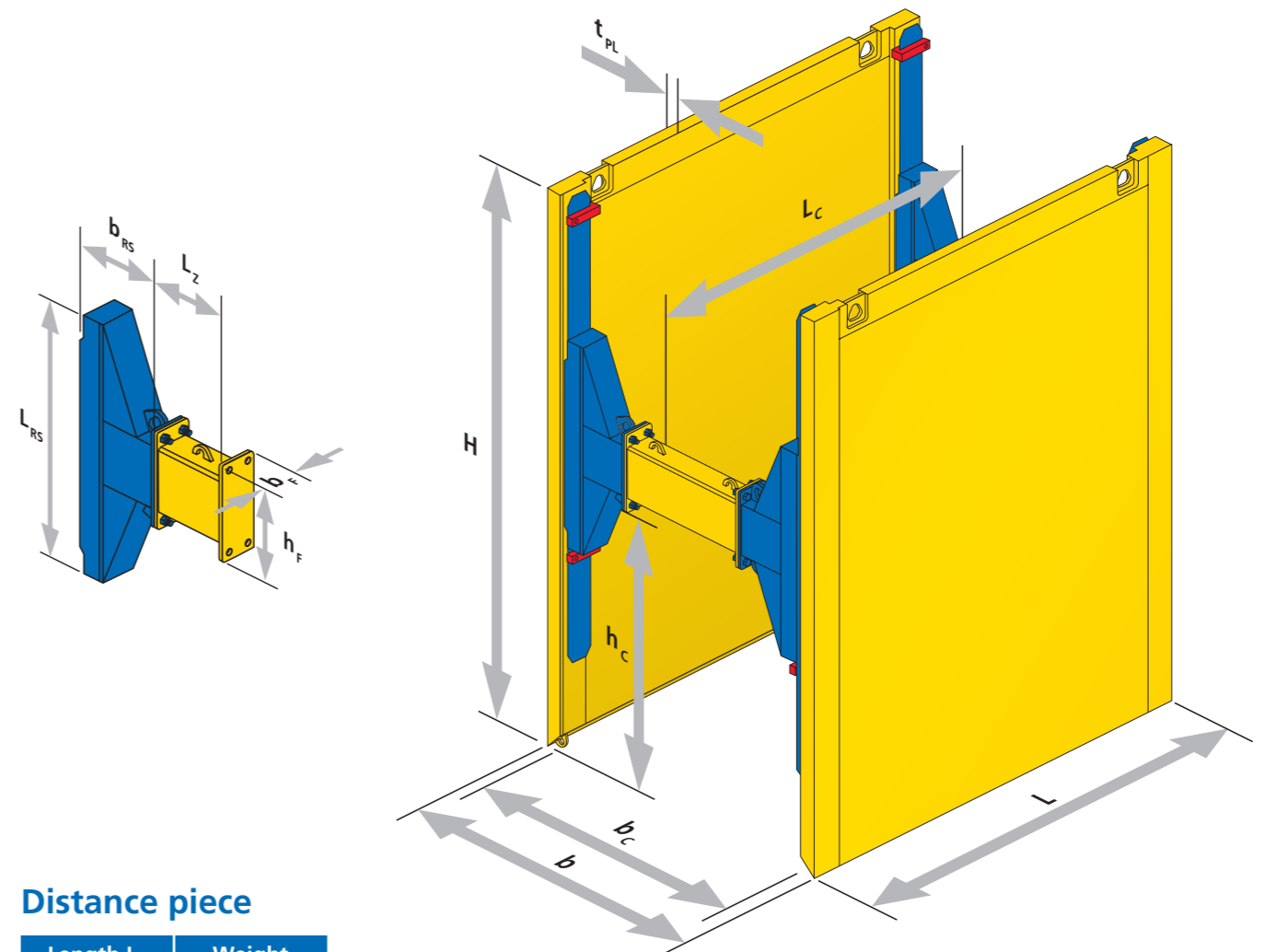
Plates t_{PL} = 86mm

Plate length L [m]	Plate height H [m]	Pipe clearance length L_C [m]	Pipe clearance height h_C [m]	Permissible earth pressure [kN/m²]	Weight per box [kg]
3.15	4.00	2.70	2.78	33.9	3735
4.00	3.15	3.55	1.93	33.1	3535

Rolling strut (RS)

RS-length L_{RS} [m]	RS-width b_{RS} [m]	min. working width b_C [m]	min. trench width b [m]	Flange dimensions b_F x h_F [mm]	Permissible forces [kN]	Weight per RS-pair [kg]
1.50	0.50	1.00	1.37	220 x 560	-112 bis 242	360

Distance piece

Length L_Z [m]	Weight [kg]
0.25	62
0.50	84
0.75	105
1.00	126
1.50	168
2.00	211