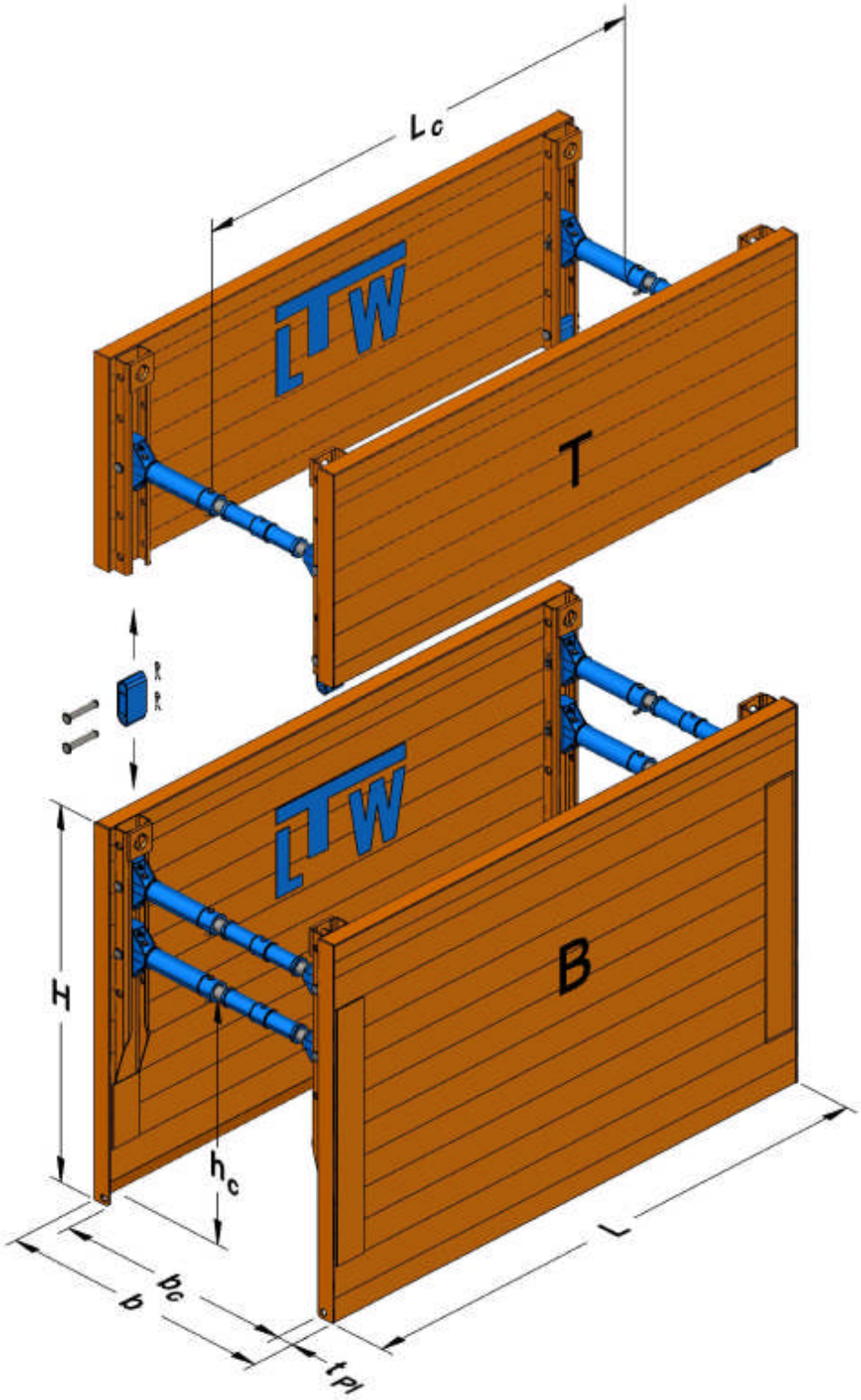
TECHNICAL CHARACTERISTICS
LTW SHORING BOXES VB 60

SYSTEM VIEW



B	Base Box	b	Shoring Width	h_C	Pipe Culvert Height
T	Top Box	b_C	Inner Working Width	L	Plate Length
H	Plate Height	t_{Pl}	Plate Thickness	L_C	Pipe Culvert Length

TECHNICAL CHARACTERISTICS
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BASE BOXES

Plate length L [m]	Plate height H [m]	Plate thickness t_{Pl} [mm]	Pipe culvert length L_C [m]	Pipe culvert height h_C [m]	Limit state design load e_d [kN / m²]	Plate weight G_{PL} [kg]	Box weight G_E [kg]
2,00	*2,40*	*60*	*1,60*	*1,35*	*66,2*	*415*	*1120*
2,50	*2,40*	*60*	*2,10*	*1,35*	*49,8*	*475*	*1240*
3,00	*2,40*	*60*	*2,60*	*1,35*	*33,0*	*535*	*1365*
3,50	*2,40*	*60*	*3,03*	*1,35*	*32,9*	*715*	*1720*

TOP BOXES

Plate length L [m]	Plate height H [m]	Plate thickness t_{Pl} [mm]	Pipe culvert length L_C [m]	Pipe culvert height h_C [m]	Limit state design load e_d [kN / m²]	Plate weight G_{PL} [kg]	Box weight G_E [kg]
2,00	*1,32* *1,56*	*60*	*1,60*		*66,2*	*235* *270*	*610* *690*
2,50	*1,32* *1,56*	*60*	*2,10*		*49,8*	*270* *315*	*680* *770*
3,00	*1,32* *1,56*	*60*	*2,60*		*33,0*	*305* *355*	*750* *850*
3,50	*1,32* *1,56*	*60*	*3,03*		*32,9*	*410* *475*	*960* *1100*

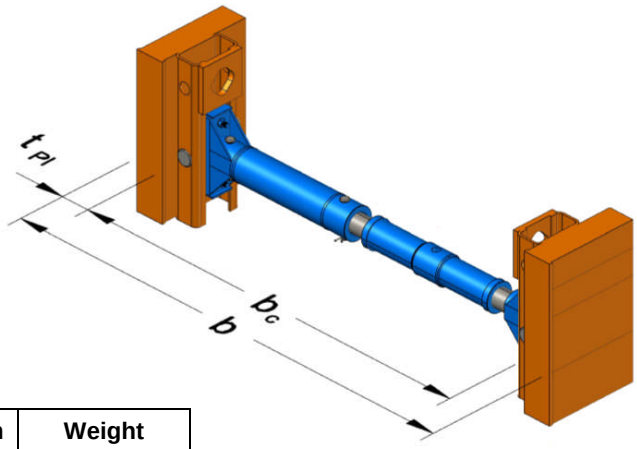
TENSILE FORCES

lifting eyes at the plate head **R_d = 229 kN**

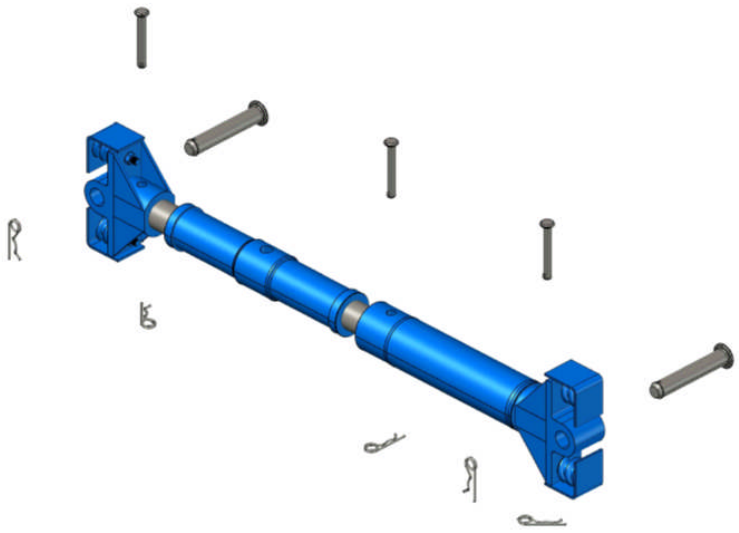
bottom eyes **R_d = 23 kN**

TECHNICAL CHARACTERISTICS
LTW SHORING BOXES VB 60

STANDARD STRUT



Brace Extension [m]	Working Width b_C [m]	Shoring Width b [m]	Weight G [kg]
without	*0,99 - 1,29*	*1,11 - 1,41*	*71,0*
0,30	*1,29 - 1,59*	*1,41 - 1,71*	*15,5*
0,50	*1,49 - 1,79*	*1,61 - 1,91*	*20,0*
0,80	*1,79 - 2,09*	*1,91 - 2,21*	*26,7*
1,00	*1,99 - 2,29*	*2,11 - 2,41*	*31,1*
1,50	*2,49 - 2,79*	*2,61 - 2,91*	*42,3*
2,00	*2,99 - 3,29*	*3,11 - 3,41*	*53,4*
2,50	*3,49 - 3,79*	*3,61 - 3,91*	*64,5*



A strut unit consists of two spring mushrooms, the strut and, if required, a brace extension.

spring mushroom
standard Stut
brace extension

bolt ∅20*148 with locking clip
bolt ∅40*226 with locking clip