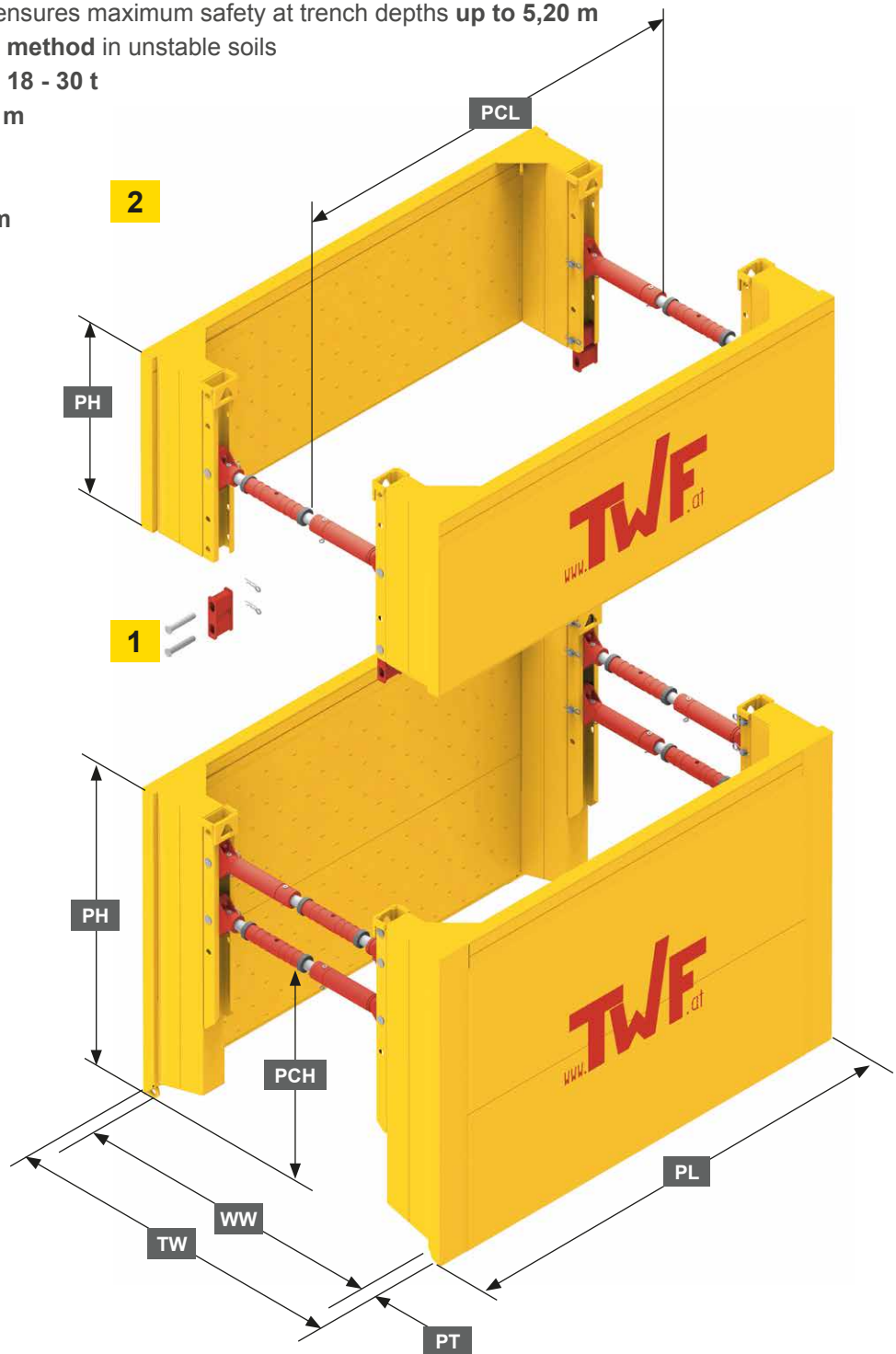


## ► TWF Trench Shoring Systems

### ■ Manhole Box Type 600

- **Solid and hard wearing** - it ensures maximum safety at trench depths up to 5,20 m
- Installation by **lower and cut method** in unstable soils
- Mobile- or crawler excavator: 18 - 30 t
- Maximum trench depth: 5,20 m
- Working width: 1,78 - 5,57 m
- Trench width: 1,99 - 5,78 m
- Pipe clearance height: 1,50 m



1	Base element
2	Top element

PH	Panel height
TW	Trench width
WW	Working width
PT	Panel thickness
PCH	Pipe clearance height
PL	Panel length
PCL	Pipe clearance length

## ► Manhole Box Type 600

Element	Panel length PL (m)	Panel height PH (m)	Panel thickness PT (mm)	PC-length PCL (m)	PC-height PCH (m)	Char. system resistance $R_x$ (kN/m <sup>2</sup> ) *	Weight c/w spindle (kg/box)
1	2,00	2,40	107	1,60	1,30   1,50	114,4   98,6	2182
2		1,40					1357
1	2,50	2,40	107	2,10	1,30   1,50	91,5   78,9	2392
2		1,40					1483
1	3,00	2,40	107	2,60	1,30   1,50	76,3   65,7	2623
2		1,40					1599
1	3,50	2,40	107	3,10	1,30   1,50	65,4   56,3	2968
2		1,40					1706
1	4,00	2,40	107	3,60	1,30   1,50	57,2   49,3	3221
2		1,40					1853

\* The char. system resistance is based on the indicated PC-height.

► Other lengths on request

## ■ Standard Spindle

Number intermediate pipe	Working width WW (m)	Trench width TW (m)	Char. compressive axial force $F_k$ (kN)	Weight complete (kg)
0	1,78 - 2,07	1,99 - 2,28	943	65
1	2,28 - 2,57	2,49 - 2,78	673	86
2	2,78 - 3,07	2,99 - 3,28	517	107
3	3,28 - 3,57	3,49 - 3,78	269	128
4	3,78 - 4,07	3,99 - 4,28	202	149
5	4,28 - 4,57	4,49 - 4,79	165	170
6	4,78 - 5,07	4,99 - 5,29	121	191
7	5,28 - 5,57	5,49 - 5,78	99	212

