

Materials Services  
Infrastructure

# TKZ

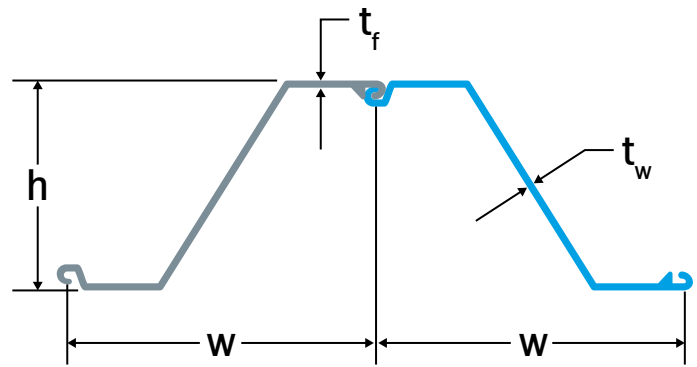
Hot-rolled sheet piling profiles



thyssenkrupp



The new, hot rolled, TKZ range from thyssenkrupp offers customers a range and an economical value like never before. TKZ sheet pile profiles can now be produced up to an elastic section modulus of 5,145 cm<sup>3</sup>/m.



#### TKZ DATA SHEET

Section	Width (w) mm	Height (h) mm	Thickness (t <sub>f</sub> ) mm	Thickness (t <sub>w</sub> ) mm	Sectional Area cm <sup>2</sup> /m	Coating Area <sup>1</sup> m <sup>2</sup> /m	Weight per Single Pile kg/m	Weight per Wall kg/m <sup>2</sup>	Moment of Inertia cm <sup>4</sup> /m	Elastic Section Modulus cm <sup>3</sup> /m	Plastic Section Modulus cm <sup>3</sup> /m
TKZ 12-700	700	314	8.6	8.5	123.5	1.82	67.9	97.0	18,971	1,208	1,418
TKZ 13-700	700	315	9.6	9.5	135.0	1.82	74.2	105.9	20,611	1,308	1,543
TKZ 14-700	700	316	10.6	10.5	146.4	1.82	80.5	114.9	22,262	1,408	1,669
TKZ 12-770	770	344	8.6	8.5	120.8	1.96	72.8	94.5	21,496	1,252	1,488
TKZ 13-770	770	344	9.1	9.0	126.5	1.96	76.2	99.0	22,433	1,304	1,551
TKZ 14-770	770	345	9.6	9.5	132.2	1.96	79.6	103.4	23,370	1,357	1,613
TKZ 17-700	700	420	8.5	8.4	132.8	1.97	73.3	104.7	36,425	1,735	2,032
TKZ 18-700	700	421	9.1	9.0	139.1	1.97	76.7	109.6	38,001	1,807	2,132
TKZ 19-700	700	421	9.6	9.5	145.4	1.97	80.2	114.6	39,578	1,880	2,210
TKZ 20-700	700	422	10.1	10.0	151.7	1.97	83.7	119.5	41,155	1,953	2,304
TKZ 24-700	700	459	11.3	11.2	174.4	2.05	95.8	136.9	55,949	2,437	2,875
TKZ 26-700	700	460	12.3	12.2	187.4	2.05	103.0	147.1	59,843	2,601	3,071
TKZ 27-700	700	461	12.8	12.7	193.6	2.05	106.4	152.0	61,641	2,676	3,089
TKZ 28-700	700	461	13.3	13.2	200.4	2.05	110.1	157.3	63,740	2,764	3,278
TKZ 36-700	700	499	15.1	11.2	216.1	2.18	118.7	169.6	89,753	3,596	4,151
TKZ 38-700	700	500	16.1	12.2	230.2	2.18	126.5	180.7	94,984	3,798	4,363
TKZ 40-700	700	501	17.1	13.2	244.4	2.18	134.3	191.8	100,219	3,999	4,610
TKZ 42-700	700	499	18.1	14.0	260.2	2.17	143.0	204.2	105,543	4,228	4,882
TKZ 44-700	700	500	19.1	15.0	274.3	2.17	150.7	215.3	110,942	4,436	5,096
TKZ 46-700	700	501	20.1	16.0	288.5	2.17	158.5	226.5	116,159	4,635	5,343
TKZ 48-700	700	503	22.1	15.0	290.0	2.17	159.3	227.6	120,467	4,788	5,528
TKZ 50-700	700	504	23.1	16.0	303.4	2.17	166.7	238.2	125,358	4,973	5,713
TKZ 52-700	700	505	24.1	17.0	317.2	2.17	174.3	249.0	130,403	5,162	5,951
TKZ 48-580	580	482	19.2	15.1	307.2	2.01	139.9	241.1	115,712	4,801	5,555

20.01.17.PP • Subject to alterations