

## STANDARD HELICAL PILE CONFIGURATIONS

SHAFT			TORQUE/CAPACITY					STANDARD HELIX CONFIGURATIONS					
PRODUCT CODE	O.D. (inches)	WALL THICKNESS (inches)	MAX TORQUE (ft*lbs)	Kt Factor (Compression)	Kt Factor (Tension)	ULTIMATE COMPRESSION CAPACITY BASED ON TORQUE (Kip)	ULTIMATE TENSION CAPACITY BASED ON TORQUE (Kip)	SINGLE HELIX (inches)	DOUBLE HELIX (inches)	TRIPLE HELIX (inches)	FLIGHTED EXTENSION SINGLE HELIX (inches)	FLIGHTED EXTENSION DOUBLE HELIX (inches)	HELIX THICKNESS (inches)
SQ150	1.50	NA	7,000	10	9	70	59.5	8, 10, 12	8/10, 10/12	8/10/12, 10/12/14	14	14/14	0.375
SQ175	1.75	NA	11,000	10	9	110	99.0	8, 10, 12	8/10, 10/12	8/10/12, 10/12/14	14	14/14	0.5
278203	2.875	0.203	8,000	9	7	72	56	8, 10, 12	8/10, 10/12	8/10/12, 10/12/14	14	14/14	0.375, 0.5
278276	2.875	0.276	10,000	9	7	90	70	8, 10, 12	8/10, 10/12	8/10/12, 10/12/14	14	14/14	0.5
312216	3.50	0.216	13,000	7	6.5	91	84.5	10, 12, 14	10/12, 12/14	8/10/12, 10/12/14, 12/14/16	14	14/14	0.375, 0.5
312300	3.50	0.300	17,000	7	6	119	102	10, 12, 14	10/12, 12/14	8/10/12, 10/12/14, 12/14/16	14	14/14	0.5
412337	4.50	0.337	26,000	5.6	*	145.6	*	12, 14, 16	12/14, 14/16	10/12/14, 12/14/16	*	*	0.5
512361-2	5.50	0.361	40,000	*	*	*	*	14, 16, 18	14/16, 16/18	12/14/16, 14/16/18, 16/18/20	*	*	0.75
512361-3	5.50	0.361	50,000	*	*	*	*	14, 16, 18	14/16, 16/18	12/14/16, 14/16/18, 16/18/20	*	*	0.75
512415	5.50	0.415	60,000	*	*	*	*	14, 16, 18	14/16, 16/18	12/14/16, 14/16/18, 16/18/20	*	*	0.75
700408	7.00	0.408	70,000	*	*	*	*	16, 18, 20	16/18, 18/20	16/18/20, 18/20/22	*	*	0.75
700453	7.00	0.453	110,000	*	*	*	*	16, 18, 20	16/18, 18/20	16/18/20, 18/20/22	*	*	0.75
858322	8.625	0.322	80,000	*	*	*	*	18, 20, 22	18/20, 20/22	18/20/22, 20/22/24	*	*	0.75
*	9.625 - 36.00	*	*	*	*	*	*	*	*	*	*	*	*

Notes:

1. This table is a guide only. Additional shaft and helix sizes can be utilized for specific projects.
2. \* Project specific.

