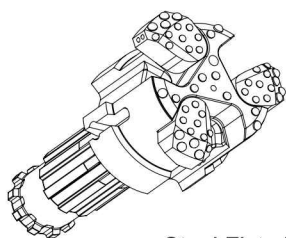


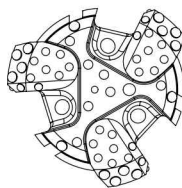
DTH SF (STEEL FIST)

Steel Fist system for down the hole hammer

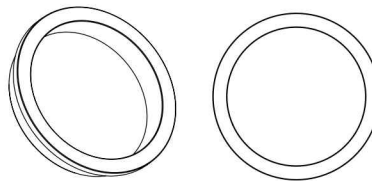
- Designed for specific piling operations, sizes from 273 mm up to 1220 mm
- New economic way for traditional piling work
- Capable of installing water-proof Pipe-Pile-Walls
- No ring bit is needed when piling with DTH SF
- Usage in homogenous soil conditions with small boulders
- Available for all the common Down The Hole hammers
- Can be used for all applications where the casing is left in the ground
- Ideal for piling and installing Pipe-Pile-Walls



Steel Fist pilot bit



Steel Fist impact shoe



DTH SF

Item size

Pipe

Pilot bit

Wings

Hammer

Weight



	[mm]		[in]		[mm]		[in]		[pcs]	[kg]	[lbs]	
	OD	ID	max. OD	max. ID	OD	ID	OD	ID				
273-12.7	273,0	10 3/4	12,7	0.500	287,0	11.299	245,0	9.646	3	8"	86	190
323.9-12.7	323,9	12 3/4	12,7	0.500	338,0	13.307	294,5	11.594	3	8"	118	259
XL2 323.9-12.7	323,9	12 3/4	12,7	0.500	374,0	14.724	294,5	11.594	3	8"	128	282
406.4-12.7	406,4	16	12,7	0.500	420,0	16.535	376,0	14.803	3	10-12"	216	476
XL2 406.4-12.7	406,4	16	12,7	0.500	460,0	18.110	376,0	14.803	3	10-12"	228	503
508-16	508,0	20	16,0	0.630	522,0	20.551	472,0	18.583	3	12"	353	778
XL2 508-16	508,0	20	16,0	0.630	562,0	22.126	472,0	18.583	3	12"	365	805
609.6-16	609,6	24	16,0	0.630	624,0	24.567	571,0	22.480	3	18"	807	1778
XL2 609.6-16	609,6	24	16,0	0.630	664,0	26.142	571,0	22.480	3	18"	820	1808
711-16	711,0	28	16,0	0.630	725,0	28.543	671,0	26.417	3	18"	1090	2403
XL2 711-16	711,0	28	16,0	0.630	765,0	30.118	671,0	26.417	3	18"	1095	2414
813-23	813,0	32	23,0	0.906	826,0	32.520	758,0	29.843	3	18"	1456	3210
XL2 813-23	813,0	32	23,0	0.906	867,0	34.134	758,0	29.843	3	18"	1472	3244
914-20	914,0	36	20,0	0.787	927,0	36.496	864,0	34.016	4	24-30"	1750	3858
XL2 914-20	914,0	36	20,0	0.787	968,0	38.110	864,0	34.016	4	24-30"	1770	3902
1016-16	1016,0	40	16,0	0.630	1030,0	40.551	973,0	38.307	5	24-33"	2050	4518
XL2 1016-16	1016,0	40	16,0	0.630	1070,0	42.126	973,0	38.307	5	24-33"	2080	4586
1220-20	1220,0	48	20,0	0.787	1234,0	48.583	1135,0	44.685	6	30-33"	2970	6548
XL2 1220-20	1220,0	48	20,0	0.787	1274,0	50.157	1135,0	44.685	6	30-33"	3000	6614

When ordering, information about casing diameters (OD and ID) is necessary.

DTH SR / SF Impact Shoe

Item size

Pipe

Impact shoe

Weight



	[mm]		[in]		[mm]		[in]		[kg]	[lbs]
	OD	ID	max. OD	max. ID	OD	ID	OD	ID		
114.3-10	114,3	4 1/2	6,3-10,0	0.248-0.394	80,5	3.169			1	2
139.7-10	139,7	5 1/2	6,3-10,0	0.248-0.394	103,5	4.075			1	2
168.3-12.7	168,3	6 5/8	6,3-12,7	0.248-0.500	122,4	4.819			2	4
219.1-12.7	219,1	8 5/8	6,3-12,7	0.248-0.500	173,0	6.811			3	7
273-12.7	273,0	10 3/4	6,3-12,7	0.248-0.500	226,0	8.898			5	11
323.9-12.7	323,9	12 3/4	6,3-12,7	0.248-0.500	277,0	10.906			6	13
406.4-12.7	406,4	16	6,3-12,7	0.248-0.500	360,0	14.173			8	18
508-16	508,0	20	8,0-16,0	0.315-0.630	456,0	17.953			10	22
609.6-16	609,6	24	8,0-16,0	0.315-0.630	553,0	21.772			13	29
711-16	711,0	28	8,0-16,0	0.315-0.630	654,0	25.748			15	33
813-23	813,0	32	8,0-23,0	0.315-0.906	740,0	29.134			30	66
914-20	914,0	36	10,0-20,0	0.394-0.787	836,0	32.913			35	77
1016-16	1016,0	40	10,0-16,0	0.394-0.630	937,0	36.890			40	88
1220-20	1220,0	48	10,0-20,0	0.394-0.787	1135,0	44.685			50	110