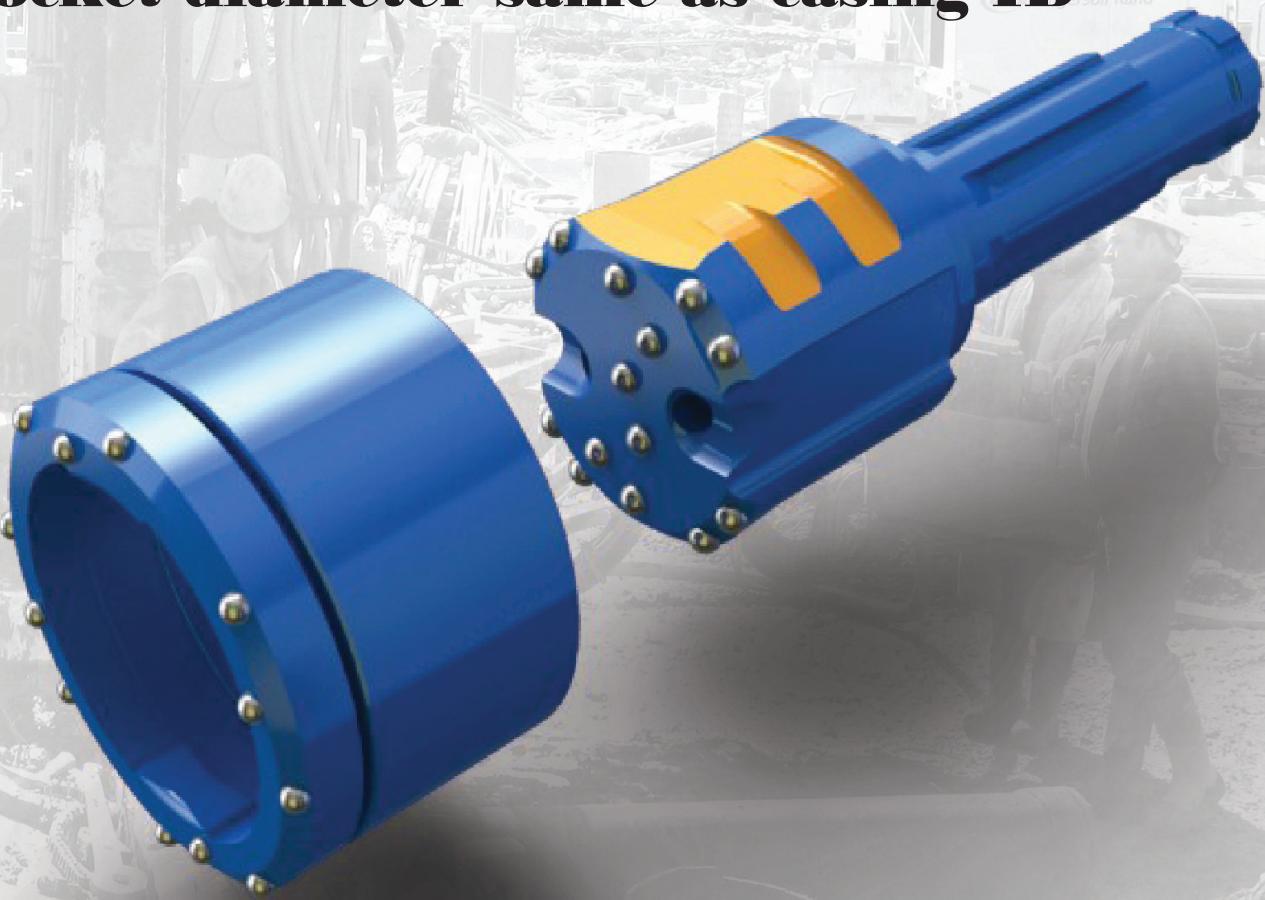




Patent 7,182,156-D496,948-D505,435-D505,141

Overburden casing system

- Pass Through**
- Same driver for casing and socket drilling**
- Easy to start the socket drilling operation**
- Socket diameter same as casing ID**



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165 Joseph-Robertson, Sherbrooke, Quebec, Canada J1L 2W7 Off: (819) 569-4207 Fax: (819) 563-6883

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Step 1 : Once the crown has been welded to the casing, align the driver bit between the crown flats.



Step 2 : Lower the driver bit and turn clockwise to lock the system together.

Step 3 : When the casing reaches the rock, turn counter clockwise and pull back 12 inches.

Step 4 : Turn 90 degrees and go back through the crown for sub-drilling.

The Xs GT system is especially designed for piling, micropiling, anchor installation and other civil engineering applications.

Overburden can be cased and sub-casing anchor sockets drilled in the bedrock in one operation, without removing the drill string.

System	Casing OD	Casing Max Wall	Crown ID	Crown A/F	Crown OD	Driver OD	Hammer
Xs GT 4.500	114.3	0.250 / 6.3	4.000 / 101.6	3.300 / 83.8	5.200 / 132.0	3.950 / 100.3	3"
Xs GT 5.000	127.0	0.300 / 7.5	4.400 / 111.8	3.700 / 93.9	5.625 / 142.8	4.350 / 110.4	4"
Xs GT 5.250	133.3	0.350 / 8.9	4.550 / 115.5	3.850 / 97.7	5.750 / 146.0	4.500 / 114.3	4"
Xs GT 5.500	139.7	0.350 / 8.9	4.800 / 124.5	4.100 / 104.1	6.125 / 155.5	4.850 / 123.1	4"
Xs GT 6.000	152.4	0.390 / 9.9	5.220 / 132.5	4.470 / 113.5	6.500 / 165.1	5.170 / 131.3	4"
Xs GT 6.625	168.3	0.390 / 9.9	5.845 / 141.4	5.145 / 130.6	7.100 / 180.3	5.795 / 147.1	5"
Xs GT 7.000	177.8	0.310 / 7.8	6.380 / 162.0	5.680 / 141.2	7.630 / 193.8	6.330 / 160.7	5" / 6"
Xs GT 7.625	193.7	0.470 / 11.9	6.685 / 169.7	5.835 / 148.2	8.180 / 207.7	6.635 / 168.5	6"
Xs GT 8.625	219.0	0.500 / 12.7	7.625 / 193.6	6.775 / 172.0	9.125 / 231.7	7.575 / 192.4	6"
Xs GT 10.750	273.0	0.500 / 12.7	9.750 / 247.6	8.550 / 217.1	11.800 / 299.7	9.700 / 246.3	8"
Xs GT 12.750	323.8	0.500 / 12.7	11.750 / 298.4	10.55 / 267.9	12.600 / 320.0	11.700 / 297.1	8" / 10"
Xs GT 14.000	355.6	0.500 / 12.7	13.000 / 330.2	11.800 / 299.7	15.050 / 382.2	12.950 / 328.9	10"
Xs GT 18.000	457.2	0.500 / 12.7	17.000 / 431.8	15.500 / 393.7	20.100 / 510.5	16.900 / 429.2	12"
Xs GT 22.000	558.8	0.500 / 12.7	21.000 / 533.4	19.500 / 495.3	24.100 / 612.1	20.900 / 530.8	12"
Xs GT 26.000	660.4	0.500 / 12.7	25.000 / 635.0	23.500 / 596.9	28.100 / 713.7	24.900 / 632.4	12"
Xs GT 30.000	762.0	0.500 / 12.7	29.000 / 736.6	27.500 / 698.5	32.100 / 815.3	28.900 / 734.0	12"
Xs GT 36.000	914.4	0.500 / 12.7	35.000 / 889.0	33.500 / 850.9	38.100 / 967.7	34.900 / 886.4	12"



Xs GT System