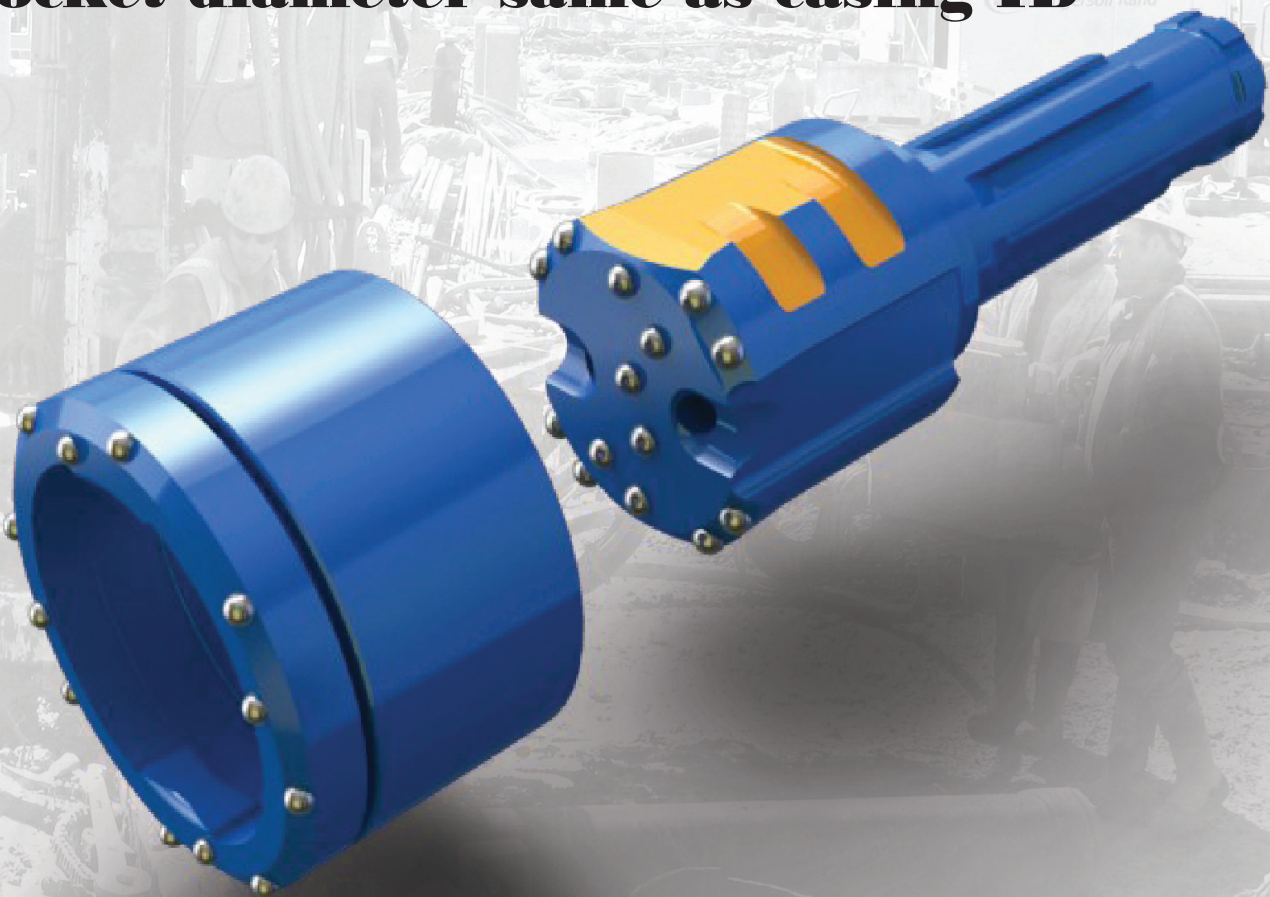


GT SystemTM

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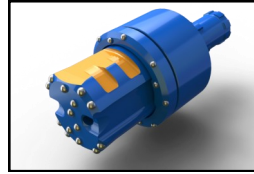
165 Joseph-Robertson, Sherbrooke, Quebec, Canada J1L 2W7 Off: (819) 569-4207 Fax: (819) 563-6883

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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 / 121.5 | 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 / 147.4 | 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 / 144.2 | 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 / 510.6 | 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" |



 **GT System**