



## O-PILE RING BIT SYSTEMS

**O-PILE RING BIT SYSTEMS** are used to drill straight interlocked casings through boulders, rock layers even into inclined bed rock. With O-pile technique one can build interlocked casing walls, roofs and other structures for construction industry. O-Piles can also replace sheet piles and slurry walls in rocky ground conditions.



Main **applications** for O-pile systems are:

1. O-pile walls
2. O-pile roofs
3. Cofferdams
4. Retaining walls
5. Watertight cut off walls

# SPIRALFLUSH®



## O-PILE SYSTEM DESIGN FEATURES



System is available from 273 to 1220 mm casings and for all major shank designs.

| System<br>product code | Casing OD |         | Max wall |        | Ring bit ID |           | Ring bit OD |           | Pilot bit OD |           |
|------------------------|-----------|---------|----------|--------|-------------|-----------|-------------|-----------|--------------|-----------|
|                        | mm        | inch    | mm       | inch   | mm          | inch      | mm          | inch      | mm           | inch      |
| XL273-12.7-192         | 273       | 10 3/4" | 12,7     | 1/2"   | 192         | 7 9/16"   | 333         | 13 7/64"  | 245          | 9 41/64"  |
| XL323-14.2-240         | 323,9     | 12 3/4" | 14,2     | 9/16"  | 240         | 9 29/64"  | 383         | 15 5/64"  | 291          | 11 29/64" |
| XL406-16-328           | 406,4     | 16"     | 16       | 5/8"   | 328         | 12 29/32" | 466         | 18 11/32" | 370          | 14 9/16"  |
| XL508-16-422           | 508       | 20"     | 16       | 5/8"   | 422         | 16 39/64" | 568         | 22 23/64" | 471          | 18 35/64" |
| XL610-16-502           | 609,6     | 24"     | 16       | 5/8"   | 502         | 19 49/64" | 670         | 26 3/8"   | 572          | 22 33/64" |
| XL711-16-610           | 711,2     | 28"     | 16       | 5/8"   | 610         | 24 1/64"  | 771         | 30 23/64" | 675          | 26 37/64" |
| XL813-20-700           | 812,8     | 32"     | 20       | 25/32" | 700         | 27 9/16"  | 873         | 34 3/8"   | 769          | 30 9/32"  |
| XL914-22-780           | 914,4     | 36"     | 20       | 25/32" | 780         | 30 45/64" | 974         | 38 11/32" | 862          | 33 15/16" |
| XL1016-20-880 *        | 1016      | 40"     | 20       | 25/32" | 880         | 34 41/64" | 1076        | 42 23/64" | 966          | 38 1/32"  |
| XL1220-20-1080 *       | 1219,2    | 48"     | 20       | 25/32" | 1080        | 42 33/64" | 1280        | 50 25/64" | 1168         | 45 63/64" |

\*Large diameter system can be engineered based on the specific customer requirements

