

Micropiles



Threaded Casing

Skyline Steel, a wholly-owned subsidiary of ArcelorMittal, has been providing steel piling to the deep foundation industry for more than 30 years. Our material availability and exclusive engineering support has established us as the most trusted source for these materials throughout the U.S., Canada, Mexico, Caribbean, and South America.

As a leader, we are always looking for product synergies to expand our capabilities and better serve the market. Micropiles are considered among the fastest growing deep foundation applications. These versatile threaded casings are also being used for earth retention and slope stabilization systems. Seismic retrofits, limited access sites, unique topography, and environmental issues drive the demand for this drilled pile solution.

Such a variety of applications requires a thorough knowledge of geo-structures. With 90 years of foundation experience, we bring a rich technical history to this expanding market. Skyline Steel has geo-structural specialists strategically located throughout our over 20 North and South American sales offices to support rotary micropile pile projects.

Skyline Steel offers a complete product and service package for threaded casing. Custom lengths are available for all casing sizes to minimize joint make-ups and improve job-site productivity. Machined ends are gauged to ensure proper field connections. Skyline Steel offers prime, new mill secondary, and used pipe in grades J-55 and N-80. Other grades are available upon request.

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Casing OD Diameter in	Casing Wall in	Casing ID in	Cross Sectional Area in ²
5.50	0.415	4.67	6.63
5.50	0.500	4.50	7.85
7.00	0.408	6.18	8.45
7.00	0.453	6.09	9.42
7.625	0.430	6.77	9.72
7.625	0.500	6.63	11.19
9.625	0.545	8.54	15.55
10.750	0.500	9.75	16.10
11.875	0.582	10.71	20.65
13.375	0.480	12.42	19.45

Table data is based upon nominal diameter prime pipe



Starter casing available with carbide button or carbide sinter (ictology) bits



Female and male casing cut and bundled to specifications



Subs available to fit all sizes of casing

Micropiles

Our in-house tooling specialists have the experience to meet your unique specifications.

Casing Accessories

Skyline Steel's GeoStructural Group is positioned to deliver complete accessory packages with your threaded casing. We understand the urgency of your project and stock a wide range of casing accessories for immediate delivery.

J-Teeth

Grout Heads

Duplex Adapters

Ring Bits

Shear Rings

Flange Adapters

Casing Shoes

Protective Caps

Casing Crossover Subs

Tooling Items

Our in-house tooling specialists have the experience to meet your unique specifications. Custom machining is available for duplex and flange adapters to match casing, drill, and drill system requirements. We can also fabricate crossover subs to fit any existing tooling items.

Skyline Steel offers the following tooling items for the installation of micropile casing:

Air Swivels

Casing Crowns

Flushing Heads

Ictology Bits

Diverter Heads

API Crossover Subs

Grout Swivels

API Drill Rods (2 3/8 in to 6 5/8 in)

Downhole Hammers

Cushion Subs

Downhole Hammer Bits

Floating Subs

Stabilizers

Breakout Wrenches

Tricone Bits

Drag Bits



Casing accessories include duplex and flange adapters



Downhole hammers and bits are available in various sizes and shank configurations



API drill rods and casing subs are typical tooling items