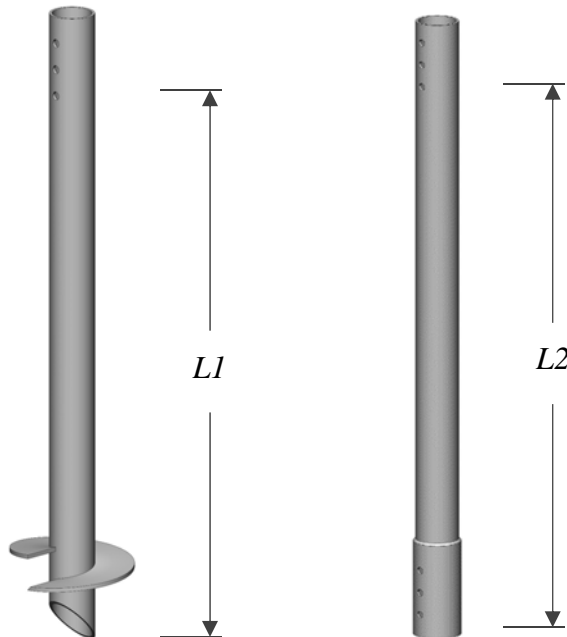


## 4.5" (0.290" WALL) PRESSURE GROUTED DISPLACEMENT PILE (TORQUE RATING – 35,000 FT-LB)

### Notes

- Bolted sleeve couplers
- Estimated grout column diameter of 12"
- Grout port at nose of pile, pressure grouted through ID of pile during installation
- Grout shall have a minimum compression strength of 4,000 psi
- Grout shall be pumped below the maximum pressure of 350 psi during installation
- Shaft Material – OCTG pipe – 80 ksi min yield
- Driver Plate Material – Hot rolled low carbon steel per ASTM A572 Grade 50 minimum
- All welds performed by welders certified by AWS code D1.1
- All driver plates formed with nominal 6" pitch
- Products Hot Dipped Galvanized per ASTM A123 following fabrication. Non-galvanized products are designated with a "U" catalog number suffix.
- Ultimate mechanical rating for compression loading is 304 kips (FHWA), 245 kips (IBC).
- Ultimate mechanical rating for compression loading is 169 kips (FHWA), 153 kips (IBC).
- Additional lead and extension lengths and driver plate diameters (used to form a larger or smaller grout column) available upon request.



4.5" PIPE EXTENSIONS	
Catalog Number	L2 (ft)
G45E20	20
G45E15	15
G45E10	10

4.5" PIPE LEADS		
Catalog Number	Driver Plate Diameter (in)	L1 (ft)
G45L20T12	12	20
G45L15T12	12	15
G45L10T12	12	10