

P35 Series 3-1/2” Helical Pipe Piles

New MacLean-Dixie 3-1/2” “Strength Squared™” Helical Pipe Piles (Patent Pending)

- Square engagement coupling system -- no bolts in shear during installation – no elongated or torn bolt holes and no bent bolts during installation as with round pipe couplings
- Bolt holes align for faster assembly – just insert next extension and add bolt. No alignment issues when in tight quarters – improved productivity
- 2-bolt cross connection for increased rigidity
- Flexible coupling system – use pipe or RCS leads for greater flexibility
- Lighter weight extensions – for easier handling
- Greater torque capacity for size – greater performance value
- Available standard black (not-coated) or hot dip galvanized ASTM A-153
- ICC AC358 Acceptance Criteria For Helical Foundation Systems and Devices

P35 Series 3-1/2” (O.D.) Pipe Pile	
Torque Capacity (ft-lbs)	11,400 ft-lbs
Ultimate Tension/Compression Capacity (pounds-force)	80 KIPS (40 tons)
Pipe Pile O.D. (inches)	3-1/2”
Pipe Pile Wall thickness (inches) *	Schedule 40
Pipe Material	ASTM A500 Grade B
Helix Material	AISI Grade 1011/1018 HSLA 55
Coupling Material	AISI 862002 ASTM A-958 SC1045
RCS lead option	1-3/4” RCS
* Note: Standard wall thickness. Other sizes are available on request.	



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11411 Addison Avenue • Franklin Park, IL 60131
 T: (847) 455-0014 F: (847) 455-0029 • www.macleandixie.com



P35 Series 3-1/2" Helical Pipe Piles



Conventional Pipe Piles -
Elongated/torn holes with round pipe
pile coupling & bolts in shear.

MacLean-Dixie "Strength Squared™" coupling system (Patent pending)



2-bolt Cross Connection



Pipe pile and coupling system
remains undamaged during
installation

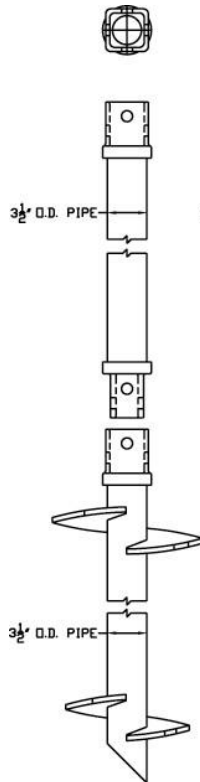


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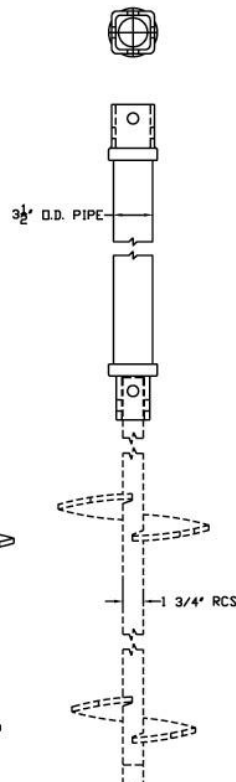
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P35 Series 3-1/2" Helical Pipe Piles

Standard Pipe Pile Lead & Extension



Pipe Pile with RCS Lead Option



Use the **Pipe Pile with RCS Lead Option** when installing into tougher soils. This option uses less installing torque but offers the increased lateral capacity of the pipe extension.

Install with any combination of MacLean-Dixie 1-3/4" RCS lead.

Provides maximum compression capacity with least installing torque.

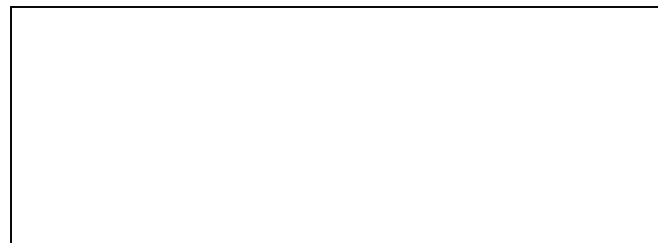
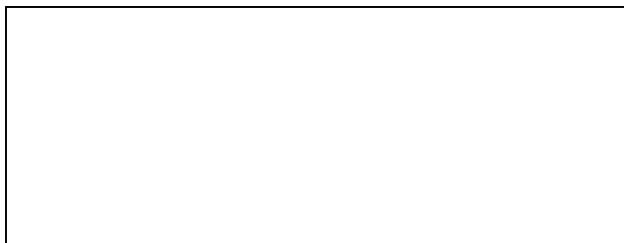
Use for new construction or foundation repair.



Lab & Field tested in accordance to ICC AC358 by ICC accredited laboratory

P35 Series 3-1/2" Helical Pipe Piles

Catalog Number*	Description	Weight lbs	Standard Pack
P3564S8U	3-1/2 x 64" helical pile with 8" (3/8") helix, black	47	20
P3564S10U	3-1/2 x 64" helical pile with 10" (3/8") helix, black	50	20
P3564S12U	3-1/2 x 64" helical pile with 12" (3/8") helix, black	54	20
P3564S810U	3-1/2 x 64" helical pile with 8-10" (3/8") helix, black	54	20
P3564S1012U	3-1/2 x 64" helical pile with 10-12" (3/8") helix, black	61	20
P3564S81012U	3-1/2 x 64" helical pile with 8-10-12" (3/8") helix, black		20
P3584S8U	3-1/2 x 84" helical pile with 8" (3/8") helix, black	60	20
P3584S10U	3-1/2 x 84" helical pile with 10" (3/8") helix, black	63	20
P3584S12U	3-1/2 x 84" helical pile with 12" (3/8") helix, black	66	20
P3584S810U	3-1/2 x 84" helical pile with 8-10" (3/8") helix, black	67	20
P3584S1012U	3-1/2 x 84" helical pile with 10-12" (3/8") helix, black	73	20
P3584S81012U	3-1/2 x 84" helical pile with 8-10-12" (3/8") helix, black	77	20
P3584S101214U	3-1/2 x 84" helical pile with 10-12-14" (3/8") helix, black	88	20
P35E64U	3-1/2 x 64" extension, black **	51	40
P35E84U	3-1/2 x 84" extension, black **	64	30
P35E124U	3-1/2 x 124" extension, black **	89	20
Note: Standard black (not galvanized). Remove "U" for galvanized ,* Other sizes are available on request			
Note: When 1/2" helix required, use RCS lead with 1/2" helix and "Pile with RCS Option"			
** Add suffix "X" for extension with transition to connect with 1-3/4" RCS lead			



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