

P28 Series 2-7/8” Helical Pipe Piles

+

New MacLean-Dixie 2-7/8” “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

P28 Series 2-7/8” (O.D.) Pipe Pile	
Torque Capacity (ft-lbs)	7,500 ft-lbs
Ultimate Tension/Compression Capacity (pounds-force)	60 KIPS (30 tons)
Pipe Pile O.D. (inches)	2-7/8”
Pipe Pile Wall thickness (inches) *	Schedule 40
Pipe Material	ASTM A500 Grade B
Helix Material	AISI Grade 1011/1018 HSLA 55
Coupling Material	AISI 8620 ASTM A-958 SC1045
RCS lead option	1-1/2” RCS
* Note: Standard wall thickness. Other sizes are available on request.	



Building Solid Foundations

11411 Addison Avenue • Franklin Park, IL 60131

T: (847) 455-0014 F: (847) 455-0029 • www.macleandixie.com



P28 Series 2-7/8" 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



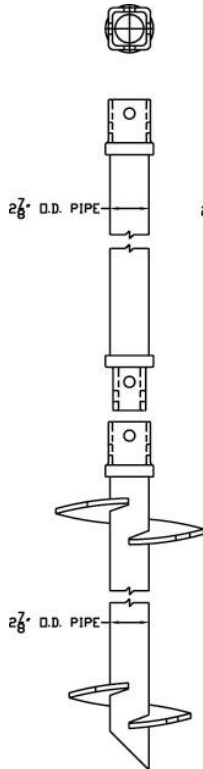
Building Solid Foundations

11411 Addison Avenue • Franklin Park, IL 60131

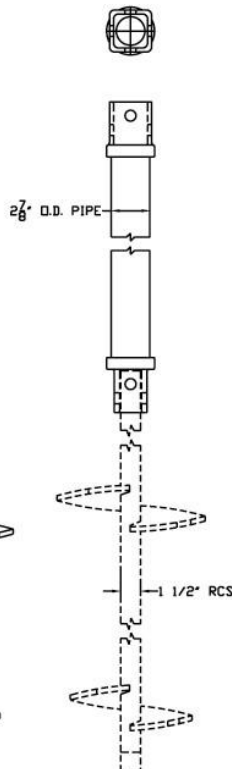
T: (847) 455-0014 F: (847) 455-0029 • www.macleandixie.com

P28 Series 2-7/8" 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 1-1/2" RCS lead.

Provides maximum compression capacity with least installing torque.

Use for new construction or foundation repair.



Lab & Field tested in accordance to ICC
AC308 by ICC accredited laboratory



Building Solid Foundations

11411 Addison Avenue • Franklin Park, IL 60131

T: (847) 455-0014 F: (847) 455-0029 • www.macleandixie.com

P28 Series 2-7/8" Helical Pipe Piles

Catalog Number *	Description	Weight lbs	Standard Pack
P2864S8U	2-7/8 x 64" helical pile with 8" (3/8") helix, black	37	20
P2864S10U	2-7/8 x 64" helical pile with 10" (3/8") helix, black	40	20
P2864S12U	2-7/8 x 64" helical pile with 12" (3/8") helix, black	44	20
P2864S810U	2-7/8 x 64" helical pile with 8-10" (3/8") helix, black	45	20
P2864S1012U	2-7/8 x 64" helical pile with 10-12" (3/8") helix, black	51	20
P2864S81012U	2-7/8 x 64" helical pile with 8-10-12" (3/8") helix, black	56	20
P2884S8U	2-7/8 x 84" helical pile with 8" (3/8") helix, black	47	20
P2884S10U	2-7/8 x 84" helical pile with 10" (3/8") helix, black	50	20
P2884S12U	2-7/8 x 84" helical pile with 12" (3/8") helix, black	54	20
P2884S810U	2-7/8 x 84" helical pile with 8-10" (3/8") helix, black	54	20
P2884S1012U	2-7/8 x 84" helical pile with 10-12" (3/8") helix, black	61	20
P2884S81012U	2-7/8 x 84" helical pile with 8-10-12" (3/8") helix, black	65	20
P2884S101214U	2-7/8 x 84" helical pile with 10-12-14" (3/8") helix, black	76	20
P28E64U	2-7/8 x 64" extension, black **	39	50
P28E84U	2-7/8 x 84" extension, black **	48	40
P28E124U	2-7/8 x 124" extension, black **	68	30
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 1-1/2" RCS lead			



Building Solid Foundations

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