

## **D15 Series 2" RCS Helical Piles/Anchors**

### **MacLean-Dixie D15 Series 2" RCS Helical Piles/Anchors for Compression and Tension Applications**



<b>D15 Series 2" RCS Pile</b>	
Torque Capacity (ft-lbs)	15,000 ft-lbs
Ultimate Tension/Compression Capacity (pounds-force)	150 KIPS (75 tons)
Shaft size across the flats - inches	2"
Shaft Material	ASTM A576 Grade 1530M
Helix Material	AISI Grade 1011/1018 HSLA 55
Steel coupling	ASTM A563 AISI Grade 8620



**Building Solid Foundations**

11411 Addison Avenue • Franklin Park, IL 60131

T: (847) 455-0014 F: (847) 455-0029 • [www.macleandixie.com](http://www.macleandixie.com)

## ***D15 Series 2" RCS Helical Piles/Anchors***

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### **Features and Benefits:**

- Used for tension and compression loads
- Used for new foundation construction or repair
- Installed with no vibration
- Available for immediate use --- no concrete or grout to cure
- No spoils
- Improved productivity; bolt holes align for faster assembly – just insert next extension and add bolt. No alignment issues when in tight quarters
- Greater torque capacity for size – best performance value
- Best used in dense soils where higher torque requirements compared to pipe piles
- Can also use as lead with P45 series pipe piles as combo piles
- Helical piles/anchors may be removed
- Contributes to “**Green**” environment
- Available standard hot dip galvanized ASTM A-153 or black (not coated)



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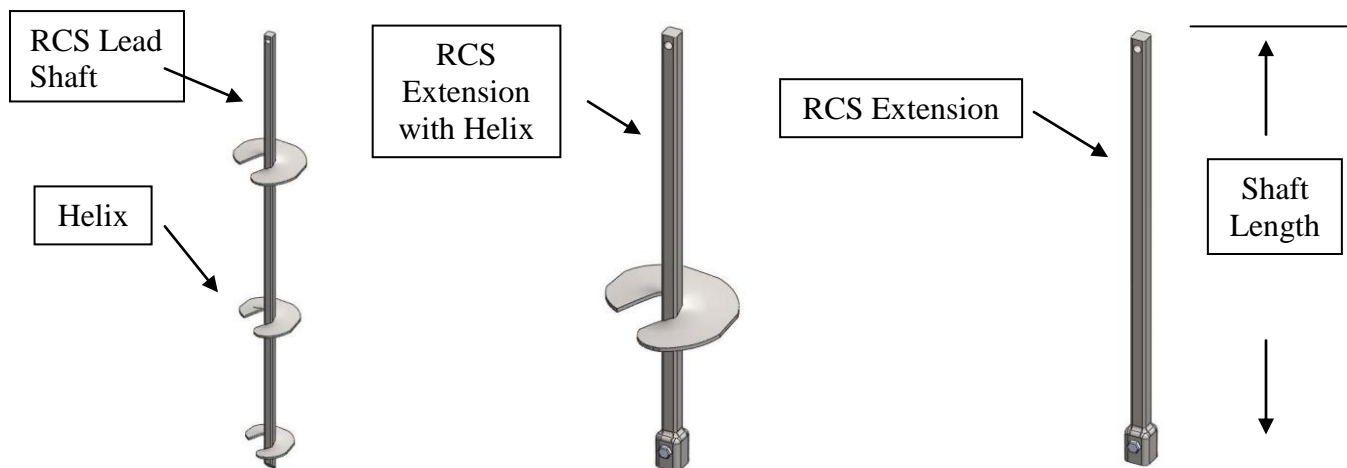
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## D15 Series 2" RCS Helical Piles/Anchors

Catalog Number *	Description	Shaft Length	Helices
D159.5T8	2" RCS x 9.5" helical lead with 8" (1/2") helix	9.5"	8
D1560T8	2" RCS x 60" helical lead with 8" (1/2") helix	60"	8
D1560T10	2" RCS x 60" helical lead with 10" (1/2") helix	60"	10
D1560T12	2" RCS x 60" helical lead with 12" (1/2") helix	60"	12
D1560T810	2" RCS x 60" helical lead with 8-10" (1/2") helix	60"	8-10
D1560T1012	2" RCS x 60" helical lead with 10-12" (1/2") helix	60"	10-12
D1584T8	2" RCS x 84" helical lead with 8" (1/2") helix	84"	8
D1584T10	2" RCS x 84" helical lead with 10" (1/2") helix	84"	10
D1584T12	2" RCS x 84" helical lead with 12" (1/2") helix	84"	12
D1584T810	2" RCS x 84" helical lead with 8-10" (1/2") helix	84"	8-10
D1584T1012	2" RCS x 84" helical lead with 10-12" (1/2") helix	84"	10-12
D1584T81012	2" RCS x 84" helical lead with 8-10-12" (1/2") helix	84"	8-10-12
D1584T101214	2" RCS x 84" helical lead with 10-12-14" (1/2") helix	84"	10-12-14
D15E42T14	2" RCS x 42" extension with 14" (1/2") helix	42"	14
D15E60T12	2" RCS x 60" extension with 12" (1/2") helix	60"	12
D15E60T14	2" RCS x 60" extension with 14" (1/2") helix	60"	14
D15E84T14	2" RCS x 84" extension with 14" (1/2") helix	84"	14
D15E42	2" RCS x 42" extension	42"	-----
D15E60	2" RCS x 60" extension	60"	-----
D15E84	2" RCS x 84" extension	84"	-----
D15E120	2" RCS x 120" extension	120"	-----

Note: Standard Galvanized. Add "U" for black ( not galvanized) \* Other sizes are available upon request  
 Note: Warranty which includes ICC AC358 will be deemed invalid if all material for either the foundation pile or tension anchor is not MacLean Dixie .



## D15 Series 2" RCS Helical Piles/Anchors

MacLean-Dixie Helical Piles and Anchors undergoing rigorous testing at an IAS accredited lab to ICC AC358 Acceptance Criteria For Helical Foundation Systems and Devices. Ongoing quality control program per AC10 with inspections by an IAS accredited inspection agency per AC98



Full scale field testing-  
compression/tension/lateral



Measuring Deflection



Helix Strength Test



Torsion Testing



Bracket Testing

