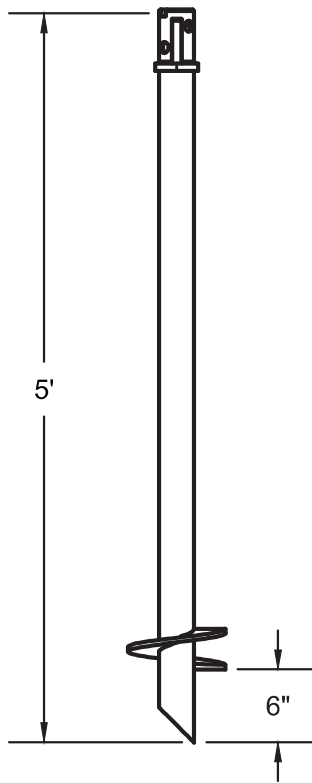


TECHNICAL 2-7/8" DIAMETER

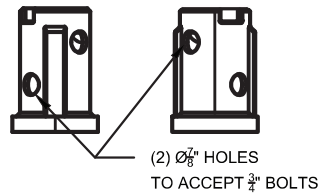
SINGLE HELIX LEADS

2-7/8" 5FT. 8" HELIX LEAD

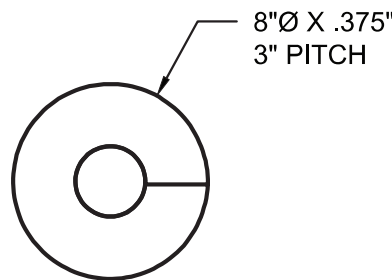
2.88-L58G or 2.88-L58B



PIERTECH PATENTED
CROSS-LOCK COUPLING



PRESS FORMED HELIX
W/ UNIFORM PITCH



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k _t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

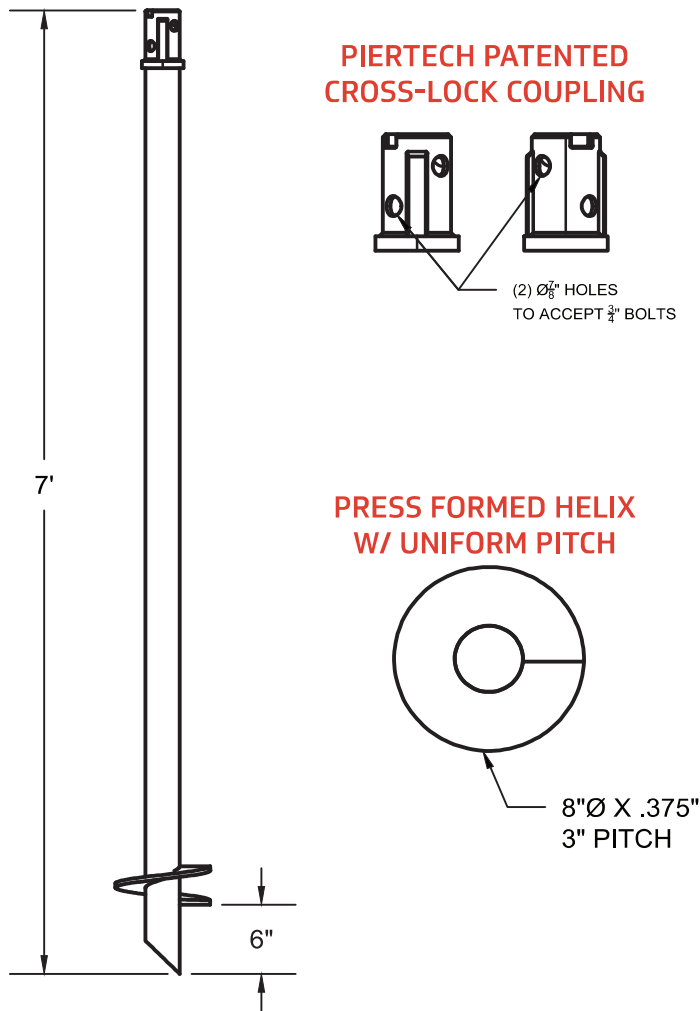
Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC308

SINGLE HELIX LEADS

2-7/8" 7FT. 8" HELIX LEAD

2.88-L78G or 2.88-L78B



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k_t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

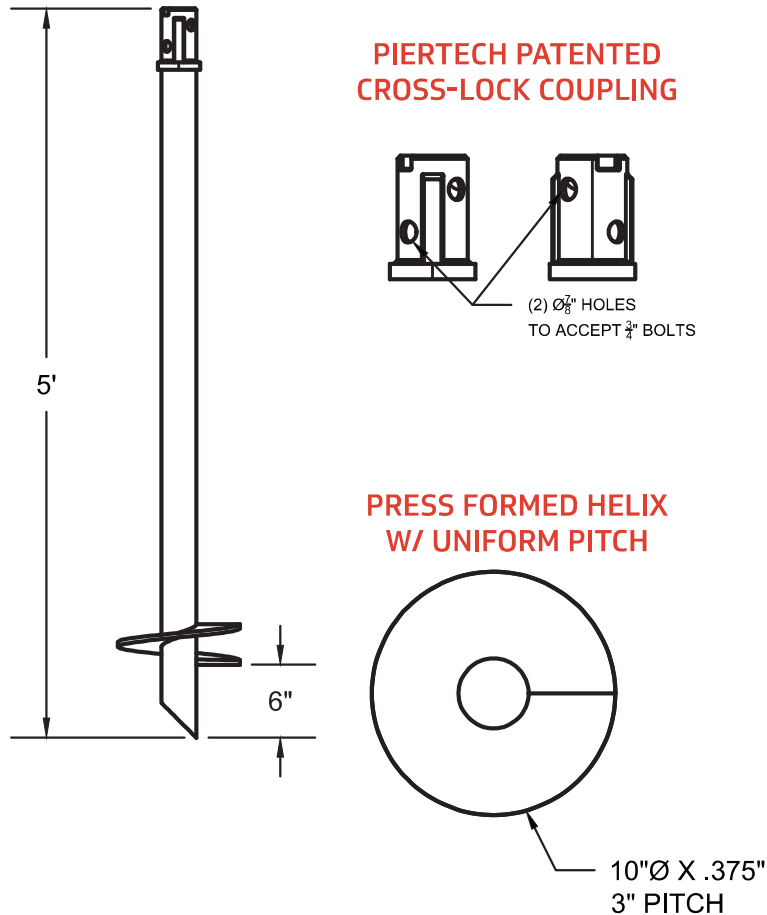
Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC358

SINGLE HELIX LEADS

2.88-L510G or 2.88-L510B

2-7/8" 5FT. 10" HELIX LEAD



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k_t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of Inertia*	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

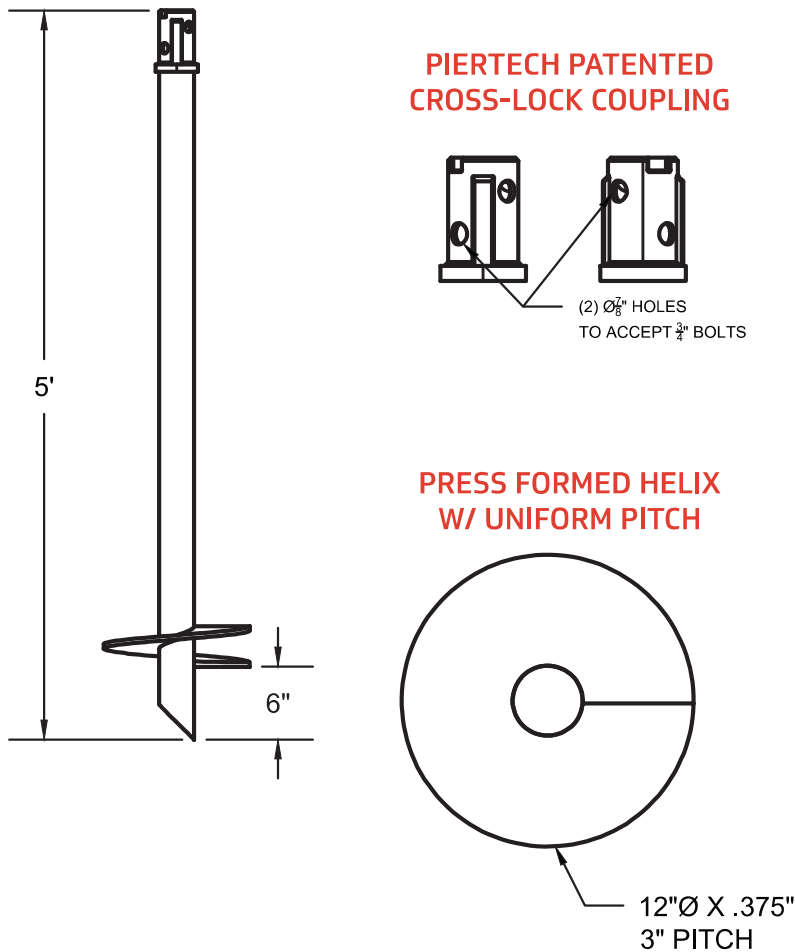
Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC308

SINGLE HELIX LEADS

2-7/8" 5FT. 12" HELIX LEAD

2.88-L512G or 2.88-L512B



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k_t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of Inertia*	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

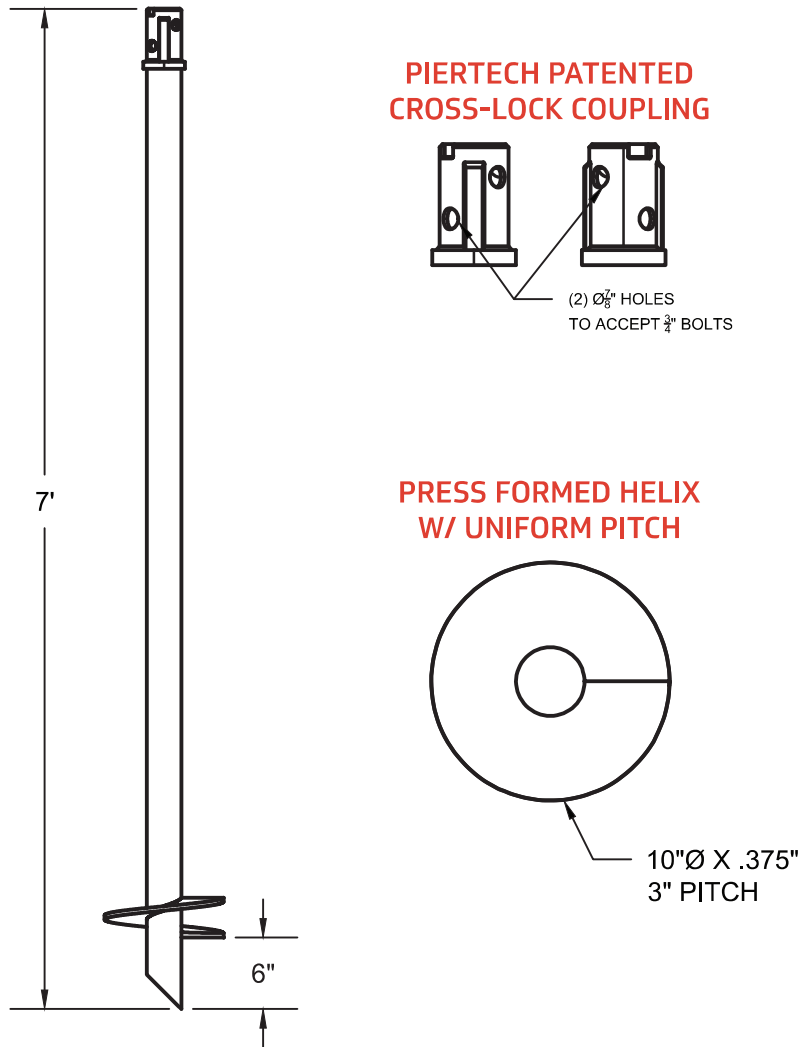
Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC358

SINGLE HELIX LEADS

2-7/8" 7FT. 10" HELIX LEAD

2.88-L710G or 2.88-L710B



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k_t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of Inertia*	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

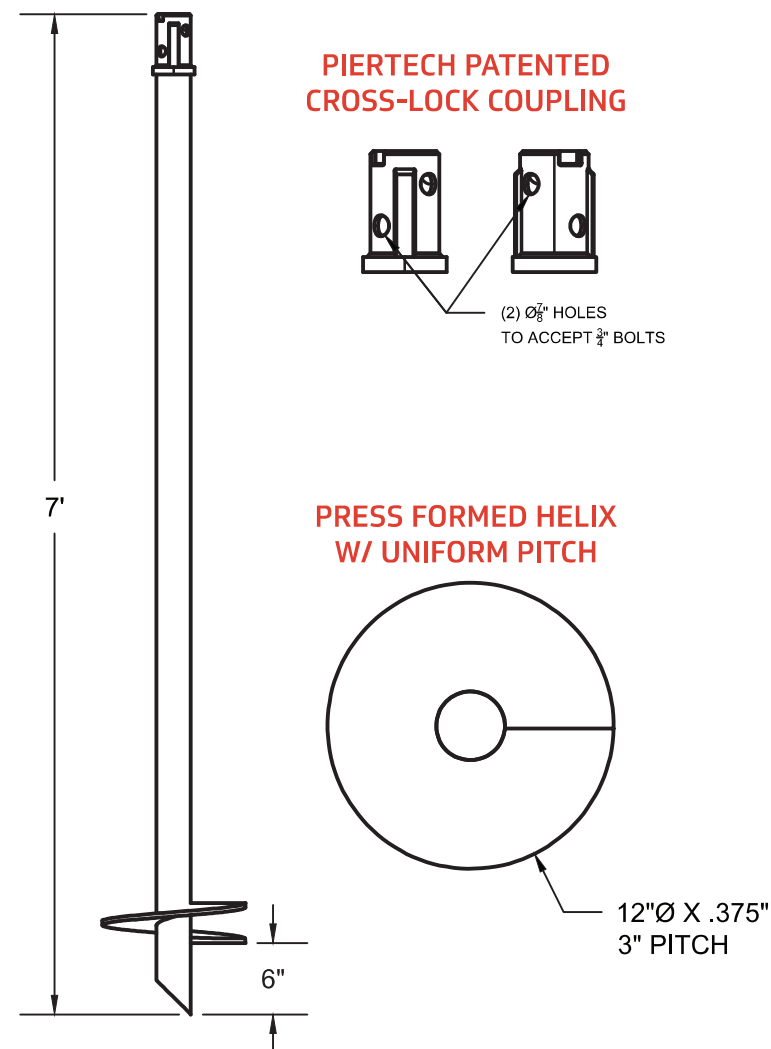
Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC358

SINGLE HELIX LEADS

2.88-L712G or 2.88-L712B

2-7/8" 7FT. 12" HELIX LEAD



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k_t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of Inertia*	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

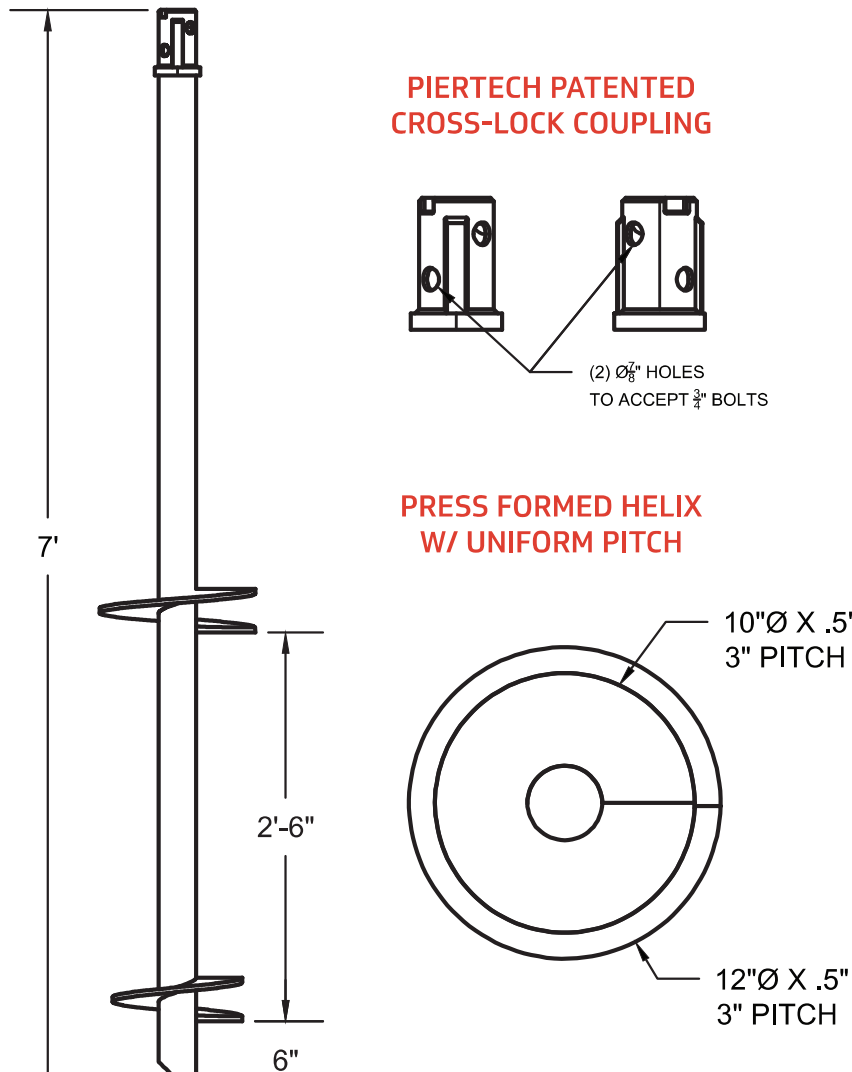
Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC308

DOUBLE HELIX LEADS

2.88-L71012G or 2.88-L71012B

2-7/8" 7FT. 10"-12" HELIX LEAD



ICC ESR 3969 available upon special order request

PILE CAPACITY

Structural Capacity	50 kips(allowable), 100 kips(ultimate)
Torque Rating	8,800 ft-lbs
k_t Factor	9 ft ⁻¹

Geotechnical Capacity

Compression	39.6 kips (allowable), 79.2 kips (ultimate)
Tension	34.4 kips (allowable), 68.8 kips (ultimate)

PRODUCT SPECIFICATIONS

Shaft Properties

Nominal Shaft OD	2.875"
Nominal Wall Thickness	0.217"
Design Wall Thickness	0.202"
Corroded Wall Thickness*	0.166"
Design Area Moment of Inertia	1.52 in. ⁴
Corroded Area Moment of Inertia*	1.25
Design Section Modulus	1.06 in. ³
Corroded Section Modulus*	0.88 in. ³
Shaft Min. Yield Strength	60 ksi
Shaft Min. Ultimate Strength	63 ksi

Helix Properties

Standard Plate Thickness	0.375"
Available Plate Thicknesses	0.5" 0.625" 0.75"
Plate Min. Yield Strength	50 ksi
Standard Helix Pitch	3"
Cutting Profile Options	Standard V-Cut Seashell Cut

Connection Details

Coupling	Piertech Patented Cross-lock
Hardware	(2) 3/4"Ø Grade 5 Min.

Coating Options

Bare Steel
Hot-Dipped Galvanized per ASTM A123/153.

*Based on 50 years per AC358