

EROSION CONTROL FASTENERS

July 2025

Bio Stake


6" Bio Stake 9, biodegradable

500/case

July 2025

Staples


6" Staples
8"

11 Gauge

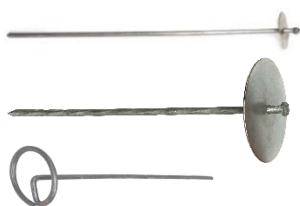
8 Gauge

1000/case

500/case

July 2025

Pins


12" Pins
12" Pins
6" Circle Top Pins

1.5" Washer

4" Washer

11 Gauge

100/case

1000/case

Hex Pin Chuck also available. The 12" Pin with 4" washer is Hot Dip Galvanized.

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EROSION CONTROL FASTENERS



Falcon Hex Pins™ can be used to create erosion control systems designed to firmly secure and support soils deep into the soil strata. These are used for permanent installations utilizing our TRM and HPTRMs.

July 2025

Falcon Hex Pins™

Material Properties

Dimensions	HS-8	HS-12	HR-8	HR-12	HC-8	HC-12
Twist Pin Length	8.0 in	12.0 in	8.0 in	12.0 in	8.0 in	12.0 in
End Length	0.75 in		3.0 in		4.0 in	
Coil Diameter	1.25 in		0.3 in		1.0 in	
Soil Type	Sandy Soil		Rocky Soil		Clay	
Quantity	100/case					

Falcon Hex Pins can be used in conjunction with just about any RECP, however, they are ideally suited to TRM tie-down. The large-diameter head (1.5 in) gives ample catch without the need for additional washers. In comparison to other fasteners, Falcon Hex Pins provide up to ten times the pullout resistance of other fasteners. Typically, a minimum of 25-50 pounds of pullout resistance is required for a TRM installation. In soil soils, staples or straight pins may only provide 10-15. Falcon Hex Pins make these projects viable with greater than sufficient pullout in poor soils.

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EROSION CONTROL FASTENERS



Falcon Anchors™ can be used to create erosion control systems designed to firmly secure and support soils deep into the soil strata. These are used for permanent installations utilizing our TRM and HPTRMs. A drive rod and jackjaw assembly required for proper installation.

All Falcon Anchors have a spring-loaded ceramic crush roller for grip.

July 2025

Falcon Anchors™

Material Properties

Assembly/Part	F80-Z	F80-X	F120-Z	FL120-Z6	FL170-Z6
Cap	Zinc Alloy, 4" Diameter			Zinc Alloy, 6" Diameter	
Cable	1/8" Dia. ZA Coated Steel, 3 ft	1/8" Dia. ZA Coated Extra Strong Steel, 3 ft	1/8" Dia. ZA Coated Steel, 3 ft	1/4" Dia. ZA Coated Steel, 6 ft	
Anchor	Zinc Alloy 3.1" (80mm) x 1.30" (33mm)		Zinc Alloy 4.7" (120mm) x 1.57" (40mm)		Zinc Alloy 6.7" (170mm) x 2.17" (55mm)
Anchor Bearing Area	3.4 in ² (2209 mm ²)		6.0 in ² (3871 mm ²)		13.0 in ² (8387 mm ²)
Typ. Working Load	650 lbs	750 lbs	650 lbs	2,000 lbs	
Max Working Load	1,100 lbs	1,300 lbs	1,100 lbs	3,600 lbs	
Ultimate Assembly Strength	1,300 lbs	1,500 lbs	1,300 lbs	4,000 lbs	
Ultimate Cable Strength	1,700 lbs	2,000 lbs	1,700 lbs	7,000 lbs	
Typical Use	Workhorse Assembly	High Strength Light Assembly	Soft Soil Workhorse Light Assembly	Hard Soil Heavy Assembly	Standard/Soft Soil Heavy Assembly
Quantity	100/case				

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