

# Power Install Screw Anchors



Hubbell Tough One

## Anchors - Tough One Helix Assemblies

Tough One anchors give users high-strength anchor capability in all soils. You get a better anchor at an economical price. With Tough One anchors, there's little concern about anchor breakage when encountering hard soils.

- Anchor's sloped lead point improves penetration and helps soil flow from below the hub to above the anchor
- Tough One anchors use standard PISA rods
- If soil conditions require installations above 10,000 feet-lbs., you will need our Tough One wrench system consisting of drive-end assembly, Kelly bar adapter and locking dog assembly. The high-strength system will also install PISA 6 and 7 anchors

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7270720043	727072	C102-5204	Anchor Tough One for 3/4-Inch or 1-Inch Power Installed Screw Anchor Rod 8-Inch Helix Diameter 8,000 Ft-Lbs Torque Rating
7270760043	727076	C102-5205	Anchor Tough One for 3/4-Inch or 1-Inch Power Installed Screw Anchor Rod 10-Inch Helix Diameter 8000 Ft-Lbs Torque Rating
7270730043	727073	C102-5206	Anchor Tough One for 3/4-Inch or 1-Inch Power Installed Screw Anchor Rod 12-Inch Helix Diameter 8,000 Ft-Lbs Torque Rating
0056930043	005693	C102-5200	Anchor Tough One for 3/4 or 1-Inch Power Installed Screw Anchor Rod 8-Inch Helix Diameter 10,000 Ft-Lbs Torque Rating
3040100043	304010	C102-5201	Anchor Tough One for 3/4 or 1-Inch Power Installed Screw Anchor Rod 10-Inch Helix Diameter 10,000 Ft-Lbs Torque Rating
7270740043	727074	C102-5202	Anchor Tough One for 3/4-Inch or 1-Inch Power Installed Screw Anchor Rod 12-Inch Helix Diameter 10,000 Ft-Lbs Torque Rating



Hubbell PISA 6

## Power Installed Screw Anchors (PISA) and Accessories

Chance standard-strength 4,000 foot-pound anchors and mid-strength 6,000 foot-pound anchors have curvilinear leading edges to help penetrate rocky soils and to reduce damage during installation. Code "CS" stamped into core identifies standard-strength series. Code "CM" stamped into core identifies mid-strength anchors. PISA installation takes about 10 minutes with two workers.

- These anchors are available in single and twin-helix designs
- The same installing wrench installs standard and mid-strength anchors as well as Tough One® series anchors

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7273090043	727309	E102-0819	Anchor PISA 6 Power Installed Screw Anchor for 3/4-Inch or 1-Inch Rod 8-Inch Helix 6000 Ft-Lbs Torque Rating
7270050043	727005	E102-0820	Anchor PISA 6 Power Installed Screw Anchor for 3/4-Inch or 1-Inch Rod 10-Inch Helix 6000 Ft-Lbs Torque Rating
7273080043	727308	E102-0821	Anchor PISA 6 Power Installed Screw Anchor for 3/4-Inch or 1-Inch Rod 12-Inch Helix 6000 Ft-Lbs Torque Rating

# Power Install Screw Anchors



Hubbell Anchor Rod with Twineye Nut

## PISA Anchor Rods, Eyenuts and Combinations

These accessories can be used with any PISA anchors.

- Hot dipped galvanized
- Additional sizes available

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7273010043	727301	12632P	Rod Anchor Power Installed Screw Anchor 3/4-Inch x 7-Feet RUS Galvanized
7273020043	727302	12334P	Rod Anchor Power Installed Screw Anchor 1-Inch x 7-Feet Galvanized
7270180043	727018	E102-0044	Rod Anchor and Eyenut Combination PISA 3/4-Inch x 7-Feet with Twineye Nut Galvanized
7270240043	727024	E102-0052	Rod Anchor and Eyenut Combination PISA 3/4-Inch x 7-Feet with Tripleye Nut Galvanized
7270570043	727057	E102-0053	Rod Anchor and Eyenut Combination PISA 1-Inch x 7-Feet with Tripleye Galvanized
7242550043	724255	6512	Eyenut Anchor Power Installed Screw Anchor Thimbleye for 3/4-Inch or 1-Inch Rod RUS Galvanized
7272180043	727218	6562	Eyenut Anchor Power Installed Screw Anchor Twineye for 3/4-Inch or 1-Inch Rod Galvanized
3040070043	304007	12585	Eyenut Anchor Power Installed Screw Anchor Tripleye for 3/4-Inch or 1-Inch Rod Galvanized

## PISA Anchor Installing Tools

The wrench transmits the torque from the Kelly bar of the digger to the hub of the power-installed screw anchor so that the anchor rod need be only large enough in diameter to support the guy load.

The locking dog assembly has six 1/2-inch holes on 5-1/4-inch bolt circle and includes six 1/2-inch grade 5 bolts, nuts and lock washers.

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
5375620043	537562	C102-1583	Wrench Drive Anchor 1-3/8-Inch x 7-Feet 10,000Lbs Max Torque Rating Fits Standard Lock Dog Assembly C303-0069HD Orange End
5376350043	537635	C303-0069HD	Assembly Standard Locking Dog Complete Anchor Wrench up to 10,000 Ft-Lbs Torque Rating

# Expanding Anchors



Hubbell Closed BUST-CLEAN Anchor

## BUST-CLEAN™ Expanding Anchors

Chance 8-way expanding anchors expand to take the full advantage of the available area. All eight blades wedge into undisturbed earth. There is no wasted space between blades.

This anchor should be installed in relatively dry and solid soils. The effectiveness of the anchor is dependent upon the thoroughness of backfill tamping.

- Four different sizes are available with holding capacity as high as 40,000 pounds. Add suffix "G" for galvanized.

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7270090043	727009	88135	Anchor BUST-CLEAN Expanding for 5/8-Inch or 3/4-Inch Rod with 8-Inch Hole RUS
7270030043	727003	1082	Anchor BUST-CLEAN Expanding for 1-Inch Rod with 10-Inch Hole RUS
7270040043	727004	1283	Anchor BUST-CLEAN Expanding for 3/4-Inch Rod with 10-Inch Hole RUS

## Cross-Plate Anchors

Cross-Plate anchors are installed in a diagonal bored hole which is undercut so the anchor is at right angles to the guy. A rod trench is either cut with a trenching tool or drilled with a small power auger. Both anchor and rod trench should be refilled and tamped.

The Cross-Plate anchor is made for the installation in holes drilled by power diggers. Because the size of the hole does not affect holding capacity, the hole can be dug by the same auger that is used to dig the pole holes on transmission projects.

- Order rods separately

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7270770043	727077	X20	Anchor Cross-Plate for 20-Inch Hole for 5/8-Inch or 3/4-Inch Rod Clear Coat
5131540043	513154	X24-34	Anchor Cross-Plate for 24-Inch Hole for 5/8-Inch or 3/4-Inch Rod Clear Coat

# Expanding Anchors

## Anchors Rods Galvanized

Available for one, two, or three guys for use with expanding, cone, and cross-plate anchors. The Thimbleye®, Twineye® and Tripleye® distribute pulling stresses uniformly over individual strands of guy wire and keep the guy wire from spreading, kinking or bending. The drop-forged eye of each anchor rod is stronger than the rod itself.

- Nuts included
- Each rod is threaded 3-1/2-inch minimum length
- Rod length and diameter are stamped below the eye of each rod eye

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7271040043	727104	5315	Rod Anchor 5/8-Inch x 5-Foot Thimbleye Galvanized
7271520043	727152	5316	Rod Anchor 5/8-Inch x 6-Foot Thimbleye NEMA and RUS Approved Galvanized
7271050043	727105	5317	Rod Anchor 5/8-Inch x 7-Foot Thimbleye NEMA and RUS Approved Galvanized
7271650043	727165	5348	Rod Anchor 5/8-Inch x 8-Foot Twineye NEMA and RUS Approved Galvanized
7270580043	727058	5357	Rod Anchor 3/4-Inch x 7-Foot Twineye NEMA Galvanized
7271570043	727157	5358	Rod Anchor 3/4-Inch x 8-Foot Twineye NEMA and RUS Approved Galvanized
7271620043	727162	5370	Rod Anchor 1-Inch x 10-Foot Twineye NEMA and RUS Approved Galvanized
7270460043	727046	7558	Rod Anchor 3/4-Inch x 8-Foot Tripleye Galvanized
7272050043	727205	7568	Rod Anchor 1-Inch x 8-Foot Tripleye Galvanized
7272060043	727206	7570	Rod Anchor 1-Inch x 10-Foot Tripleye Galvanized
7272070043	727207	7574	Rod Anchor 1-1/4-Inch x 10-Foot Tripleye Galvanized



Hubbell Rock Anchor, Complete with Rods

## Expanding Rock Anchors

The Chance expanding rock anchor is a big time, labor, and money saver. In most cases, there is no need to mix concrete, melt lead, or carry extra, bulky equipment to the job. Generally, the cost of installing the expanding rock anchor is about 35% less than the old-fashioned grouting method.

- Expands and wedges against solid walls of rock
- Malleable iron, dipped in rust-resisting black paint
- Installation is quick and simple
- Bore the hole with hand or power drill with hole 1/8th-inch larger than the diameter of the unexpanded anchor
- Drop the anchor in the hole and put a bar through the large eye of the anchor rod
- Turn the rod until the anchor is firmly expanded against the sides of the hole

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7270390043	727039	R330	Anchor Rock Expanding 1-3/4-Inch x 30-Inch Tripleye RUS Galvanized
7270350043	727035	R353	Anchor Rock Expanding 1-3/4-Inch x 53-Inch Tripleye RUS Galvanized
3040310043	304031	R360	Anchor Rock Expanding 1-3/4-Inch x 60-Inch Tripleye Galvanized
7270930043	727093	R372	Anchor Rock Expanding 1-3/4-Inch x 72-Inch Tripleye Galvanized
7270610043	727061	R130L	Anchor Rock Expanding 2-1/4-Inch x 30-Inch Tripleye Galvanized
7270650043	727065	R153L	Anchor Rock Expanding 2-1/4-Inch x 53-Inch Tripleye Galvanized
7270660043	727066	R172L	Anchor Rock Expanding 2-1/4-Inch x 72-Inch Tripleye Galvanized

# No Wrench Screw Anchors



Hubbell No Wrench Screw Anchor

## No Wrench Screw Anchor

No wrench screw anchors can be installed to a greater depth to reach a firmer soil by using a 6-foot extension rod with forged coupling and a forged Tripleye, catalog number 402. Maximum installing torque is 2300 foot-lbs. for 1-1/4-inch diameter rod.

Hubbell no wrench screw anchors may be installed by hand or machine. The Thimbleye or Tripleye on the rod has a large opening to admit a turning bar for screwing the anchor down. The eye will also fit into an adapter available from most hole-boring machine manufacturers so the anchor may be power-installed. The no wrench screw anchor consists of a drop-forged steel Thimbleye or Tripleye rod welded to a steel helix.

- Entire anchor is hot-dip galvanized for long resistance to rust
- Typical working torque: 3/4-inch rod 400-foot-lbs., 1-inch rod 1000-foot-lbs., 1-1/4-inch rod 2300-foot-lbs

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
7247560043	724756	6346	Anchor No Wrench 6-Inch Helix 3/4-Inch x 66-Inch Rod Tripleye 400 Ft-Lbs Torque Rating Galvanized
7270110043	727011	816	Anchor No Wrench 8-Inch Helix 1-Inch x 66-Inch Rod Tripleye 1000 Ft-Lbs Torque Rating Galvanized
7270120043	727012	10146	Anchor No Wrench 10-Inch Helix 1-1/4-Inch x 66-Inch Rod Tripleye 2300 Ft-Lbs Torque Rating Galvanized
7270130043	727013	10148	Anchor No Wrench 10-Inch Helix 1-1/4-Inch x 96-Inch Rod Tripleye 2300 Ft-Lbs Torque Rating Galvanized

# Corrosion Resistant Anchors

## Corrosion-Resistant Anchors

The corrosion-resistant disc anchor is designed for low resistivity, alkaline and acidic soils with electrolyte combinations. The anchor eye is forged directly to the rod, so the eye is an integral part of the anchor. The anchor's flanged cap nut is forged. It's large and heavy for greater protection. The heatshrink sleeve over the galvanized anchor rod helps prevent moisture from going down the rod. The insulating washer is fiberglass-reinforced thermoset material for better load-bearing properties compared to thermoform materials.

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
0363350043	036335	C102-2008	Anchor Disk Corrosion Resistant for 3/4-Inch Rod 16-Inch Hole
0363360043	036336	C102-2050	Anchor Disk Corrosion Resistant for 1-Inch Rod 24-Inch Hole

## Protected Corrosion-Resistant Anchor Rod

This rod includes fiber-reinforced washer and heavy-forged cap nut. The nut is attached to the rod. The washer is shipped separately in a box. The galvanized rod meets NEMA specifications PH2 plus has asphalt coating, polyethylene tube and heat shrink collar.

### Hubbell Power Systems (AB Chance)

Item No.	EMBARQ Item No.	Mfg. Part No.	Description
0363430043	036343	C200-0064	Anchor Rod Protected Corrosion Resistant 1-Inch x 10-Foot Tripleye Galvanized

