

Wedge Style Anchors



Saves Time, Labor, Money

The Expanding Rock Anchor is a big time, labor, and money saver . . . because, 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

This anchor expands and wedges against solid walls of rock. And, once it is expanded, the harder the pull on the rod-the tighter it wedges. Wedges are made of malleable or ductile iron with a rust-resistant coating. Rod should be in line with the guy.

Installation

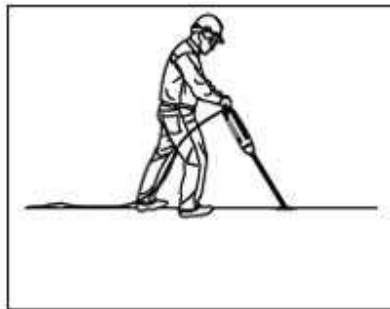
Installation is quick and simple. Bore the hole with hand or power drill, making sure that the diameter of the hole is 1/4-inch larger than the diameter of the unexpanded anchor. Drop the anchor in the hole. Put a bar through the large eye of the anchor rod. Turn the rod until the anchor is firmly expanded

against the sides of the hole. Grouting should be done if protection of the rock against weathering is a concern.

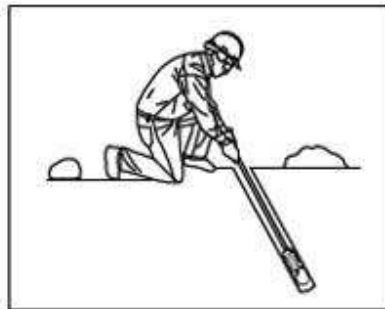
This wedging force holds the anchor securely in place-to stay.

1, 2 or 3 Guy Strands

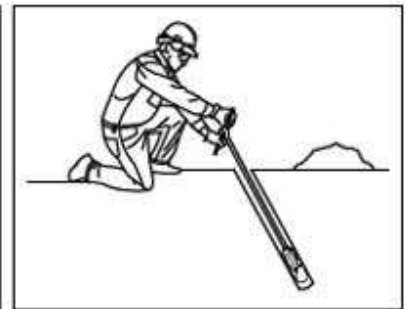
The large drop-forged Tripleye® rod of high-test steel holds up to three guy strands. The contour of the eye grooves keeps the guy strands from spreading, kinking, bending. . . and allows slack to be pulled up without binding, damaging, or weakening the guy.



Drill hole . . .



. . . push anchor into hole



. . . turn rod to expand.

Cat. No.	Rod Dia.	Rod Lth.	Anchor Size	Anchor Fully Exp'd	Hole Size	Approx Weight Per 100	No. in. Bdl.
R315*	3/4"	15"	1-3/4"	2-3/8"	2"	500	5
R330*	3/4"	30"	1-3/4"	2-3/8"	2"	700	5
R353*	3/4"	53"	1-3/4"	2-3/8"	2"	960	5
R360	3/4"	60"	1-3/4"	2-3/8"	2"	1040	5
R372	3/4"	72"	1-3/4"	2-3/8"	2"	1200	4
R384	3/4"	84"	1-3/4"	2-3/8"	2"	1300	4
R396	3/4"	96"	1-3/4"	2-3/8"	2"	1460	3
R130L	1"	30"	2-1/4"	3-1/8"	2-1/2"	1166	3
R153L	1"	53"	2-1/4"	3-1/8"	2-1/2"	1833	3
R172L	1"	72"	2-1/4"	3-1/8"	2-1/2"	2133	2
R196L	1"	96"	2-1/4"	3-1/8"	2-1/2"	2666	2

- *RUS Accepted.
- 3/4" Rod Minimum Ultimate Strength of 23,000 pounds.
- 1" Rod Minimum Ultimate Strength of 36,000 pounds.

Ultimate strength ratings apply to properly installed anchors only. Failure to install within 5° of alignment with the guy load will significantly lower strength. Recommended minimum installation depth is 12" in solid rock.