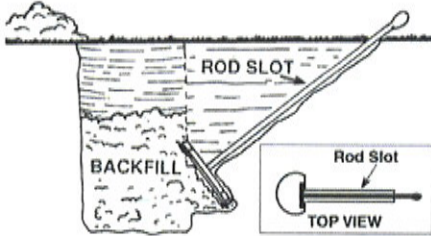


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## Cross-Plate Anchor

The Cross-Plate anchor is made for 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.

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.



Catalog Number	Hole Size In. (mm)	Std. Pkg. / Pallet	Approx. Wt. per Carton Lb. (kg)	Area Sq. In. (Sq cm)	Rod Size (order separately) In. (mm)	Holding Capacity* - (lbs. (kN)) (No Safety Factors Included) vs Soil Class				
						Class 3	Class 4	Class 5	Class 6	Class 7
X16	16 (406)	3/162	62 (28)	150 (968)	5/8 (15.8), 3/4 (19.1)	26500 (117.9)‡	22500 (100.1)‡	18500 (82.3)‡	14500 (64.5)	9500 (42.3)
X20	20 (508)	2/56	64 (29)	250 (1613)	5/8 (15.8), 3/4 (19.1)	34000 (151.2)‡	29000 (129.0)‡	24000 (106.8)‡	19000 (84.5)‡	14000 (62.3)
X201	20 (508)	2/56	64 (29)	250 (1613)	1 (25.4)	34000 (151.2)	29000 (129.0)	24000 (106.8)	19000 (84.5)	14000 (62.3)
X2434*	24 (610)	1/24	34 (15)	400 (2581)	5/8 (15.8), 3/4 (19.1)	45000 (200.2)‡	37000 (164.6)‡	30000 (133.4)‡	23500 (104.5)‡	18000 (80.1)‡
X24†	24 (610)	1/24	34 (15)	400 (2581)	1 (25.4)	45000 (200.2)‡	37000 (164.6)‡	30000 (133.4)	23500 (104.5)	18000 (80.1)
X241†	24 (610)	1/24	34 (15)	400 (2581)	1-1/4 (31.7)	45000 (200.2)	37000 (164.6)	30000 (133.4)	23500 (104.5)	18000 (80.1)

Click on Catalog Number to view sales drawing

†X24 Series are not available in carton and are shipped as individual pieces.

‡Ultimate strength of rod may limit holding capacity. (See page 4-17 for rod ratings and selection.)

Add suffix "G" for galvanized. Example: X20G.

\*RUS Accepted.

Note: Capacity ratings apply to properly installed anchors only. Failure to install within 5° of alignment with the guy load will significantly lower strength.

For Class 3, 4, 5, and 6 soils, the depth required to achieve the holding capacities listed in the table is 5 vertical feet to the center of the plate. For Class 7 soils, the depth required is 7 vertical feet to the center of the plate.

Holding capacities are ultimate values. An appropriate factor of safety should be used to determine the allowable or service load. Hubbell Power Systems, Inc. recommends a factor of safety of at least 2 for permanent structures

