

**CROSS-PLATE ANCHOR
HOLDING CAPACITY CHART FOR CROSS-PLATE ANCHORS**

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)

†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