

POLE TOP OPTIONS:
OPEN TOP
SIDE DRILL
TENON
TENON @ 90°
OTHER

REPLACE CHART TO RIGHT
WITH COMPLETE CHART
FROM 8'-40' AS SHOWN ON
ATTACHED SQUARE POLE
EPA CHART

SEE POLE SHAFT
INFORMATION

REINFORCED
HANDHOLE
WITH COVER

FULL 2 PIECE BASE COVER

4 - SEE ANCHOR BOLTS
INFORMATION

BASE DETAIL

SEE POLE BASE INFORMATION

Square Non-Tapered Steel

Nominal Mtg. Height (ft)	Pole Shaft Information			Pole Base Plate			Anchor Bolts	80 MPH with	90 MPH with	100 MPH with 1.3
	Pole Specification Number	Pole O.D. (in)	Wall Thk. (in)	Thk. (in)	Sq. (in)	Bolt Circle Dia. (in)	Dia. X Lgth. X Hook (in)	Max. EPA (ft ²)	Max. EPA (ft ²)	Max. EPA (ft ²)
25	CSB88411-25	4	0.120	0.75	8	8	.75 X 18 X 3	5.4	2.8	-
	CSB88407-25	4	0.188	0.75	8	8	.75 X 18 X 3	5.9	3.4	-
	CSB88407-25A	4	0.188	1	8	8	1 X 24 X 4	11.1	7.5	5
	CSB88511-25	5	0.120	0.75	10	10.5	.75 X 18 X 3	8.1	4.8	2.4
	CSB88507-25	5	0.188	1	10	10.5	1 X 24 X 4	20.2	14.3	10.1
	CSB88607-25	6	0.188	1	12	12.5	1 X 24 X 4	24.3	17.3	12.3
27'6"	CSB88407-27.5	4	0.188	1	8	8	1 X 24 X 4	9	5.7	3.4
	CSB88511-27.5	5	0.120	1	10	10.5	1 X 24 X 4	8.4	5.3	2.7
	CSB88507-27.5	5	0.188	1	10	10.5	1 X 24 X 4	16.9	11.5	7.8
	CSB88607-27.5	6	0.188	1	12	12.5	1 X 24 X 4	20.4	14	9.5
30	CSB88407-30	4	0.188	1	8	8	1 X 24 X 4	7.1	4.1	2.3
	CSB88511-30	5	0.120	1	10	10.5	1 X 24 X 4	6.4	3.2	-
	CSB88507-30	5	0.188	1	10	10.5	1 X 24 X 4	14	9.1	5.6
	CSB88607-30	6	0.188	1	12	12.5	1 X 24 X 4	17	11.1	7
35	CSB88507-35	5	0.188	1	10	10.5	1 X 24 X 4	9.2	5	2
	CSB88607-35	6	0.188	1	12	12.5	1 X 24 X 4	11.2	6.2	2.6
	CSB88607A-35	6	0.188	1.25	12	12.5	1.25 X 44 X 4	14	8.5	4.5
	CSB88603-35	6	0.250	1.25	12	12.5	1.25 X 44 X 4	23.2	17.1	11.7
40	CSB88607-40	6	0.188	1	12	12.5	1 X 24 X 4	6.4	2	-
	CSB88607-40A	6	0.188	1.25	12	12.5	1.25 X 44 X 4	8.9	4	-
	CSB88603-40	6	0.250	1.25	12	12.5	1.25 X 44 X 4	12.6	7	2.9



SQUARE POLE
CSB SERIES



3745 S 7TH AVE,
PHOENIX, AZ 85041
602-268-8895

1/1/2021

Standard Specifications (Square Poles):

- Pole Shaft:** The pole shaft is fabricated from weldable grade hot-rolled square tubing that meets or exceeds the requirements of ASTM A500C. It has a minimum yield strength of 48,000 psi.
- Anchor Base:** The base plate is fabricated from a structural quality hot-rolled carbon plate that meets or exceeds the requirements of ASTM-A36. It has a minimum yield strength of 36,000 psi or 55 ksi if requested.
- Anchor Bolts:** Anchor bolts are fabricated from hot-rolled carbon steel bar that meet or exceed requirements of ASTM-A36. Each bolt has an "L" bend on one end and a minimum 4" thread on the other, with 2 nuts and 2 washers (assembled). The anchor bolt is hot-dipped galvanized per ASTM-A153.
- Handhole:** The handhole consists of a 3" x 5" oval reinforced frame with 16 gauge cover, steel attachment bar, and 1/4" screw. A grounding lug is installed inside the pole shaft opposite the handhole opening. The handhole is welded in the pole shaft and located at 12" above the base.
- Finish:** After fabrication, the pole is sand blasted to a near white finish and treated with an iron phosphate solution. A high quality polyester powder is then electrostatically applied and cured to a minimum 2.5 mil. thickness.

All Cem-tec square poles include the following standard equipment:

- handhole with steel cover and attachment cleat
- weatherproof plastic cap for drilled poles
- 2 piece square steel base cover
- anchor bolts
- aluminum grounding lug
- polyester powder coat finish (standard colors are bronze, black, white, gray, silver)
- single or double side drilling to match fixture

The following options are available upon request:

- additional drillings @ \$15.00 ea.
- tenon @ \$20.00... **T2** (2-3/8"), **T2.5** (2-7/8"), **T3** (3"), **T3.5** (3-1/2"), **T4** (4")
- duplex provision @ \$30 (square pole).....@ \$45 (round pole)
- additional handhole w/ cover @ \$30 ea.
- handhole / coupling combination @ \$60 ea.
- non standard powder coat color
- 4" sq @ \$6.00 per ft.
- 5" sq @ \$6.50 per ft.
- 6" sq @ \$7.00 per ft.

FREIGHT—prices include local delivery only. Consult factory for non local and out of state shipments.



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Square Non-Tapered Steel

Nominal Mtg. Height (ft)	Pole Shaft Information			Pole Base Plate			Anchor Bolts	80 MPH with 1.3 Gust	90 MPH with 1.3 Gust	100 MPH with 1.3 Gust
	Pole Specification Number	Pole O.D. (in)	Wall Thk. (in)	Thk. (in)	Sq. (in)	Bolt Circle Dia. (in)	Dia. X Lgth. X Hook (in)	Max. EPA (ft ²)	Max. EPA (ft ²)	Max. EPA (ft ²)
8	CSB411-08	4	0.120	0.5	8	8	.75 X 18 X 3	25.4	19.7	15.2
	CSB511-08	5	0.120	0.5	10	10.5	.75 X 18 X 3	33.3	25.8	20.4
10	CSB411-10	4	0.120	0.5	8	8	.75 X 18 X 3	19.5	14.9	11.6
	CSB511-10	5	0.120	0.5	10	10.5	.75 X 18 X 3	25.6	19.6	15.3
12	CSB411-12	4	0.120	0.5	8	8	.75 X 18 X 3	15.3	11.5	8.8
	CSB511-12	5	0.120	0.5	10	10.5	.75 X 18 X 3	20.2	15.2	11.6
14	CSB411-14	4	0.120	0.75	8	8	.75 X 18 X 3	17.2	12.8	9.8
	CSB511-14	5	0.120	0.75	10	10.5	.75 X 18 X 3	23.8	17.9	13.7
15	CSB411-15	4	0.120	0.75	8	8	.75 X 18 X 3	15.5	14.5	11.9
	CSB511-15	5	0.120	0.75	10	10.5	.75 X 18 X 3	21.7	16.8	12.3
16	CSB411-16	4	0.120	0.75	8	8	.75 X 18 X 3	14.1	10.3	7.7
	CSB407-16	4	0.188	0.75	8	8	.75 X 18 X3	18.8	14.8	13.3
	CSB511-16	5	0.120	0.75	10	10.5	.75 X 18 X 3	19.7	14.5	10.8
18	CSB411-18	4	0.120	0.75	8	8	.75 X 18 X 3	11.6	8.3	5.9
	CSB407-18	4	0.188	0.75	8	8	.75 X 18 X 3	12.3	8.8	6.5
	CSB511-18	5	0.120	0.75	10	10.5	.75 X 18 X 3	16.3	11.7	8.5
20	CSB411-20	4	0.120	0.75	8	8	.75 X 18 X 3	9.5	6.5	4.4
	CSB407-20	4	0.188	0.75	8	8	.75 X 18 X 3	10.1	7	4.9
	CSB407-20A	4	0.188	1	8	8	1 X 24 X 4	13.5	9.5	6.5
	CSB511-20	5	0.120	0.75	10	10.5	.75 X 18 X 3	13.5	9.5	6.5
	CSB507-20	5	0.188	1	10	10.5	1 X 24 X 4	28.6	21.3	16.1
22'6"	CSB411-22.5	4	0.120	0.75	8	8	.75 X 18 X 3	7.3	4.7	2.8
	CSB407-22.5	4	0.188	0.75	8	8	.75 X 18 X 3	7.9	5.1	3.2
	CSB407-22.5A	4	0.188	1	8	8	1 X 24 X 4	13.6	9.7	6.8
	CSB511-22.5	5	0.120	0.75	10	10.5	.75 X 18 X 3	10.6	6.9	4.3
	CSB507-22.5	5	0.188	1	10	10.5	1 X 24 X 4	24	17.5	12.9
25	CSB411-25	4	0.120	0.75	8	8	.75 X 18 X 3	5.4	2.8	-
	CSB407-25	4	0.188	0.75	8	8	.75 X 18 X 3	5.9	3.4	-
	CSB407-25A	4	0.188	1	8	8	1 X 24 X 4	11.1	7.5	5
	CSB511-25	5	0.120	0.75	10	10.5	.75 X 18 X 3	8.1	4.8	2.4
	CSB507-25	5	0.188	1	10	10.5	1 X 24 X 4	20.2	14.3	10.1
	CSB607-25	6	0.188	1	12	12.5	1 X 24 X 4	24.3	17.3	12.3
27'6"	CSB407-27.5	4	0.188	1	8	8	1 X 24 X 4	9	5.7	3.4
	CSB511-27.5	5	0.120	1	10	10.5	1 X 24 X 4	8.4	5.3	2.7
	CSB507-27.5	5	0.188	1	10	10.5	1 X 24 X 4	16.9	11.5	7.8
	CSB607-27.5	6	0.188	1	12	12.5	1 X 24 X 4	20.4	14	9.5
30	CSB407-30	4	0.188	1	8	8	1 X 24 X 4	7.1	4.1	2.3
	CSB511-30	5	0.120	1	10	10.5	1 X 24 X 4	6.4	3.2	-
	CSB507-30	5	0.188	1	10	10.5	1 X 24 X 4	14	9.1	5.6
	CSB607-30	6	0.188	1	12	12.5	1 X 24 X 4	17	11.1	7
35	CSB507-35	5	0.188	1	10	10.5	1 X 24 X 4	9.2	5	2
	CSB607-35	6	0.188	1	12	12.5	1 X 24 X 4	11.2	6.2	2.6
	CSB607A-35	6	0.188	1.25	12	12.5	1.25 X 44 X 4	14	8.5	4.5
	CSB603-35	6	0.250	1.25	12	12.5	1.25 X 44 X 4	23.2	17.1	11.7
40	CSB607-40	6	0.188	1	12	12.5	1 X 24 X 4	6.4	2	-
	CSB607-40A	6	0.188	1.25	12	12.5	1.25 X 44 X 4	8.9	4	-
	CSB603-40	6	0.250	1.25	12	12.5	1.25 X 44 X 4	12.6	7	2.9