

C6+ Adhesive Anchor - Technical Data

ESTIMATING TABLES

C6P-20 Number of Anchoring Installations Per Cartridge* 20 Fluid Ounce Cartridge Using Reinforcing Bar with C6+ Adhesive in Solid Concrete

REBAR	DRILL HOLE DIA. INCHES	EMBEDMENT DEPTH IN INCHES (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
# 3	7/16	310.8	155.4	103.6	77.7	62.2	51.8	44.4	38.8	34.5	31.1	28.3	25.9	23.9	22.2	20.7
# 4	5/8	198.9	99.5	66.3	49.7	39.8	33.2	28.4	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3
# 5	3/4	138.1	69.1	46.0	34.5	27.6	23.0	19.7	17.3	15.3	13.8	12.6	11.5	10.6	9.9	9.2
# 6	7/8	101.5	50.7	33.8	25.4	20.3	16.9	14.5	12.7	11.3	10.1	9.2	8.5	7.8	7.2	6.8
# 7	1-1/8	61.4	30.7	20.5	15.3	12.3	10.2	8.8	7.7	6.8	6.1	5.6	5.1	4.7	4.4	4.1
# 8	1-1/8	49.7	24.9	16.6	12.4	9.9	8.3	7.1	6.2	5.5	5.0	4.5	4.1	3.8	3.6	3.3
# 9	1-3/8	41.1	20.5	13.7	10.3	8.2	6.8	5.9	5.1	4.6	4.1	3.7	3.4	3.2	2.9	2.7
# 10	1-1/2	43.5	17.3	11.5	8.6	6.9	5.8	4.9	4.3	3.8	3.5	3.1	2.9	2.7	2.5	2.3
# 11	1-3/4	25.4	12.7	8.5	6.3	5.1	4.2	3.6	3.2	2.8	2.5	2.3	2.1	2.0	1.8	1.7

* The number of anchoring installations is based upon calculations of hole volumes using ANSI tolerance carbide tipped drill bits, the nominal areas of the reinforcing bars and the stress areas of the threaded rods. These estimates do not account for waste.

* Oversized holes acceptable but volume of adhesive will increase.

C6P-20 Number of Anchoring Installations Per Cartridge* 20 Fluid Ounce Cartridge Using Threaded Rod with C6+ Adhesive in Solid Concrete

ROD In. (mm)	DRILL HOLE DIA. INCHES	EMBEDMENT DEPTH IN INCHES (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
1/4 (6.4)	5/16	795.6	397.8	265.2	198.9	159.1	132.6	113.7	99.5	88.4	79.6	72.3	66.3	61.2	56.8	53.0
3/8 (9.5)	7/16	405.9	203.0	135.3	101.5	81.2	67.7	58.0	50.7	45.1	40.6	36.9	33.8	31.2	29.0	27.1
1/2 (12.7)	9/16	245.6	122.8	81.9	61.4	49.1	40.9	35.1	30.7	27.3	24.6	22.3	20.5	18.9	17.5	16.3
5/8 (15.9)	3/4	138.1	69.1	46.0	34.5	27.6	23.0	19.7	17.3	15.3	13.8	12.6	11.5	10.6	9.9	9.2
3/4 (19.1)	7/8	101.5	50.7	33.8	25.4	20.3	16.9	14.5	12.7	11.3	10.1	9.2	8.5	7.8	7.2	6.8
7/8 (22.2)	1	77.7	38.8	25.9	19.4	15.5	12.9	11.1	9.7	8.6	7.8	7.1	6.5	6.0	5.5	5.2
1 (25.4)	1-1/8	61.4	30.7	20.5	15.3	12.3	10.2	8.8	7.7	6.8	6.1	5.6	5.1	4.7	4.4	4.1
1-1/4 (31.8)	1-3/8	41.1	20.5	13.7	10.3	8.2	6.8	5.9	5.1	4.6	4.1	3.7	3.4	3.2	2.9	2.7

* The number of anchoring installations is based upon calculations of hole volumes using ANSI tolerance carbide tipped drill bits, the nominal areas of the reinforcing bars and the stress areas of the threaded rods. These estimates do not account for waste.

* Oversized holes acceptable but volume of adhesive will increase.

C6P-10 Number of Anchoring Installations Per Cartridge* 10 Fluid Ounce Cartridge Using Reinforcing Bar with C6+ Adhesive in Solid Concrete

REBAR	DRILL HOLE DIA. INCHES	EMBEDMENT DEPTH IN INCHES (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
# 3	7/16	129.5	64.7	43.2	32.4	25.9	21.6	18.5	16.2	14.4	12.9	11.8	10.8	10.0	9.2	8.6
# 4	5/8	82.9	41.4	27.6	20.7	16.6	13.8	11.8	10.4	9.2	8.3	7.5	6.9	6.4	5.9	5.5
# 5	3/4	56.7	28.8	19.2	14.4	11.5	9.6	8.2	7.2	6.4	5.8	5.2	4.8	4.4	4.1	3.8
# 6	7/8	42.3	21.1	14.1	10.6	8.5	7.0	6.0	5.3	4.7	4.2	3.8	3.5	3.3	3.0	2.8
# 7	1-1/8	25.6	12.8	8.5	6.4	5.1	4.3	3.7	3.2	2.8	2.6	2.3	2.1	2.0	1.8	1.7
# 8	1-1/8	20.7	10.4	6.9	5.2	4.1	3.5	3.0	2.6	2.3	2.1	1.9	1.7	1.6	1.5	1.4
# 9	1-3/8	17.1	8.6	5.7	4.3	3.4	2.9	2.4	2.1	1.9	1.7	1.6	1.4	1.3	1.2	1.1
# 10	1-1/2	14.4	7.2	4.8	3.6	2.9	2.4	2.1	1.8	1.6	1.4	1.3	1.2	1.1	1.0	1.0
# 11	1-3/4	10.6	5.3	3.5	2.6	2.1	1.8	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7

* The number of anchoring installations is based upon calculations of hole volumes using ANSI tolerance carbide tipped drill bits, the nominal areas of the reinforcing bars and the stress areas of the threaded rods. These estimates do not account for waste.

* Oversized holes acceptable but volume of adhesive will increase.

C6P-10 Number of Anchoring Installations Per Cartridge* 10 Fluid Ounce Cartridge Using Threaded Rod with C6+ Adhesive in Solid Concrete

ROD	DRILL HOLE DIA. INCHES	EMBEDMENT DEPTH IN INCHES (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
1/4 (6.4)	5/16	331.5	165.7	110.5	82.9	66.3	55.2	47.4	41.4	36.8	33.1	30.1	27.6	25.5	23.7	22.1
3/8 (9.5)	7/16	169.1	84.6	56.7	42.3	33.8	28.2	24.2	21.1	18.8	16.9	15.4	14.1	13.0	12.1	11.3
1/2 (12.7)	9/16	102.3	51.2	34.1	25.6	20.5	17.1	14.6	12.8	11.4	10.2	9.3	8.5	7.9	7.3	6.8
5/8 (15.9)	3/4	57.6	28.8	19.2	14.4	11.5	9.6	8.2	7.2	6.4	5.8	5.2	4.8	4.4	4.1	3.8
3/4 (19.1)	7/8	42.3	21.1	14.1	10.6	8.5	7.0	6.0	5.3	4.7	4.2	3.8	3.5	3.3	3.0	2.8
7/8 (22.2)	1	32.4	16.2	10.8	8.1	6.5	5.4	4.6	4.0	3.6	3.2	2.9	2.7	2.5	2.3	2.2
1 (25.4)	1-1/8	25.6	12.8	8.5	6.4	5.1	4.3	3.7	3.2	2.8	2.6	2.3	2.1	2.0	1.8	1.7
1-1/4 (31.8)	1-3/8	17.1	8.6	5.7	4.3	3.4	2.9	2.4	2.1	1.9	1.7	1.6	1.4	1.3	1.2	1.1

* The number of anchoring installations is based upon calculations of hole volumes using ANSI tolerance carbide tipped drill bits, the nominal areas of the reinforcing bars and the stress areas of the threaded rods. These estimates do not account for waste.

* Oversized holes acceptable but volume of adhesive will increase.