

# 03 82 Concrete Boring

## 03 82 13 – Concrete Core Drilling

03 82 13.10 Core Drilling		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
1754	24" diameter core	B-89A	8	2	Ea.	4.67	105	14.90	124.57	178
1756	For each additional inch of slab thickness in same hole, add	↓	120	.133	↓	.78	6.95	.99	8.72	12.35
1760	For horizontal holes, add to above						20%	20%		
1770	Prestressed hollow core plank, 8" thick									
1780	1" diameter core	B-89A	17.50	.914	Ea.	.29	48	6.80	55.09	79.50
1790	For each additional inch of plank thickness in same hole, add		3840	.004		.04	.22	.03	.29	.40
1794	2" diameter core		17.25	.928		.40	48.50	6.90	55.80	80.50
1796	For each additional inch of plank thickness in same hole, add		2880	.006		.05	.29	.04	.38	.53
1800	3" diameter core		17	.941		.57	49	7	56.57	82
1810	For each additional inch of plank thickness in same hole, add		1920	.008		.07	.44	.06	.57	.80
1820	4" diameter core	↓	16.50	.970	↓	.75	50.50	7.20	58.45	85
1830	For each additional inch of plank thickness in same hole, add	B-89A	1280	.013	Ea.	.09	.65	.09	.83	1.18
1840	6" diameter core		15.50	1.032		1.19	54	7.70	62.89	90.50
1850	For each additional inch of plank thickness in same hole, add		960	.017		.15	.87	.12	1.14	1.60
1860	8" diameter core		15	1.067		1.73	55.50	7.95	65.18	94
1870	For each additional inch of plank thickness in same hole, add		768	.021		.22	1.09	.16	1.47	2.04
1880	10" diameter core		14	1.143		2.13	59.50	8.50	70.13	101
1890	For each additional inch of plank thickness in same hole, add		640	.025		.27	1.31	.19	1.77	2.44
1900	12" diameter core		13.50	1.185		2.44	62	8.85	73.29	105
1910	For each additional inch of plank thickness in same hole, add	↓	548	.029	↓	.30	1.53	.22	2.05	2.86
3000	Bits for core drilling, included in drilling line items									
3010	Diamond, premium, 1" diameter				Ea.	87.50			87.50	96
3020	2" diameter					120			120	132
3030	3" diameter					170			170	186
3040	4" diameter					226			226	249
3060	6" diameter					355			355	395
3080	8" diameter					520			520	570
3110	10" diameter					640			640	705
3120	12" diameter					730			730	805
3140	14" diameter					905			905	995
3180	18" diameter					1,175			1,175	1,300
3240	24" diameter				↓	1,875			1,875	2,050

## 03 82 16 – Concrete Drilling

### 03 82 16.10 Concrete Impact Drilling

0010	<b>CONCRETE IMPACT DRILLING</b>									
0020	Includes bit cost, layout and set-up time, no anchors									
0050	Up to 4" deep in concrete/brick floors/walls									
0100	Holes, 1/4" diameter	1 Carp	75	.107	Ea.	.05	6		6.05	9
0150	For each additional inch of depth in same hole, add		430	.019		.01	1.05		1.06	1.57
0200	3/8" diameter		63	.127		.05	7.15		7.20	10.70
0250	For each additional inch of depth in same hole, add		340	.024		.01	1.32		1.33	1.98
0300	1/2" diameter		50	.160		.04	9		9.04	13.45
0350	For each additional inch of depth in same hole, add		250	.032		.01	1.80		1.81	2.69
0400	5/8" diameter		48	.167		.07	9.40		9.47	14.05
0450	For each additional inch of depth in same hole, add		240	.033		.02	1.88		1.90	2.81
0500	3/4" diameter		45	.178		.10	10		10.10	15
0550	For each additional inch of depth in same hole, add		220	.036		.03	2.05		2.08	3.08
0600	7/8" diameter	↓	43	.186	↓	.13	10.45		10.58	15.75
0650	For each additional inch of depth in same hole, add	1 Carp	210	.038	Ea.	.03	2.14		2.17	3.22
0700	1" diameter		40	.200		.19	11.25		11.44	16.95
0750	For each additional inch of depth in same hole, add		190	.042		.05	2.37		2.42	3.58
0800	1-1/4" diameter		38	.211		.21	11.85		12.06	17.90