

05 05 Common Work Results for Metals

05 05 19 – Post-Installed Concrete Anchors

05 05 19.10 Chemical Anchors		Daily Crew	Labor Output	Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0010	CHEMICAL ANCHORS									
0020	Includes layout & drilling									
1430	Chemical anchor, w/rod & epoxy cartridge, 3/4" diameter x 9-1/2" long	B-89A	27	.593	Ea.	7.70	31	4.41	43.11	60
1435	1" diameter x 11-3/4" long		24	.667		15.10	35	4.97	55.07	74
1440	1-1/4" diameter x 14" long		21	.762		29.50	40	5.70	75.20	98.50
1445	1-3/4" diameter x 15" long		20	.800		70	42	5.95	117.95	146
1450	18" long		17	.941		84	49	7	140	174
1455	2" diameter x 18" long		16	1		123	52.50	7.45	182.95	222
1460	24" long		15	1.067		162	55.50	7.95	225.45	270

05 05 19.20 Expansion Anchors

0010	EXPANSION ANCHORS									
0100	Anchors for concrete, brick or stone, no layout and drilling									
0200	Expansion shields, zinc, 1/4" diameter, 1-5/16" long, single	G	1 Carp	90	.089	Ea.	.35	5	5.35	7.85
0300	1-3/8" long, double	G		85	.094		.67	5.30	5.97	8.65
0400	3/8" diameter, 1-1/2" long, single	G		85	.094		.70	5.30	6	8.65
0500	2" long, double	G		80	.100		1.47	5.65	7.12	10
0600	1/2" diameter, 2-1/16" long, single	G		80	.100		1.22	5.65	6.87	9.75
0700	2-1/2" long, double	G		75	.107		2.51	6	8.51	11.70
0800	5/8" diameter, 2-5/8" long, single	G		75	.107		2.77	6	8.77	12
0900	2-3/4" long, double	G		70	.114		3.54	6.45	9.99	13.50
1000	3/4" diameter, 2-3/4" long, single	G		70	.114		4.39	6.45	10.84	14.45
1100	3-15/16" long, double	G		65	.123		6.45	6.95	13.40	17.35
2100	Hollow wall anchors for gypsum wall board, plaster or tile									
2300	1/8" diameter, short	G	1 Carp	160	.050	Ea.	.27	2.82	3.09	4.49
2400	Long	G		150	.053		.31	3	3.31	4.81
2500	3/16" diameter, short	G		150	.053		.52	3	3.52	5.05
2600	Long	G		140	.057		.60	3.22	3.82	5.45
2700	1/4" diameter, short	G		140	.057		.65	3.22	3.87	5.50
2800	Long	G		130	.062		.79	3.46	4.25	6
3000	Toggle bolts, bright steel, 1/8" diameter, 2" long	G		85	.094		.25	5.30	5.55	8.20
3100	4" long	G		80	.100		.29	5.65	5.94	8.70
3200	3/16" diameter, 3" long	G		80	.100		.33	5.65	5.98	8.75
3300	6" long	G		75	.107		.46	6	6.46	9.45
3400	1/4" diameter, 3" long	G		75	.107		.38	6	6.38	9.35
3500	6" long	G		70	.114		.57	6.45	7.02	10.25
3600	3/8" diameter, 3" long	G		70	.114		1.01	6.45	7.46	10.70
3700	6" long	G		60	.133		1.56	7.50	9.06	12.85
3800	1/2" diameter, 4" long	G		60	.133		2.26	7.50	9.76	13.65
3900	6" long	G		50	.160		2.57	9	11.57	16.25
4000	Nailing anchors									
4100	Nylon nailing anchor, 1/4" diameter, 1" long		1 Carp	3.20	2.500	C	17.70	141	158.70	230
4200	1-1/2" long			2.80	2.857		20	161	181	261
4300	2" long			2.40	3.333		25	188	213	305
4400	Metal nailing anchor, 1/4" diameter, 1" long	G		3.20	2.500		15.80	141	156.80	227
4500	1-1/2" long	G		2.80	2.857		20	161	181	261
4600	2" long	G		2.40	3.333		24	188	212	305
5000	Screw anchors for concrete, masonry,									
5100	stone & tile, no layout or drilling included									
5700	Lag screw shields, 1/4" diameter, short	G	1 Carp	90	.089	Ea.	.26	5	5.26	7.75
5800	Long	G		85	.094		.34	5.30	5.64	8.25
5900	3/8" diameter, short	G		85	.094		.57	5.30	5.87	8.55
6000	Long	G		80	.100		.69	5.65	6.34	9.15