

# 05 05 Common Work Results for Metals

## 05 05 23 – Metal Fastenings

			Daily		Labor-	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
05 05 23.87	Weld Studs		Crew	Output	Hours			Labor	Equipment		
0700	5-5/16" long	G	E-10	990	.016	Ea.	1.19	1.02	.53	2.74	3.46
0800	6-1/8" long	G		975	.016		1.29	1.03	.54	2.86	3.60
0900	8-1/8" long	G		960	.017		1.82	1.05	.55	3.42	4.22
1000	5/8" diameter, 2-11/16" long	G		1000	.016		1.21	1.01	.52	2.74	3.46
1010	4-3/16" long	G		990	.016		1.50	1.02	.53	3.05	3.80
1100	6-9/16" long	G	E-10	975	.016	Ea.	1.95	1.03	.54	3.52	4.33
1200	8-3/16" long	G	"	960	.017	"	2.61	1.05	.55	4.21	5.10

## 05 05 23.90 Welding Rod

0010 WELDING ROD											
0020	Steel, type 6011, 1/8" diam., less than 500#					Lb.	3.20			3.20	3.52
0100	500# to 2,000#						2.88			2.88	3.17
0200	2,000# to 5,000#						2.71			2.71	2.98
0300	5/32" diam., less than 500#						3			3	3.30
0310	500# to 2,000#						2.70			2.70	2.97
0320	2,000# to 5,000#						2.54			2.54	2.79
0400	3/16" diam., less than 500#						3.06			3.06	3.37
0500	500# to 2,000#						2.76			2.76	3.04
0600	2,000# to 5,000#						2.59			2.59	2.85
0620	Steel, type 6010, 1/8" diam., less than 500#						3.16			3.16	3.48
0630	500# to 2,000#						2.85			2.85	3.14
0640	2,000# to 5,000#						2.68			2.68	2.95
0650	Steel, type 7018 Low Hydrogen, 1/8" diam., less than 500#						3.03			3.03	3.33
0660	500# to 2,000#						2.73			2.73	3
0670	2,000# to 5,000#						2.57			2.57	2.82
0700	Steel, type 7024 Jet Weld, 1/8" diam., less than 500#						3.06			3.06	3.37
0710	500# to 2,000#						2.76			2.76	3.04
0720	2,000# to 5,000#						2.59			2.59	2.85
1550	Aluminum, type 4043 TIG, 1/8" diam., less than 10#						7.25			7.25	7.95
1560	10# to 60#						6.50			6.50	7.15
1570	Over 60#						6.15			6.15	6.75
1600	Aluminum, type 5356 TIG, 1/8" diam., less than 10#						7.65			7.65	8.40
1610	10# to 60#						6.90			6.90	7.55
1620	Over 60#						6.45			6.45	7.10
1900	Cast iron, type 8 Nickel, 1/8" diam., less than 500#						32			32	35
1910	500# to 1,000#						28.50			28.50	31.50
1920	Over 1,000#						27			27	29.50
2000	Stainless steel, type 316/316L, 1/8" diam., less than 500#						11.25			11.25	12.40
2100	500# to 1,000#						10.15			10.15	11.15
2220	Over 1,000#						9.55			9.55	10.50