

Stick Welding Rod Size, Amperage & Metal Thickness Chart

Electrode	Diameter		Amperage	Metal Thickness	
	in	mm		in	mm
6010 / 6011	3/32"	2.4	40-85	3/32 - 3/16"	2.4 - 4.8
6010 / 6011	1/8"	3.2	75-125	1/8 - 1/4"	3.2 - 6.4
6010 / 6011	5/32"	4	110-165	1/4" - 3/8"	6.4 - 9.5
6010 / 6011	3/16"	4.8	140-210	Over 3/8"	Over 9.5
6010 / 6011	7/32"	5.6	160-250	Over 3/8"	Over 9.5
6013	1/16"	1.6	20-45	Up to 1/8"	Up to 3.2
6013	5/64"	2	35-60	Up to 3/16"	Up to 4.8
6013	3/32"	2.4	40-90	3/32 - 3/16"	2.4 - 4.8
6013	1/8"	3.2	80-130	1/8 - 1/4"	3.2 - 6.4
6013	5/32"	4	105-180	1/4" - 3/8"	6.4 - 9.5
6013	3/16"	4.8	150-230	Over 3/8"	Over 9.5
6013	7/32"	5.6	210-300	Over 3/8"	Over 9.5
7014	3/32"	2.4	80-125	3/32 - 3/16"	2.4 - 4.8
7014	1/8"	3.2	110-165	1/8 - 1/4"	3.2 - 6.4
7014	5/32"	4	150-210	1/4" - 3/8"	6.4 - 9.5
7014	3/16"	4.8	200-275	Over 3/8"	Over 9.5
7014	7/32"	5.6	255-340	Over 3/8"	Over 9.5
7018	3/32"	2.4	65-100	3/32 - 3/16"	2.4 - 4.8
7018	1/8"	3.2	110-165	1/8 - 1/4"	3.2 - 6.4
7018	5/32"	4	150-220	1/4" - 3/8"	6.4 - 9.5
7018	3/16"	4.8	200-275	Over 3/8"	Over 9.5
7018	7/32"	5.6	260-340	Over 3/8"	Over 9.5