

Standard Electrodes Sizes



CARBON DIVISION

Diameter

Nominal Diameter		Tolerance				Nominal Length	
		min.	max.	min.	max.		
[mm]	[inch]	[mm]	[mm]	[inch]	[inch]	[mm]	[inch]
350	14	352	358	13,86	14,09	1500, 1800, 2100, 2400	60, 72, 84, 96
400	16	403	409	15,87	16,10	1500, 1800, 2100, 2400	60, 72, 84, 96
450	18	454	460	17,87	18,11	1800, 2100, 2400	72, 84, 96
500	20	505	511	19,88	20,12	1800, 2100, 2400, 2700	72, 84, 96, 110
550	22	556	562	21,89	22,13	2100, 2400, 2700	84, 96, 110
600	24	607	613	23,90	24,13	1800, 2100, 2400, 2700	72, 84, 96, 110
650	26	659	663	25,94	26,10	2100, 2400, 2700	84, 96, 110
700	28	710	714	27,95	28,11	2100, 2400, 2700	84, 96, 110
750	30	761	765	29,96	30,12	2400, 2700	96, 110
800	32	810	816	31,89	32,13	2400, 2700	96, 110

Length

Nominal Length		Tolerance			
		min.	max.	min.	max
[mm]	[inch]	[mm]	[mm]	[inch]	[inch]
1500	60	1400	1600	55,12	62,99
1800	72	1700	1900	66,93	74,80
2100	84	1975	2225	77,76	87,60
2400	96	2275	2525	89,57	99,41
2700	110	2550	2900	100,39	114,17
3000	118	2850	3150	112,20	124,02
3300	130	3151	3450	124,06	135,83
3600	142	3451	3750	135,87	147,64

The Showa Denko standard sizes are based on international standard IEC 60239:2005