

CRCA Sheets, Mechanical Data for Weld Design				
Common Values for all classes of Spot Welding				
Sheet Thickness	Electrode Body Diameter	Electrode Contact Diameter	Pitch (Min)	Contact Overlap (Min)
t	D	d	P	L
mm	mm	mm	mm	mm
0.25	9.5	3.2	6.4	9.5
0.5	9.5	4	9.5	11
0.8	9.5	4.8	12.7	11
1	12.7	5	19	12
1.3	12.7	6	22	14
1.6	12.7	6.4	27	16
2	16	7	35	17.5
2.5	16	8	40	19
2.8	16	9.5	46	20
3	16	9.5	50	22
3.5	20	10.3	57	28
4	20	11	66	32
4.3	20	11.1	76	38
4.7	20	11.9	82	41
5	20	12.7	88	44
5.5	25	13.3	98	47
5.8	25	13.5	108	54
6.3	25	14.3	115	57
6.6	25	15	121	60
7	25	15	133	66
8	30	16	146	73

Recommended values