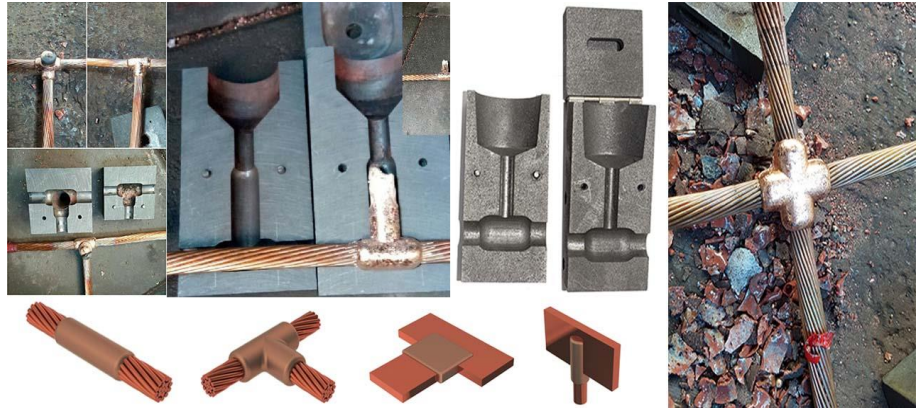
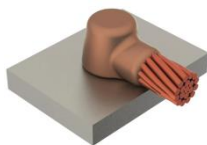
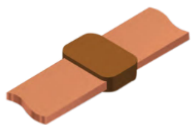
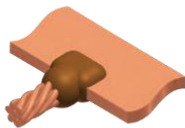
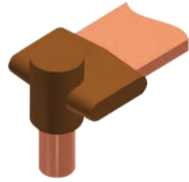
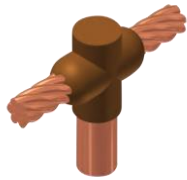
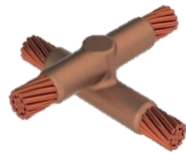
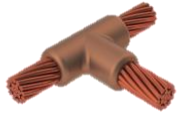




TEKPINweld Indonesia

As foundation Of Power Quality
and Our Safety



Exothermic Welding

SELECTION CHART

Type Of Connection Cable To Cable Connection

CC-1	CC-2	CC-3	CC-4	CC-5
CC-6	CC-7	CC-8	CC-11	CC-13
CTC-14	CC-17	CC-18	CC-19	CC-20
CC-21	CC-22	CC-23	CC-24	CC-25
CC-26	CC-27	CC-28	CC-29	CC-30
CC-33	CC-34	CC-35	CC-36	CC-37
CC-38	CCC-39	CC-40	CC-41	

Type Of Connection Cable To Ground Rod Connection

CR-1	CR-2	CR-3	CR-4	CR-5
CR-6	CR-7	CR-8	CR-9	CR-10
CR-11	CR-12	CR-13	CR-15	CR-16
CR-17	CR-18	CR-19	CR-20	CR-21
CR-22	CR-23	CR-24	CR-26	CR-30
CR-33	CR-34	CR-35	CR-36	CR-37
CR-38	CR-39	CR-40	CR-41	

Exothermic Welding

SELECTION CHART

Type Of Connection Cable To Bar Connection

CB-1	CB-2	CB-3	CB-4	CB-5
CB-8	CB-9	CB-11	CB-12	CB-13
CB-14	CB-15	CB-16	CB-17	CB-18
CB-19	CB-20	CB-21	CB-22	CB-23
CB-24	CB-25	CB-26	CB-27	CB-28
CB-29	CB-30	CB-31	CB-32	CB-33
CB-34	CB-35	CB-36	CB-37	CB-38

Type Of Connection Bar To Bar Connection

BB-1	BB-2	BB-3	BB-4	BB-6
BB-7	BB-12	BB-14	BB-17	BB-20
BB-21	BB-22	BB-27	BB-33	BB-40
BB-41	BB-42	BB-43	BB-50	

Exothermic Welding

SELECTION CHART

Type Of Connection Cable To Plate Connection

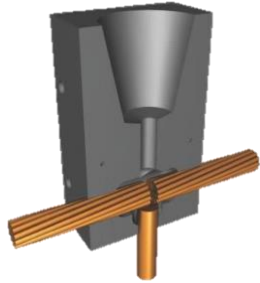
CS-1	CS-2	CS-3	CS-4	CS-6
CS-7	CS-8	CS-9	CS-12	CS-13
CS-14	CS-15	CS-16	CS-22	CS-23
CS-24	CS-25	CS-26	CS-27	CS-31
CS-32	CS-34	CS-36	CS-38	CS-48
CS-50	CS-52			

Type Of Connection Cable To Rebar Connection

CREC-1	CRE-2	CRE-3	CRE-4	CRE-5
CRE-6	CRE-19	CRE-20	BRE-3	BRE-8
BRE-16	BRE-20	RERE-3	RERE-4	RERE-5

Exothermic Welding


Product Specification :



Product Name : Graphite Mould
 Material : Petroleum Coke & Needle Coke
 Color : Black
 Brand : TEKPINweld
 Ability : ≥ 50 Connection
 Heat Resistance : $\leq 600^{\circ} \text{C}$
 Handle Clamp : C Type & D Type
 Metal Powder : suitable for all brands

DATA SHEET

Exothermic Welding

Picture	Item	Bulk Density	Spesific Resistance	Flexural Strength	sive Strength	Thermal Conductivity	(100-600) $^{\circ} \text{C}$	Ash Contect
	Unit	g/cm3	$\mu\Omega.m$	Mpa	Mpa	W/(m.K)	10/6 $^{\circ} \text{C}$	%
	Graphite Mould	≥ 1.69	≤ 8.5	≥ 9.5	≥ 29.0	-	≤ 2.5	≤ 0.3

Exothermic Welding

Content

Cable to Cable Connection

CC1 – Horizontal End to End	1
CC2 – Horizontal Tap to Horizontal Run	2-3
CC4 – Horizontal to Horizontal Cable Cross	4
CC11 – Horizontal to Horizontal Cable Cross	5

Cable to Ground Rod Connection

CR1 – Horizontal Cable to Ground Rod	6
CR2 – Horizontal Two Cable to Ground Rod	7
CR25 – Horizontal Three Cable to Ground Rod	8
CR33 – Horizontal Cable Cross to Ground R	9
CR3 – Horizontal Thru Cable to Side of Ground Rod	10

Cable to Rebar

CRE1P – Horizontal Cable to Rebar Tap	11
CRE3P – Horizontal Thru Cable to Horizontal Rebar	12
CRE3P – Horizontal Thru Cable to Vertical Rebar	13

Cable to Busbar

CB1 – Horizontal Cable Tap to Horizontal Lug or Busbar	14
CB4 – Horizontal Cable Tap to Horizontal Busbar	15
CB5 – Horizontal Cable Tap to Horizontal Busbar Run	16

Cable to Plate-Steel Connection

CS1 – Horizontal Cable to Horizontal Plate	17
CS2 – Horizontal Two Cable to Horizontal Plate	18
CS3 – Vertical Cable Drop to Vertical Plate	19
CS25 – Vertical Cable Drop to Vertical Plate	20

Exothermic Welding Tools

Handle Clamp	21
Tools	22

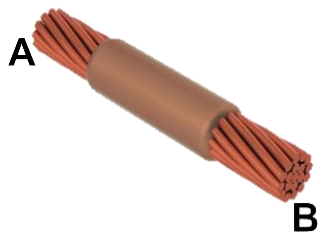
Intruccion

Instalation	23
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Exothermic Welding

CC1

**Cable to Cable
Horizontal End to End**



Tools Request :

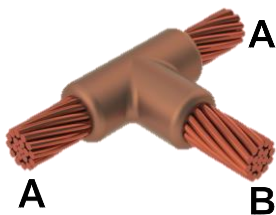


Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm2	B mm2	Gram/ T	Type	Type
16	16	32	CC1-C-1616	C
25	25	32	CC1-C-2525	C
35	35	32	CC1-C-3535	C
50	50	45	CC1-C-5050	C
	35	45	CC1-C-5035	C
	25	32	CC1-C-5025	C
70	70	65	CC1-C-7070	C
	50	65	CC1-C-7050	C
	35	45	CC1-C-7035	C
95	95	90	CC1-C-9595	C
	70	90	CC1-C-9570	C
	50	65	CC1-C-9550	C
120	120	115	CC1-C-120120	C
	95	115	CC1-C-12095	C
	70	115	CC1-C-12070	C
150	150	115	CC1-C-150150	C
	120	115	CC1-C-150120	C
	95	115	CC1-C-15095	C
	70	115	CC1-C-15070	C
	50	115	CC1-C-15050	C
185	185	150	CC1-C-185185	C
	150	150	CC1-C-185150	C
	120	150	CC1-C-185120	C
	95	115	CC1-C-18595	C
	70	115	CC1-C-18570	C
	50	115	CC1-C-18550	C
240	240	200	CC1-C-240240	C
	185	200	CC1-C-240185	C
	150	200	CC1-C-240150	C
	120	200	CC1-C-240120	C
	95	150	CC1-C-24095	C

Exothermic Welding

CC2

**Cable to Cable
Horizontal Tap to
Horizontal Run**



Tools Request :

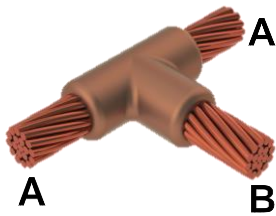


Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm2	B mm2	Gram/ T	Type	Type
16	16	45	CC2-C-1616	C
25	25	45	CC2-C-2525	C
35	35	45	CC2-C-3525	C
	25	45	CC2-C-3535	C
50	50	90	CC2-C-5050	C
	35	65	CC2-C-5035	C
	25	45	CC2-C-5025	C
	16	45	CC2-C-5016	C
70	70	90	CC2-C-7070	C
	50	90	CC2-C-7050	C
	35	45	CC2-C-7035	C
	25	45	CC2-C-7025	C
	16	45	CC2-C-7016	C
95	95	115	CC2-C-9595	C
	70	90	CC2-C-9570	C
	50	90	CC2-C-9550	C
	35	90	CC2-C-9535	C
	25	90	CC2-C-9525	C
	16	90	CC2-C-9516	C
120	120	150	CC2-C-120120	C
	95	150	CC2-C-12095	C
	70	90	CC2-C-12070	C
	50	90	CC2-C-12050	C
	35	90	CC2-C-12035	C
	25	90	CC2-C-12025	C
150	150	200	CC2-C-150150	C
	120	150	CC2-C-150120	C
	95	150	CC2-C-15095	C
	70	90	CC2-C-15070	C
	50	90	CC2-C-15050	C
	35	90	CC2-C-15035	C
	25	90	CC2-C-15025	C

Exothermic Welding

CC2

**Cable to Cable
Horizontal Tap to
Horizontal Run**



Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm2	B mm2	Gram/ T	Type	Type
240	240	2*150/250	CC2-C-240240	C
	185	200	CC2-C-240185	C
	150	200	CC2-C-240150	C
	120	200	CC2-C-240120	C
	95	150	CC2-C-24095	C
	70	90	CC2-C-24070	C
	50	90	CC2-C-24050	C
	35	90	CC2-C-24035	C
	25	90	CC2-C-24025	C
300	300	2*200	CC2-C-300300	C
	240	2*200	CC2-C-300240	C
	185	250	CC2-C-300185	C
	150	200	CC2-C-300150	C
	120	150	CC2-C-300120	C
	95	150	CC2-C-30095	C
	70	150	CC2-C-30070	C
	50	150	CC2-C-30050	C
	35	150	CC2-C-30035	C
	25	150	CC2-C-30025	C

Tools Request :



Handle Clamp



Powder Mesiu



Flint Ignitors



Torch Head &
Gas



Cable Brush



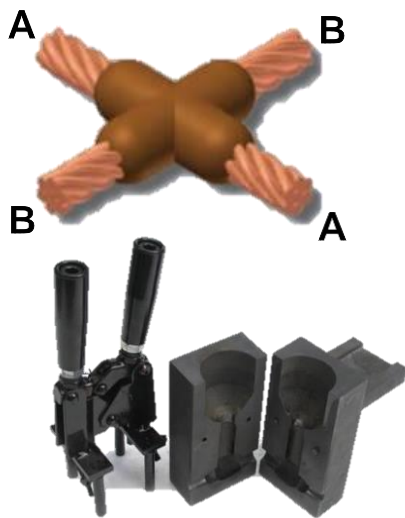
Mould Brush



Scraper

Exothermic Welding CC4

**Cable to Cable
Horizontal to
Horizontal Cable
Cross**



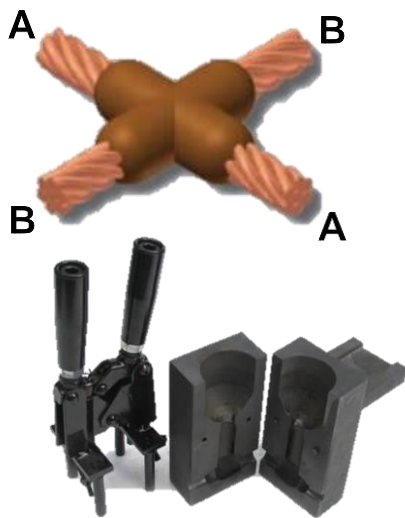
Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm2	B mm2	Gram/ T	Type	Type
16	16	45	CC4-C-1616	C
25	25	45	CC4-C-2525	C
35	35	65	CC4-C-3535	C
	25	65	CC4-C-3525	C
50	50	90	CC4-C-5050	C
	35	90	CC4-C-5035	C
	25	90	CC4-C-5025	C
70	70	115	CC4-C-7070	C
	50	115	CC4-C-7050	C
	35	115	CC4-C-7035	C
	25	115	CC4-C-7025	C
95	95	150	CC4-C-9595	C
	70	150	CC4-C-9570	C
	50	115	CC4-C-9550	C
	35	115	CC4-C-9535	C
	25	115	CC4-C-9525	C
120	120	200	CC4-C-120120	C
	95	200	CC4-C-12095	C
	70	150	CC4-C-12070	C
	50	150	CC4-C-12050	C
	35	115	CC4-C-12035	C
	25	115	CC4-C-12025	C
150	150	250	CC4-C-150150	C
	120	250	CC4-C-150120	C
	95	200	CC4-C-15095	C
	70	150	CC4-C-15070	C
	50	150	CC4-C-15050	C
	35	115	CC4-C-15035	C
	25	115	CC4-C-15025	C

Tools Request :



Exothermic Welding CC4

**Cable to Cable
Horizontal to
Horizontal Cable
Cross**



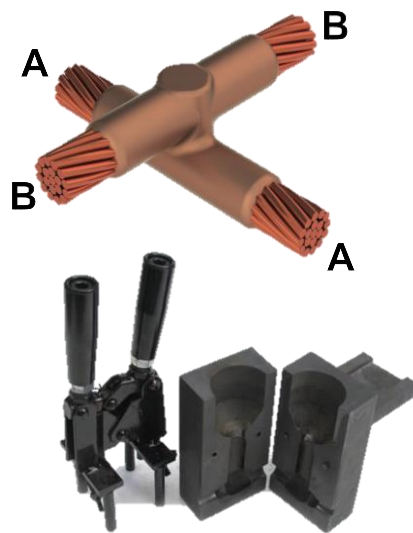
Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm2	B mm2	Gram/ T	Type	Type
185	185	2*150	CC4-C-185185	C
	150	250	CC4-C-185150	C
	120	250	CC4-C-185120	C
	95	200	CC4-C-18595	C
	70	200	CC4-C-18595	C
	50	200	CC4-C-18595	C
	35	150	CC4-C-18595	C
	25	150	CC4-C-18595	C
240	240	2*200/250	CC4-D-240240	D
	185	2*150/200	CC4-D-240185	D
	150	2*150	CC4-D-240150	D
	120	2*150	CC4-C-240120	C
	95	2*150	CC4-C-24095	C
	70	250	CC4-C-24070	C
	50	250	CC4-C-24050	C
300	300	2*250	CC4-D-300300	D
	240	3*150	CC4-D-300240	D
	185	2*200	CC4-D-300185	D
	150	2*200	CC4-D-300150	D
	120	2*200	CC4-D-300120	D
	95	2*200	CC4-D-30095	D

Tools Request :



Exothermic Welding CC11

**Cable to Cable
Horizontal to
Horizontal Cable
Cross**



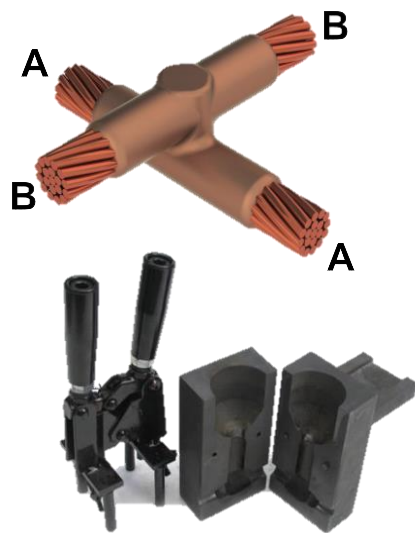
Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm ²	B mm ²	Gram/ T	Type	Type
25	25	65	CC11-C-2525	C
35	35	90	CC11-C-3535	C
	25	90	CC11-C-3525	C
50	50	150	CC11-C-5050	C
	35	115	CC11-C-5035	C
	25	115	CC11-C-5025	C
70	70	200	CC11-C-7070	C
	50	200	CC11-C-7050	C
	35	150	CC11-C-7035	C
	25	150	CC11-C-7025	C
95	95	2500	CC11-C-9595	C
	70	200	CC11-C-9570	C
	50	200	CC11-C-9550	C
	35	150	CC11-C-9535	C
	25	150	CC11-C-9525	C
120	120	250/2*150	CC11-C-120120	C
	95	250/2*115	CC11-C-12095	C
	70	200	CC11-C-12070	C
	50	200	CC11-C-12050	C
	35	150	CC11-C-12035	C
	25	150	CC11-C-12025	C
150	150	2*200	CC11-C-150150	C
	120	2*200	CC11-C-150120	C
	95	2*200	CC11-C-15095	C
	70	250	CC11-C-15070	C
	50	250	CC11-C-15050	C
	35	150	CC11-C-15035	C
	25	150	CC11-C-15025	C

Tools Request :



Exothermic Welding CC11

**Cable to Cable
Horizontal to
Horizontal Cable
Cross**



Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm2	B mm2	Gram/ T	Type	Type
185	185	2*250	CC11-D-185185	D
	150	2*250	CC11-D-185150	D
	120	2*250	CC11-D-185120	D
	95	2*200	CC11-D-18595	D
	70	2*150	CC11-C-18595	C
	50	250	CC11-C-18595	C
	35	200	CC11-C-18595	C
	25	200	CC11-C-18595	C
240	240	3*200	CC11-D-240240	D
	185	3*200	CC11-D-240185	D
	150	3*200	CC11-D-240150	D
	120	3*200	CC11-D-240120	D
	95	2*200	CC11-D-24095	D
	70	2*200	CC11-D-24070	D
	50	2*200	CC11-D-24050	D
300	300	3*250	CC11-D-300300	D
	240	3*250	CC11-D-300240	D
	185	3*200	CC11-D-300185	D
	150	3*200	CC11-D-300150	D
	120	2*250	CC11-D-300120	D
	95	2*250	CC11-D-30095	D

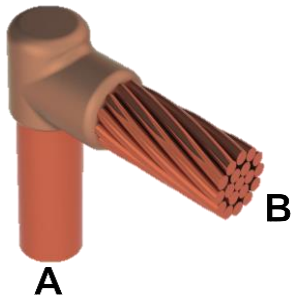
Tools Request :



Exothermic Welding

CR1

Cable to Ground Rod
Horizontal Cable to
Ground Rod



Tools Request :

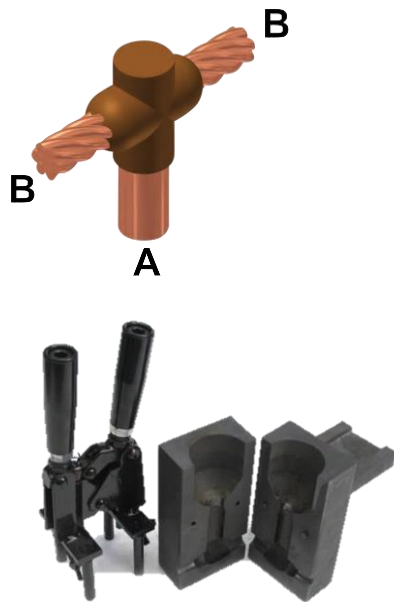


Rod	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp	
	A Inch	B mm2	C mm2	Gram/ T	Type	
5/8"		16		65	CR1-C-1616	C
		25		65	CR1-C-1625	C
		35		65	CR1-C-1635	C
		50		90	CR1-C-1650	C
		70		90	CR1-C-1670	C
		95		90	CR1-C-1695	C
		120		90	CR1-C-16120	C
		150		115	CR1-C-16150	C
		185		150	CR1-C-16185	C
		240		150	CR1-C-16240	C
		300		200	CR1-C-16300	C
3/4"		16		65	CR1-C-1925	C
		25		65	CR1-C-1935	C
		35		65	CR1-C-1950	C
		50		90	CR1-C-1950	C
		70		90	CR1-C-1970	C
		95		90	CR1-C-1995	C
		120		90	CR1-C-19120	C
		150		115	CR1-C-19150	C
		185		150	CR1-C-19185	C
		240		150	CR1-C-19240	C
		300		200	CR1-C-19300	C
1"		16		90	CR1-C-2516	C
		25		90	CR1-C-2525	C
		35		90	CR1-C-2535	C
		50		115	CR1-C-2550	C
		70		115	CR1-C-2570	C
		95		115	CR1-C-2595	C
		120		115	CR1-C-25120	C
		150		150	CR1-C-25150	C
		185		200	CR1-C-25185	C
		240		200	CR1-C-25240	C
		300		250	CR1-C-25300	C

Exothermic Welding

CR2

**Cable to Ground Rod
Horizontal Two Cable to
Ground Rod**



Tools Request :

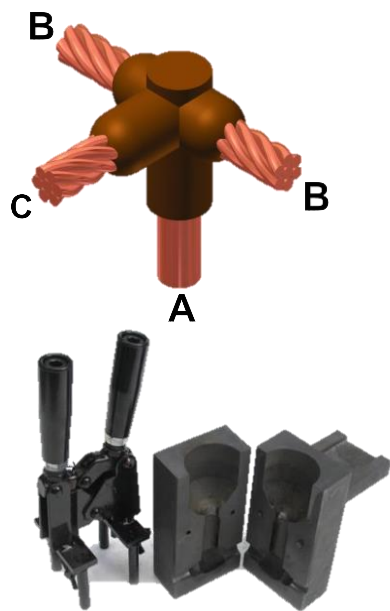


Rod	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp	
	A Inch	B mm2	C mm2	Gram/ T	Type	
5/8"		16		65	CR2-C-1616	C
		25		90	CR2-C-1625	C
		35		90	CR2-C-1635	C
		50		90	CR2-C-1650	C
		70		115	CR2-C-1670	C
		95		115	CR2-C-1695	C
		120		150	CR2-C-16120	C
		150		200	CR2-C-16150	C
		185		200	CR2-C-16185	C
		240		250	CR2-C-16240	C
		300		2*150	CR2-C-16300	C
3/4"		16		65	CR2-C-1925	C
		25		90	CR2-C-1935	C
		35		90	CR2-C-1950	C
		50		115	CR2-C-1950	C
		70		115	CR2-C-1970	C
		95		115	CR2-C-1995	C
		120		150	CR2-C-19120	C
		150		200	CR2-C-19150	C
		185		200	CR2-C-19185	C
		240		250	CR2-C-19240	C
		300		2*150	CR2-C-19300	C
1"		16		90	CR2-C-2516	C
		25		115	CR2-C-2525	C
		35		115	CR2-C-2535	C
		50		150	CR2-C-2550	C
		70		150	CR2-C-2570	C
		95		200	CR2-C-2595	C
		120		200	CR2-C-25120	C
		150		250	CR2-C-25150	C
		185		250	CR2-C-2585	C
		240		2*150	CR2-C-25240	C
		300		2*200	CR2-C-25300	C

Exothermic Welding

CR25

Cable to Ground Rod
Horizontal Three Cable to Ground Rod



Tools Request :

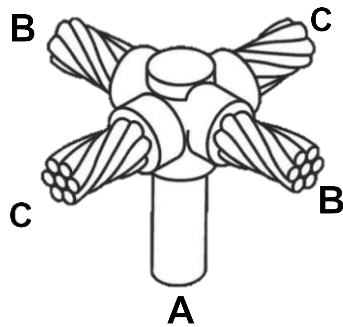


Rod	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp	
	A Inch	B mm2	C mm2	Gram/ T	Type	
5/8"		16	16	65	CR25-C-1616	C
		25	25	90	CR25-C-1625	C
		35	35	90	CR25-C-1635	C
		50	50	115	CR25-C-1650	C
		70	70	115	CR25-C-1670	C
		95	95	150	CR25-C-1695	C
		120	120	150	CR25-C-16120	C
		150	150	200	CR25-C-16150	C
		185	185	250	CR25-C-16185	C
		240	240	2*150	CR25-C-16240	C
		300	300	2*200	CR25-C-16300	C
3/4"		16	16	65	CR25-C-1925	C
		25	25	90	CR25-C-1935	C
		35	35	90	CR25-C-1950	C
		50	50	115	CR25-C-1950	C
		70	70	150	CR25-C-1970	C
		95	95	200	CR25-C-1995	C
		120	120	200	CR25-C-19120	C
		150	150	250	CR25-C-19150	C
		185	185	250	CR25-D-19185	D
		240	240	2*150	CR25-D-19240	D
		300	300	2*200	CR25-D-19300	D
1"		16	16	90	CR25-C-2516	C
		25	25	115	CR25-C-2525	C
		35	35	115	CR25-C-2535	C
		50	50	150	CR25-C-2550	C
		70	70	200	CR25-C-2570	C
		95	95	250	CR25-C-2595	C
		120	120	250	CR25-C-25120	C
		150	150	2*150	CR25-D-25150	D
		185	185	2*150	CR25-D-25185	D
		240	240	2*200	CR25-D-25240	D
		300	300	2*250	CR25-D-25300	D

Exothermic Welding

CR33

**Cable to Ground Rod
Horizontal Cable Cross to
Ground Rod**



Tools Request :

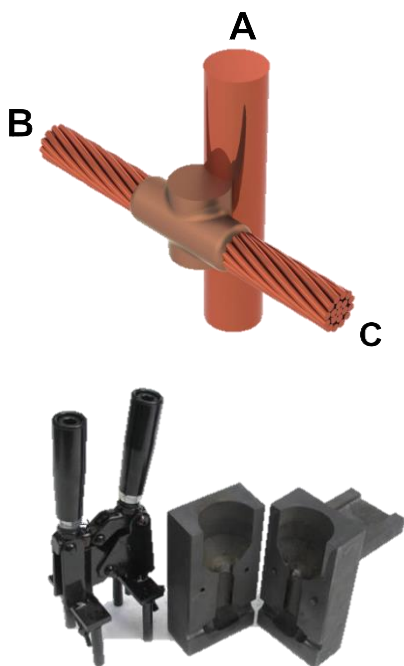


Rod	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp	
	A Inch	B mm2	C mm2	Gram/ T	Type	
5/8"		16	16		CR33-C-1616	C
		25	25	90	CR33-C-1625	C
		35	35	90	CR33-C-1635	C
		50	50	115	CR33-C-1650	C
		70	70	115	CR33-C-1670	C
		95	95	150	CR33-C-1695	C
		120	120	200	CR33-C-16120	C
		150	150	250	CR33-D-16150	D
		185	185	250	CR33-D-16185	D
		240	240	2*150	CR33-D-16240	D
		300	300			D
3/4"		16	16			C
		25	25	90	CR33-C-1935	C
		35	35	90	CR33-C-1950	C
		50	50	115	CR33-C-1950	C
		70	70	150	CR33-C-1970	C
		95	95	200	CR33-C-1995	C
		120	120	200	CR33-C-19120	C
		150	150	250	CR33-D-19150	D
		185	185	2*150	CR33-D-19185	D
		240	240	2*200	CR33-D-19240	D
		300	300			
1"		16	16			
		25	25	115	CR33-C-2525	C
		35	35	115	CR33-C-2535	C
		50	50	150	CR33-C-2550	C
		70	70	200	CR33-C-2570	C
		95	95	250	CR33-C-2595	C
		120	120	250	CR33-D-25120	D
		150	150	2*150	CR33-D-25150	D
		185	185	2*150	CR33-D-25185	D
		240	240	2*200	CR33-D-25240	D
		300	300			

Exothermic Welding

CR3

**Cable to Ground Rod
Horizontal Thru Cable to
Side of Ground Rod**



Rod A Inch	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
	B mm2	C mm2	Gram/ T	Type	Type
5/8"	16	16	90	CR3-E-1616	C
	25	25	90	CR3-E-1625	C
	35	35	90	CR3-E-1635	C
	50	50	115	CR3-E-1650	C
	70	70	115	CR3-E-1670	C
	95	95	115	CR3-E-1695	C
	120	120	150	CR3-E-16120	C
	150	150	200	CR3-E-16150	C
	185	185	250	CR3-E-16185	C
	240	240	2*150	CR3-D-16240	D
3/4"	16	16	90	CR3-E-1916	C
	25	25	90	CR3-E-1925	C
	35	35	90	CR3-E-1935	C
	50	50	115	CR3-E-1950	C
	70	70	150	CR3-E-1970	C
	95	95	150	CR3-E-1995	C
	120	120	200	CR3-E-19120	C
	150	150	250	CR3-E-19150	D
	185	185	2*150	CR3-D-19185	D
	240	240	2*200	CR3-D-19240	D

Tools Request :

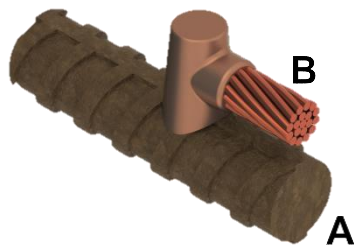


Exothermic Welding

CRE1P

**Cable to Rebar
Partially Wrapped
Horizontal Parallel Cable
to Rebar Tap**

Steel Size	Cable Size	Metal Powder	Graphite Mould	Handle Clamp
A mm	B mm ²	Gram/ T	Type	Type
20 to 40	16	45	CRE1P-A-16	C
20 to 40	25	45	CRE1P-A-25	C
20 to 40	35	45	CRE1P-A-35	C
20 to 40	50	90	CRE1P-C-50	C
20 to 40	70	90	CRE1P-C-70	C
20 to 40	95	90	CRE1P-C-95	C
20 to 40	120	90	CRE1P-C-120	C
25 to 40	150	150	CRE1P-C-150	C
28 to 40	185	200	CRE1P-C-185	C
32 to 40	240	200	CRE1P-C-240	C
32 to 40	300	250	CRE1P-C-300	C



Tools Request :

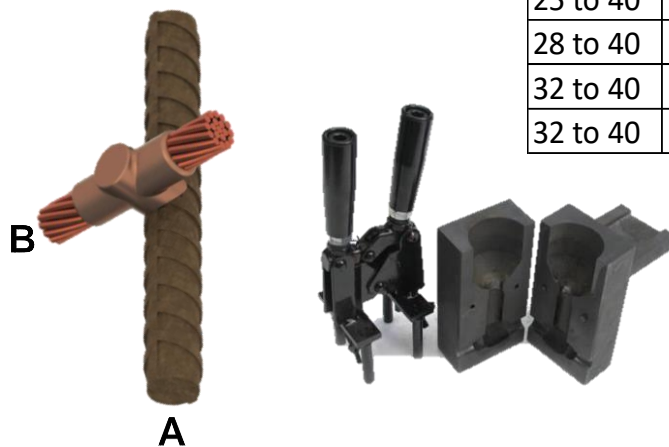


Exothermic Welding

CRE3P

**Cable to Rebar
Partially Wrapped
Horizontal Thru Cable to
Vertical Rebar**

Steel Size	Cable Size	Metal Powder	Graphite Mould	Handle Clamp
A mm	B mm ²	Gram/ T	Type	Type
20 to 40	16	65	CRE3P-A-16	C
20 to 40	25	65	CRE3P-A-25	C
20 to 40	35	90	CRE3P-A-35	C
20 to 40	50	115	CRE3P-C-50	C
20 to 40	70	115	CRE3P-C-70	C
20 to 40	95	150	CRE3P-C-95	C
20 to 40	120	150	CRE3P-C-120	C
25 to 40	150	200	CRE3P-C-150	C
28 to 40	185	250	CRE3P-C-185	C
32 to 40	240	2*200	CRE3P-D-240	C
32 to 40	300	2*200	CRE3P-D-300	C



Tools Request :

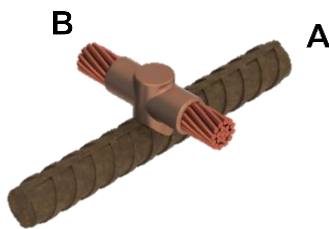


Exothermic Welding

CRE4P

**Cable to Rebar
Partially Wrapped
Horizontal Thru Cable to
Horizontal Rebar**

Steel Size	Cable Size	Metal Powder	Graphite Mould	Handle Clamp
A mm	B mm ²	Gram/ T	Type	Type
20 to 40	16	65	CRE4P-A-16	C
20 to 40	25	65	CRE4P-A-25	C
20 to 40	35	90	CRE4P-A-35	C
20 to 40	50	115	CRE4P-C-50	C
20 to 40	70	115	CRE4P-C-70	C
20 to 40	95	150	CRE4P-C-95	C
20 to 40	120	150	CRE4P-C-120	C
25 to 40	150	200	CRE4P-C-150	C
28 to 40	185	250	CRE4P-C-185	C
32 to 40	240	2*200	CRE4P-D-240	D
32 to 40	300	2*200	CRE4P-D-300	D



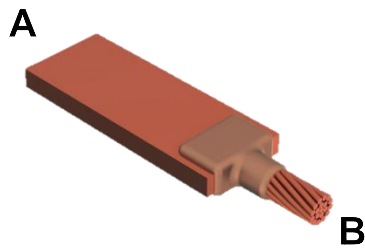
Tools Request :



Exothermic Welding

CB1

Cable to Busbar
Horizontal Cable Tap to
Horizontal Lug or Busbar



Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm	B mm2	Gram/ T	Type	Type
20*3	16	32	CB1-C-16203	C
	25	45	CB1-C-25203	C
	35	45	CB1-C-35203	C
	50	45	CB1-C-50203	C
	70	65	CB1-C-70203	C
25*3	16	45	CB1-C-16253	C
	25	45	CB1-C-25253	C
	35	45	CB1-C-35253	C
	50	65	CB1-C-50253	C
	70	65	CB1-C-70253	C
	95	90	CB1-C-95253	C
25*5	120	90	CB1-C-120253	C
	50	65	CB1-C-50255	C
	70	90	CB1-C-70255	C
	95	90	CB1-C-95255	C
30*5	120	115	CB1-C-120255	C
	50	90	CB1-C-50305	C
	70	90	CB1-C-70305	C
	95	115	CB1-C-95305	C
	120	115	CB1-C-120305	C
50*5	150	150	CB1-C-150305	C
	50	90	CB1-C-50255	C
	70	115	CB1-C-70255	C
	95	115	CB1-C-95255	C
	120	150	CB1-C-120255	C
	150	150	CB1-C-150255	C

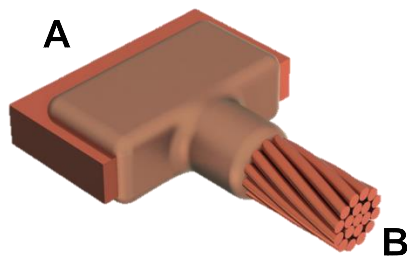
Tools Request :



Exothermic Welding

CB4

Cable to Busbar
Horizontal Cable Tap to
Horizontal Busbar



Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A mm	B mm ²	Gram/ T	Type	Type
20*3	16	32	CB4-C-16203	C
	25	45	CB4-C-25203	C
	35	45	CB4-C-35203	C
	50	45	CB4-C-50203	C
	70	65	CB4-C-70203	C
25*3	16	45	CB4-C-16253	C
	25	45	CB4-C-25253	C
	35	45	CB4-C-35253	C
	50	65	CB4-C-50253	C
	70	65	CB4-C-70253	C
	95	90	CB4-C-95253	C
	120	90	CB4-C-120253	C
25*5	50	65	CB4-C-50255	C
	70	90	CB4-C-70255	C
	95	90	CB4-C-95255	C
	120	115	CB4-C-120255	C
30*5	50	90	CB4-C-50305	C
	70	90	CB4-C-70305	C
	95	115	CB4-C-95305	C
	120	115	CB4-C-120305	C
	150	150	CB4-C-150305	C
50*5	50	90	CB4-C-50255	C
	70	115	CB4-C-70255	C
	95	115	CB4-C-95255	C
	120	150	CB4-C-120255	C
	150	150	CB4-C-150255	C

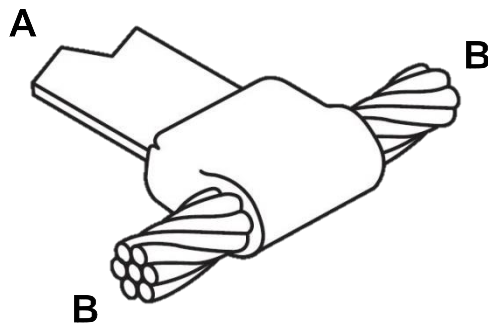
Tools Request :



Exothermic Welding

CB5

**Cable to Busbar
Horizontal Cable Run to
Horizontal Busbar Tap**



Conductor Size		Weld Powder	Graphite Mould	Handle Clamp
A mm	B mm2	Gram/ T	Type	Type
20*3	16	45	CB5-C-16203	C
	25	65	CB5-C-25203	C
	35	65	CB5-C-35203	C
	50	65	CB5-C-50203	C
	70	90	CB5-C-70203	C
25*3	16	65	CB5-C-16253	C
	25	65	CB5-C-25253	C
	35	65	CB5-C-35253	C
	50	90	CB5-C-50253	C
	70	90	CB5-C-70253	C
	95	115	CB5-C-95253	C
25*5	120	115	CB5-C-120253	C
	50	90	CB5-C-50255	C
	70	115	CB5-C-70255	C
	95	115	CB5-C-95255	C
30*5	120	115	CB5-C-120255	C
	50	115	CB5-C-50305	C
	70	115	CB5-C-70305	C
	95	150	CB5-C-95305	C
	120	150	CB5-C-120305	C
50*5	150	150	CB5-C-150305	C
	50	115	CB5-C-50255	C
	70	150	CB5-C-70255	C
	95	150	CB5-C-95255	C
	120	200	CB5-C-120255	C
	150	200	CB5-C-150255	C

Tools Request :

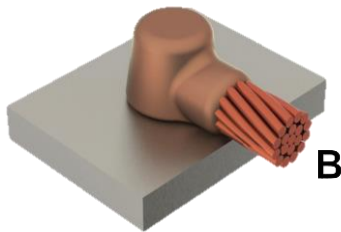


Exothermic Welding

CS1

Cable to Plate-Steel
Horizontal Cable to
Horizontal Plate-Steel

Plate	Conductor Size		Weld Powder	Graphite Mould	Handle Clamp
A Inch	B mm2	C mm2	Gram/ T	Type	Type
All Size	16		45	CS1-C-16	C
	25		45	CS1-C-25	C
	35		45	CS1-C-35	C
	50		90	CS1-C-50	C
	70		90	CS1-C-70	C
	95		115	CS1-C-95	C
	120		115	CS1-C-115	C
	150		150	CS1-C-150	C
	185		200	CS1-C-185	C
	240		200	CS1-C-240	C
300		250	CC1-C-C300	C	



Tools Request :

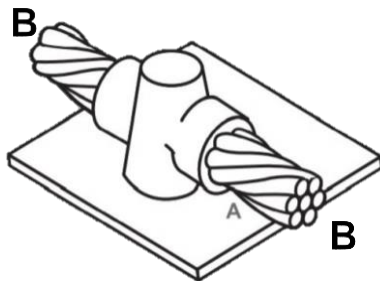


Exothermic Welding

CS2

Cable to Plate-Steel
Horizontal Two Cable to
Horizontal Plate-Steel

Plate	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A Inch	B mm2	C mm2	Gram/ T	Type	Type
All Size	16		45	CS2-C-16	C
	25		45	CS2-C-25	C
	35		45	CS2-C-35	C
	50		90	CS2-C-50	C
	70		115	CS2-C-70	C
	95		115	CS2-C-95	C
	120		150	CS2-C-115	C
	150		200	CS2-C-150	C
	185		250	CS2-C-185	C
	240		2*150	CS2-C-240	C
	300		2*200	CC2-C-C300	C



Tools Request :



Handle Clamp



Powder Mesiu



Flint Ignitors



Torch Head &
Gas



Cable Brush



Mould Brush



Scraper

Exothermic Welding

CS3

Cable to Plate-Steel
Vertical Cable Drop to
Vertical Plate-Steel

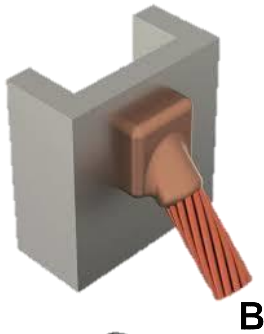


Plate	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp	
	A Inch	B mm2	C mm2	Gram/ T	Type	
N/A		16		45	CS3-C-16	C
		25		45	CS3-C-25	C
		35		45	CS3-C-35	C
		50		90	CS3-C-50	C
		70		90	CS3-C-70	C
		95		115	CS3-C-95	C
		120		115	CS3-C-115	C
		150		150	CS3-C-150	C
		185		200	CS3-C-185	C
		240		200	CS3-C-240	C
		300		250	CC3-C-C300	C

Tools Request :



Handle Clamp



Powder Mesiu



Flint Ignitors



Torch Head &
Gas



Cable Brush



Mould Brush



Scraper

Exothermic Welding

CS25

Cable to Plate-Steel
Vertical Cable Drop to
Vertical Plate-Steel

Plate	Conductor Size		Metal Powder	Graphite Mould	Handle Clamp
A Inch	B mm2	C mm2	Gram/ T	Type	Type
N/A	16		45	CS2-C-16	C
	25		45	CS2-C-25	C
	35		45	CS2-C-35	C
	50		65	CS2-C-50	C
	70		90	CS2-C-70	C
	95		115	CS2-C-95	C
	120		115	CS2-C-115	C
	150		150	CS2-C-150	C
	185		200	CS2-C-185	C
	240		200	CS2-C-240	C
	300		250	CC2-C-C300	C



Tools Request :



Weld Metal Powder

TEKPINWeld designed a welding process of making grounding and lightning protection systems in power plant, substation, transmission line, refinery, industrial plant, commercial plant, telecommunication tower, building, housing & etc.

Applications

Suitable for grounding and lightning protection systems connections, that is. Copper to copper, copper to steel, steel to steel, copper to stainless steel, steel to stainless steel, stainless steel to stainless steel.

Standard



UL- 476 Standard for Grounding & Bonding Equipment



Code	Size /g	Packages/ Box	Mould
T15	15	20	All Type
T25	25	20	All Type
T45	45	20	All Type
T65	65	20	All Type
T90	90	10	All Type
T115	115	10	All Type
T150	150	10	All Type
T200	200	10	All Type
T250	250	10	All Type

Storage

It Should be stored in an ambient temperature and avoid moisture.

Packaging

Weld Metal Powder is contained in a moisture – resistant plastic cartridge, packed in a paper box. Integral weld metal package is identified as to the weld metal powder's amount, type of metal powder to be connected. Lot No., the Number of tubes to manufacturing date (MFD).

Exothermic Welding

Handle Clamp

Mould Handle Clamp
Standar type & D Type



Handle Clamp	Distance between feet	As Diameter	Weight
Type	mm	mm	kg
Standar Type	52.5	10.2	1.22
D Type	75	11	1.7

TEKPINWell Handle Clamp is used for handling and clamping the mould fit to the right position and tightening, without leakage during the exothermic welding process.

TEKPINWell Handle Clamp support is designed to use with standard handle clamp to increase the capability of usage in all applications such as cable to steel pipe connection, cable to plate surface, cable to cable, cable to ground rod, etc.

Tools Request :



Exothermic Welding

Tools

Tools Kit Exothermic Welding



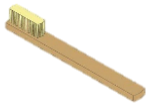
TEKPINweld

Flint Ignitors is used for Starting the reaction



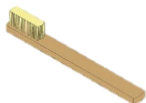
TEKPINweld

Botane Torch and Gas is used for removing moisture from mould and conductors to ensure they are totally dry



TEKPINweld

Mould Brush is used for cleaning crucible and graphite mould's surface by its soft brush



TEKPINweld

Cable Cleaning Brush is used for cleaning cable only bifore making connection



TEKPINweld

Mould Scraper is used for removing slag from the mould crucible after finishing the connection



TEKPINweld

Tools Box is a spesial designed steel case, suitable for storing of exothermic welding equipments bifore dan after process.

Tools Request :



Handle Clamp



Powder Mesiu



Flint Ignitors



Torch Head & Gas



Cable Brush



Mould Brush



Scraper

Exothermic Welding

INTRUCTION



1 Assemble mould with handle clamp



2 Preheat by butane torch to ensure the mould is totally dry every first joint regardless new or used mould



3 Clean the surfaces of conductor and rod by cable clean brush and preheat by butane torch to ensure the conductor is totally dry



4 Fit conductors and ground rod snugly into the mould and lock the handle clamp Always make sure the mould is in a level position



5 Place retaining disk ensuring the disk sits well at the base of the weld metal cavity



6 Pour a recommended size of weld metal into the mould crucible Check for leaks of weld metal Repeat step 4 in case of leak

