

PRODUCT CATALOGUE

FurseWELD®

Exothermic welding

FURSEWELD®



FurseWELD exothermic welding is a cost-efficient and safe method of making large or small numbers of high quality electrical connections.

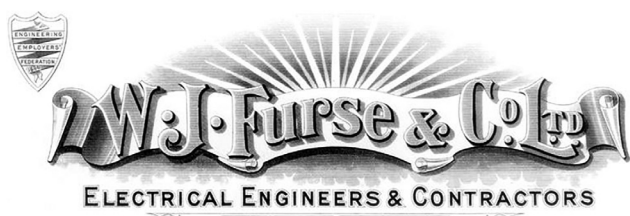
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Furse

Brand history & values

To stay in business for over 125 years is truly a great achievement, but to do it in a century that has seen such unprecedented social and technological change is remarkable. Yet through all that the past century could throw at it, including two World Wars and the recent COVID-19 pandemic, Furse has remained a constant force in an unpredictable world.



Brand history

It started in 1893 when William Joseph Furse acquired the premises and steeplejacking business of Joshua Till in Nottingham, UK. Starting with one employee, Mr. Furse improved and expanded the business. Recognising at an early stage the growing importance of electricity, he diversified into electrical installation, and opened a workshop for the manufacture of switchgear and components.

A new era for the Furse brand

In 1998, Furse became a part of the Thomas & Betts corporation and in 2012, Thomas & Betts was acquired by ABB, a leading global engineering company, that energises the transformation of society and industry to achieve a more productive, sustainable future.

With a history of excellence of its own, stretching back more than 130 years, ABB's success is driven by 144,000 talented employees in over 100 countries.

Today, the Furse name remains as a tribute to its founder, continuing to be synonymous with innovative electrical engineering and management success.

The Furse Total Solution incorporates customer needs for earthing and lightning protection, including structural lightning protection systems, earthing for lightning protection, power and telecommunications systems, transient overvoltage protection and customer project consultations, technical guidance and system design.

Furse delivers the most complete and effective protection against lightning and earth fault current risk, both safeguarding life and ensuring continuous, normal operation of electrical and electronic systems.

Furse continues to reinforce their commitment to both quality and service, providing solutions which deliver safety and protection of people, structures and electrical services within the built environment.





A total solution

Our reach & expertise

Furse is a leading brand of ABB and provides critical solutions for Earthing, Lightning Protection and Electronic Systems Protection.

With a heritage of over 125 years, the Furse brand is synonymous with earthing and lightning protection, and is recognised worldwide for its Total Solution.

The Furse Total Solution incorporates all customer needs for earthing and lightning protection, including:

- Structural lightning protection systems
- Earthing for lightning protection, power and telecommunications systems
- Transient overvoltage protection
- Customer project consultations, technical guidance and system design

The Total Solution delivers the most complete and effective protection against lightning and earth fault current risk, both safeguarding life and ensuring continuous, normal operation of electrical and electronic systems.

Acquired by the ABB Group in 2012, and benefitting from ABB's wider network, the Furse brand has now become an established world leader in earthing and lightning protection, with products specified and installed in many prestigious projects globally.

Why choose Furse products and services?

Being an integral part of ABB reinforces our commitment to quality, service and to providing solutions which deliver safety and protection of people, structures and electrical services within the built environment.

Furse products and services aim to deliver customer value in key areas:

- **Reliability & ease of installation**

Furse products are manufactured from high quality materials within an ISO 9001 environment, to ensure long lasting performance, and are designed for easiest possible installation

- **Convenience & support**

Furse products are readily available through our distributors worldwide, and our sales are supported both locally and globally by technical guidance and support

- **Expertise & experience**

Our time served technical engineers provide specific advice on customers' earthing and lightning protection concerns, and can provide drawings and system designs to any recognised standard

FurseWELD

Exothermic welding

FurseWELD exothermic welding is a cost efficient method of making large or small numbers of high quality electrical connections.

The FurseWELD process

FurseWELD is a simple, self-contained system that uses the high temperature reaction of powdered copper oxide and aluminium, within a mould, to form permanent electrical connections.

The FurseWELD system:

- Requires no external power or heat source
- Creates high quality electrical connections
- Is completely portable
- Can be used safely with minimum training
- Is cost effective
- Has over 45 standard connection configurations

Typical applications include:

- Earthing for power plants and substations
- Telecommunications
- Transmission and power distribution lines
- Cathodic protection
- Rail connections

The FurseWELD connection

FurseWELD connections have several advantages:

- Tolerant to repeated fault currents
- Highly conductive
- Do not loosen
- Excellent corrosion resistance

Most FurseWELD connections have at least twice the cross-sectional area of the conductors being joined, and an equivalent or greater current carrying capacity. Corrosion resistance is exceptional because of the very high copper content (> 90%) of the alloy.

Moulds

The FurseWELD system of exothermic welding uses moulds to contain the exothermic reaction that creates safe and robust connections.

Market leading FurseWELD graphite moulds are extremely robust and capable of producing up to 75 connections each, if not more when properly maintained.

FurseWELD products

- A powder cartridge is required for each joint to be made
- Handle clamps enable the mould to be handled when hot, and the two halves of the mould to be opened and clamped together
- Packing is required when welding to reinforcing bar

Conductors

The range of FurseWELD moulds is designed to work with all common conductor formats:

- Flat tape conductor
- Stranded conductor
- Solid circular conductor

FurseWELD quality notes

FurseWELD moulds should only be used with FurseWELD powders, handle clamps and accessories. If moulds, powders, handle clamps and accessories from other manufacturers are utilized, we cannot guarantee the safe use or the integrity of the completed joint.

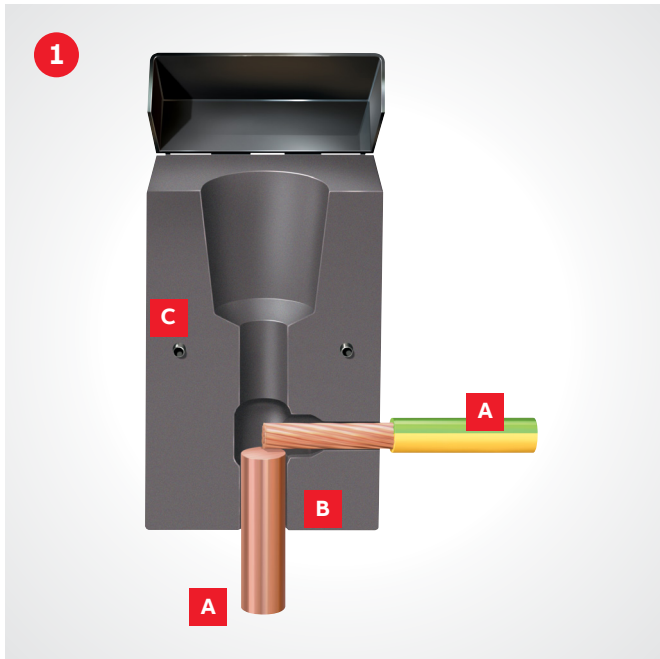
FurseWELD moulds shown in this catalogue for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative.

Conductors must be installed in the orientation shown to achieve the correct connection.

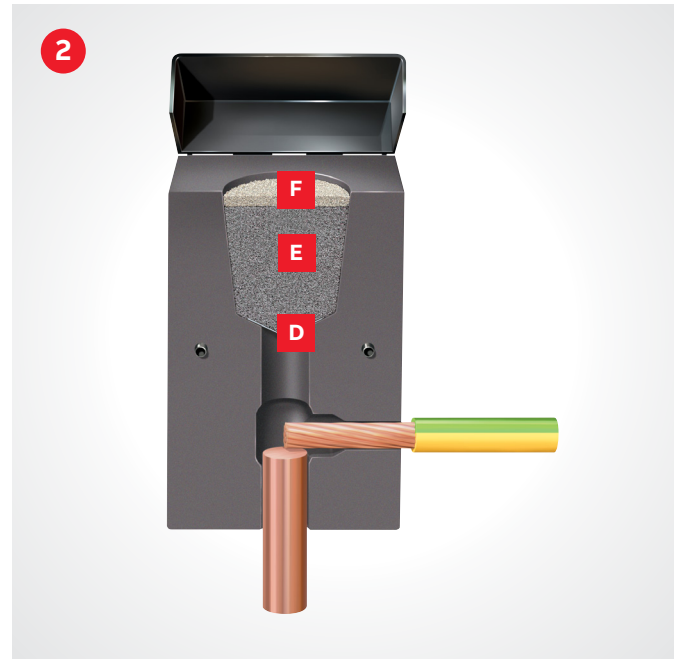
If connections shown do not meet your requirements, please contact your local sales office.

FurseWELD exothermic welding

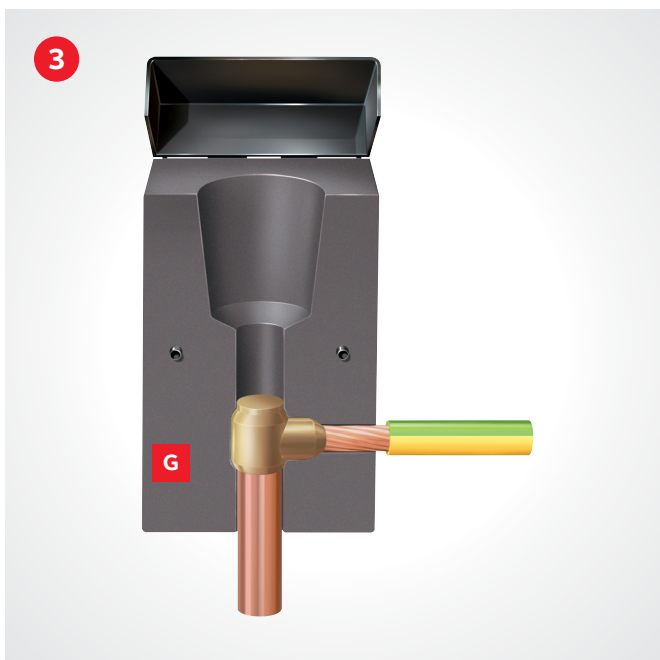
Operation steps



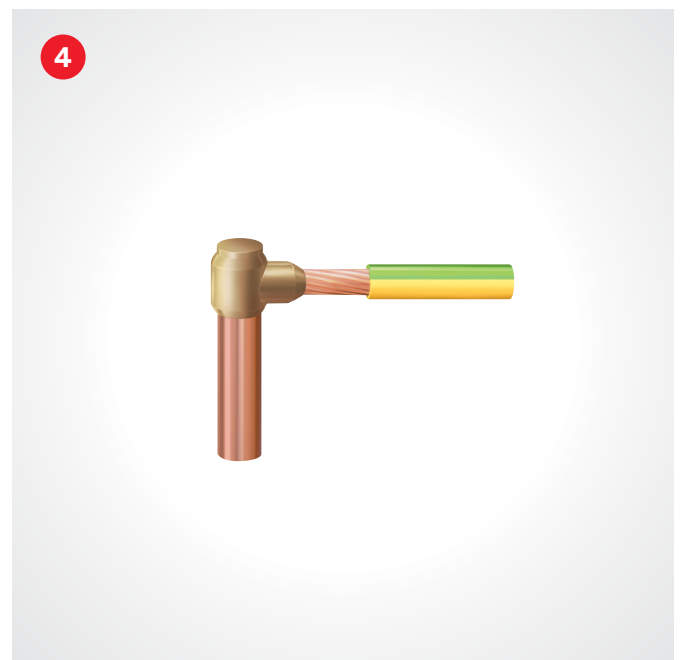
1. Locate the conductors (A) to be joined in the weld cavity (B) and close the mould (C).



2. Place the steel retaining disc in the base of the crucible (D). Pour in the weld powder (E) followed by the starting powder (F). Ignite starting powder with a spark gun.



3. The resulting exothermic reaction reduces the weld powder to molten copper alloy which melts the retaining disc and flows into the weld cavity where it partially melts the conductors (G).

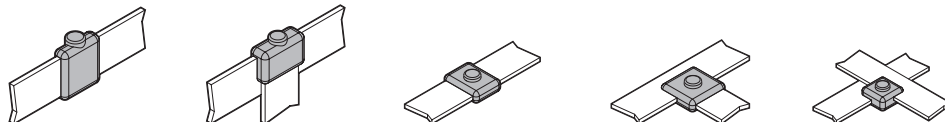


4. The molten copper alloy cools to leave a fusion weld of great mechanical and electrical integrity.

FurseWELD

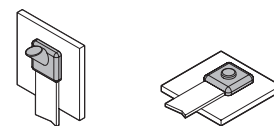
Connection selection guide

Bar to bar



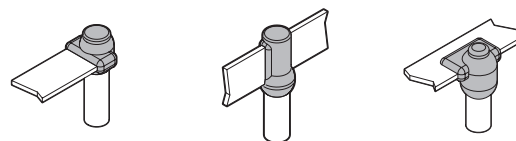
Connection Type	Type BB1	Type BB3	Type BB7	Type BB14	Type BB41
Page No.	10	11	12	13	14

Bar to steel surface



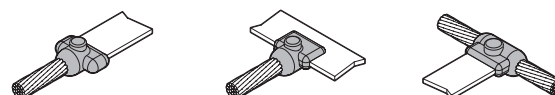
Connection Type	Type BS1	Type BS2
Page No.	15	15

Bar to earth rod



Connection Type	Type BR1	Type BR2	Type BR7
Page No.	16	18	20

Cable to bar



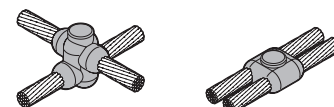
Connection Type	Type CB1	Type CB4	Type CB5
Page No.	22	23	24

Cable to cable



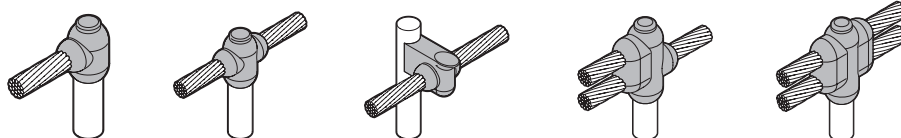
Connection Type	Type CC1	Type CC2	Type CC4	Type CC6	Type CC7
Page No.	25	26	27	28	29

Cable to cable



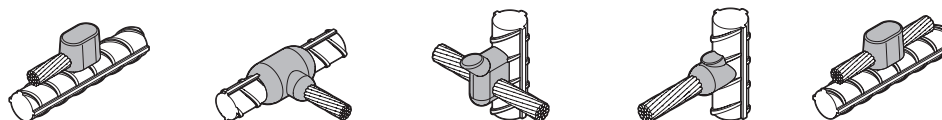
Connection Type	Type CC11	Type CC14
Page No.	30	31

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Cable to earth rod



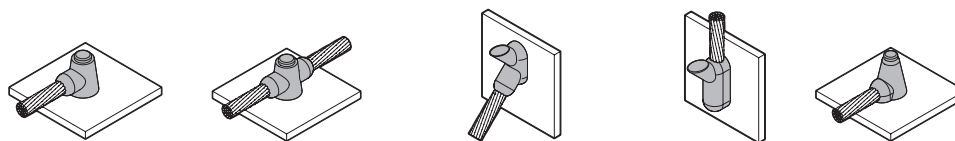
Connection Type	Type CR1	Type CR2	Type CR3	Type CR17	Type CR24
Page No.	34	35	36	37	38

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Cable to reinforcing bar



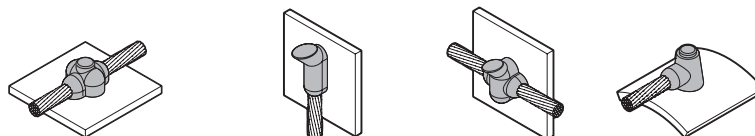
Connection Type	Type CRE1	Type CRE2	Type CRE3	Type CRE6	Type CRE17
Page No.	37	38	39	40	40

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Cable to steel surface & pipe



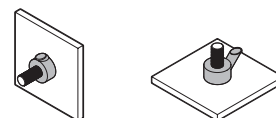
Connection Type	Type CS1	Type CS2	Type CS3	Type CS7	Type CS8
Page No.	41	41	42	42	43

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Cable to steel surface & pipe



Connection Type	Type CS9	Type CS25	Type CS27	Type CS32
Page No.	43	44	44	45

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Stud to steel surface



Connection Type	Type RS1	Type RS2
Page No.	46	46

Conductors must be in the orientation shown to achieve the correct connection

Furse offers technical support to assist with selection of joint type. If connections shown do not meet your requirements, please contact your local sales office for assistance.

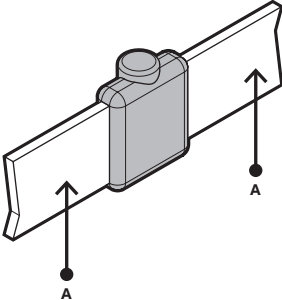
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FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Bar to bar BB1

Bar to bar BB1 - FurseWELD



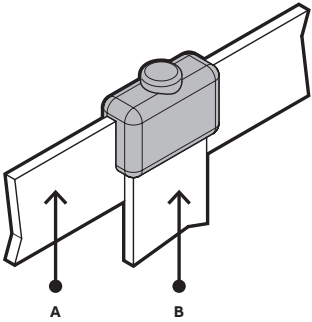
Mould part no.	Order code	Flat tape conductor size A (mm)	Powder cartridge part no.	Handle clamp part no.
BB1-4-203	7TCA083910R2736	20 x 3	45P10	HCPK4
BB1-4-253	7TCA083910R0007	25 x 3	65P10	HCPK4
BB1-4-254	7TCA083910R0010	25 x 4	90P10	HCPK4
BB1-4-256	7TCA083910R0011	25 x 6	150P10	HCPK4
BB1-4-303	7TCA083910R0013	30 x 3	90P10	HCPK4
BB1-4-304	7TCA083910R0015	30 x 4	115P10	HCPK4
BB1-4-305	7TCA083910R0016	30 x 5	115P10	HCPK4
BB1-4-316	7TCA083910R0019	31 x 6	150P10	HCPK4
BB1-4-385	7TCA083910R0021	38 x 5	150P10	HCPK4
BB1-4-386	7TCA083910R0022	38 x 6	200P10	HCPK4
BB1-4-403	7TCA083910R0023	40 x 3	115P10	HCPK4
BB1-4-404	7TCA083910R0024	40 x 4	150P10	HCPK4
BB1-4-405	7TCA083910R0027	40 x 5	150P10	HCPK4
BB1-4-406	7TCA083910R0028	40 x 6	200P10	HCPK4
BB1-4-503	7TCA083910R0030	50 x 3	150P10	HCPK4
BB1-4-504	7TCA083910R0031	50 x 4	200P10	HCPK4
BB1-4-505	7TCA083910R0032	50 x 5	200P10	HCPK4
BB1-4-506	7TCA083910R0033	50 x 6	250P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Bar to bar BB3

Bar to bar BB3 - FurseWELD



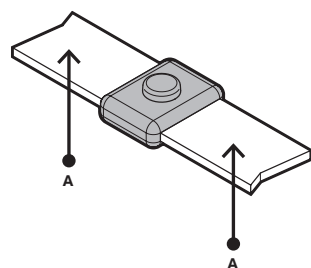
Mould part no.	Order code	Flat tape conductor size A (mm)	Flat tape conductor size B (mm)	Powder cartridge part no.	Handle clamp part no.
BB3-4-203203	7TCA083910R0194	20 x 3	20 x 3	65P10	HCPK4
BB3-4-253253	7TCA083910R0196	25 x 3	25 x 3	65P10	HCPK4
BB3-4-253253-IU	7TCA083910R3222	25 x 3	25 x 3	65P10	HCPK4
BB3-4-254254	7TCA083910R0200	25 x 4	25 x 4	90P10	HCPK4
BB3-4-256256	7TCA083910R0205	25 x 6	25 x 6	150P10	HCPK4
BB3-4-303303	7TCA083910R0207	30 x 3	30 x 3	90P10	HCPK4
BB3-4-304304	7TCA083910R0209	30 x 4	30 x 4	115P10	HCPK4
BB3-4-305305	7TCA083910R0210	30 x 5	30 x 5	115P10	HCPK4
BB3-4-316316	7TCA083910R0213	31 x 6	31 x 6	200P10	HCPK4
BB3-4-385385	7TCA083910R0217	38 x 5	38 x 5	150P10	HCPK4
BB3-4-386386	7TCA083910R0219	38 x 6	38 x 6	200P10	HCPK4
BB3-4-403403	7TCA083910R0221	40 x 3	40 x 3	115P10	HCPK4
BB3-4-404404	7TCA083910R0223	40 x 4	40 x 4	150P10	HCPK4
BB3-4-405405	7TCA083910R0224	40 x 5	40 x 5	150P10	HCPK4
BB3-4-406406	7TCA083910R0226	40 x 6	40 x 6	200P10	HCPK4
BB3-4-503503	7TCA083910R0228	50 x 3	50 x 3	200P10	HCPK4
BB3-4-504504	7TCA083910R0229	50 x 4	50 x 4	200P10	HCPK4
BB3-4-504504-IU	7TCA083910R3275	50 x 4	50 x 4	200P10	HCPK4
BB3-4-505505	7TCA083910R0233	50 x 5	50 x 5	200P10	HCPK4
BB3-4-506506	7TCA083910R0238	50 x 6	50 x 6	250P10	HCPK4

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FurseWELD

Bar to bar BB7

Bar to bar BB7 - FurseWELD



Mould part no.	Order code	Flat tape conductor size A (mm)	Powder cartridge part no.	Handle clamp part no.
BB7-4-203	7TCA083910R0309	20 x 3	45P10	HCPK4
BB7-4-253	7TCA083910R0311	25 x 3	65P10	HCPK4
BB7-4-253-IU	7TCA083910R3187	25 x 3	65P10	HCPK4
BB7-4-254	7TCA083910R0312	25 x 4	90P10	HCPK4
BB7-4-254-IU	7TCA083910R3188	25 x 4	90P10	HCPK4
BB7-4-256	7TCA083910R0313	25 x 6	115P10	HCPK4
BB7-4-256-IU	7TCA083910R3201	25 x 6	115P10	HCPK4
BB7-4-303	7TCA083910R0317	30 x 3	65P10	HCPK4
BB7-4-304	7TCA083910R0319	30 x 4	90P10	HCPK4
BB7-4-305	7TCA083910R0320	30 x 5	115P10	HCPK4
BB7-4-316	7TCA083910R0325	31 x 6	150P10	HCPK4
BB7-4-385	7TCA083910R0327	38 x 5	150P10	HCPK4
BB7-4-386	7TCA083910R0328	38 x 6	200P10	HCPK4
BB7-4-403	7TCA083910R0330	40 x 3	90P10	HCPK4
BB7-4-404	7TCA083910R0331	40 x 4	115P10	HCPK4
BB7-4-404-IU	7TCA083910R3200	40 x 4	115P10	HCPK4
BB7-4-405	7TCA083910R0335	40 x 5	150P10	HCPK4
BB7-4-406	7TCA083910R0336	40 x 6	200P10	HCPK4
BB7-4-406-IU	7TCA083910R3312	40 x 6	200P10	HCPK4
BB7-5-503	7TCA083910R0342	50 x 3	150P10	HCPK5
BB7-5-504	7TCA083910R0343	50 x 4	200P10	HCPK5
BB7-5-504-IU	7TCA083910R3196	50 x 4	200P10	HCPK5
BB7-5-505	7TCA083910R0344	50 x 5	200P10	HCPK5
BB7-5-506	7TCA083910R0345	50 x 6	250P10	HCPK5
BB7-5-506-IU	7TCA083910R3198	50 x 6	250P10	HCPK5

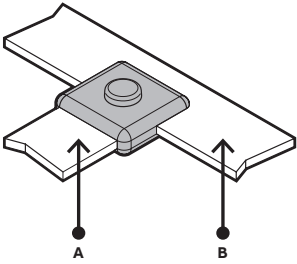
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FurseWELD

Bar to bar BB14

Bar to bar BB14 - FurseWELD



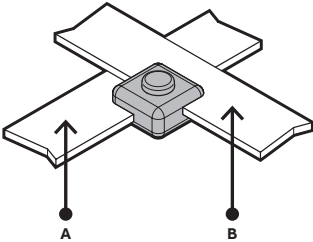
Mould part no.	Order code	Flat tape conductor size A (mm)	Flat tape conductor size B (mm)	Powder cartridge part no.	Handle clamp part no.
BB14-4-203203	7TCA083910R0050	20 x 3	20 x 3	45P10	HCPK4
BB14-4-253253	7TCA083910R0052	25 x 3	25 x 3	65P10	HCPK4
BB14-4-253253-IU	7TCA083910R3183	25 x 3	25 x 3	65P10	HCPK4
BB14-4-254254	7TCA083910R0055	25 x 4	25 x 4	90P10	HCPK4
BB14-4-254254-IU	7TCA083910R3184	25 x 4	25 x 4	90P10	HCPK4
BB14-4-254404-IU	7TCA083910R3278	25 x 4	40 x 4	115P10	HCPK4
BB14-4-256256	7TCA083910R0063	25 x 6	25 x 6	115P10	HCPK4
BB14-4-256256-IU	7TCA083910R3185	25 x 6	25 x 6	115P10	HCPK4
BB14-4-256406-IU	7TCA083910R3272	25 X 6	40 x 6	150P10	HCPK4
BB14-4-303303	7TCA083910R0067	30 x 3	30 x 3	65P10	HCPK4
BB14-4-304304	7TCA083910R0070	30 x 4	30 x 4	90P10	HCPK4
BB14-4-305305	7TCA083910R0072	30 x 5	30 x 5	115P10	HCPK4
BB14-4-316316	7TCA083910R0077	31 x 6	31 x 6	150P10	HCPK4
BB14-4-385385	7TCA083910R0083	38 x 5	38 x 5	150P10	HCPK4
BB14-4-386386	7TCA083910R0086	38 x 6	38 x 6	200P10	HCPK4
BB14-4-403403	7TCA083910R0091	40 x 3	40 x 3	90P10	HCPK4
BB14-4-403403-IU	7TCA083910R3300	40 x 3	40 x 3	90P10	HCPK4
BB14-4-404404	7TCA083910R0097	40 x 4	40 x 4	115P10	HCPK4
BB14-4-404404-IU	7TCA083910R3186	40 x 4	40 x 4	115P10	HCPK4
BB14-4-404253-IU	7TCA083910R3265	40 x 4	40 x 4	90P10	HCPK4
BB14-4-404254-IU	7TCA083910R3274	40 X 4	25 x 4	90P10	HCPK4
BB14-5-4045063-IU	7TCA083910R3264	40 x 4	50 x 6.3	250P10	HCPK5
BB14-4-405405	7TCA083910R0102	40 x 5	40 x 5	150P10	HCPK4
BB14-4-406406	7TCA083910R0109	40 x 6	40 x 6	200P10	HCPK4
BB14-4-406406-IU	7TCA083910R3199	40 x 6	40 x 6	200P10	HCPK4
BB14-4-406253-IU	7TCA083910R3307	40 x 6	25 x 3	200P10	HCPK4
BB14-5-503503	7TCA083910R0143	50 x 3	50 x 3	150P10	HCPK5
BB14-5-504504	7TCA083910R0146	50 x 4	50 x 4	200P10	HCPK5
BB14-5-504504 -IU	7TCA083910R3202	50 x 4	50 x 4	200P10	HCPK5
BB14-5-505505	7TCA083910R0150	50 x 5	50 x 5	200P10	HCPK5
BB14-5-506506	7TCA083910R0155	50 x 6	50 x 6	250P10	HCPK5
BB14-5-506506-IU	7TCA083910R3197	50 x 6	50 x 6	250P10	HCPK5

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FurseWELD

Bar to bar BB41

Bar to bar BB41 - FurseWELD



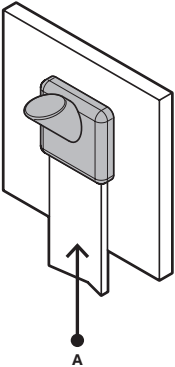
Mould part no.	Order code	Flat tape conductor size A (mm)	Flat tape conductor size B (mm)	Powder cartridge part no.	Handle clamp part no.
BB41-4-203203	7TCA083910R0254	20 x 3	20 x 3	65P10	HCPK4
BB41-4-253253	7TCA083910R0256	25 x 3	25 x 3	65P10	HCPK4
BB41-4-253253-IU	7TCA083910R3223	25 x 3	25 x 3	65P10	HCPK4
BB41-4-254254	7TCA083910R0258	25 x 4	25 x 4	90P10	HCPK4
BB41-4-256256	7TCA083910R0259	25 x 6	25 x 6	115P10	HCPK4
BB41-4-303303	7TCA083910R0263	30 x 3	30 x 3	115P10	HCPK4
BB41-4-304304	7TCA083910R0265	30 x 4	30 x 4	115P10	HCPK4
BB41-4-305305	7TCA083910R0266	30 x 5	30 x 5	115P10	HCPK4
BB41-4-316316	7TCA083910R0269	31 x 6	31 x 6	115P10	HCPK4
BB41-4-385385	7TCA083910R0272	38 x 5	38 x 5	150P10	HCPK4
BB41-4-386386	7TCA083910R0273	38 x 6	38 x 6	200P10	HCPK4
BB41-4-403403	7TCA083910R0274	40 x 3	40 x 3	200P10	HCPK4
BB41-4-404404	7TCA083910R0275	40 x 4	40 x 4	200P10	HCPK4
BB41-4-404404-IU	7TCA083910R3231	40 x 4	40 x 4	200P10	HCPK4
BB41-4-405405	7TCA083910R0276	40 x 5	40 x 5	200P10	HCPK4
BB41-4-406406	7TCA083910R0279	40 x 6	40 x 6	200P10	HCPK4
BB41-5-503503	7TCA083910R0285	50 x 3	50 x 3	200P10	HCPK5
BB41-5-504504	7TCA083910R0286	50 x 4	50 x 4	200P10	HCPK5
BB41-5-505505	7TCA083910R0288	50 x 5	50 x 5	200P10	HCPK5
BB41-5-506506	7TCA083910R0291	50 x 6	50 x 6	200P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request
Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

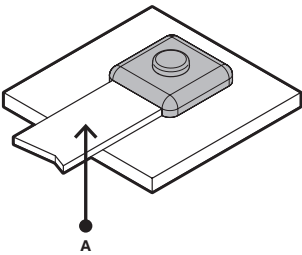
Bar to steel surface BS1 & BS2

Bar to steel surface BS1 - FurseWELD

	Mould part no.	Order code	Flat tape conductor size A (mm)	Powder cartridge part no.	Handle clamp part no.
	BS1-4-253	7TCA083910R0573	25 x 3	90P10	HCPK4
	BS1-4-254	7TCA083910R0575	25 x 4	90P10	HCPK4
	BS1-4-256	7TCA083910R0576	25 x 6	150P10	HCPK4
	BS1-4-303	7TCA083910R0579	30 x 3	90P10	HCPK4
	BS1-4-304	7TCA083910R2919	30 x 4	115P10	HCPK4
	BS1-4-305	7TCA083910R2920	30 x 5	150P10	HCPK4
	BS1-4-386	7TCA083910R0581	38 x 6	250P10	HCPK4
	BS1-4-403	7TCA083910R0582	40 x 3	150P10	HCPK4
	BS1-4-404	7TCA083910R0583	40 x 4	200P10	HCPK4
	BS1-4-405	7TCA083910R2921	40 x 5	200P10	HCPK4
	BS1-4-503	7TCA083910R0584	50 x 3	200P10	HCPK4
	BS1-4-504	7TCA083910R0585	50 x 4	250P10	HCPK4
	BS1-5-506	7TCA083910R0586	50 x 6	2 x 150P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

Bar to steel surface BS2 - FurseWELD

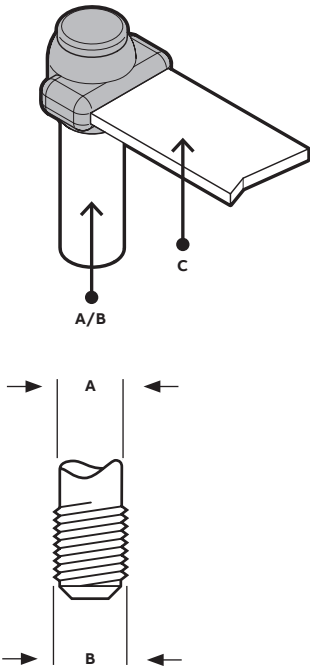
	Mould part no.	Order code	Flat tape conductor size A (mm)	Powder cartridge part no.	Handle clamp part no.
	BS2-4-253	7TCA083910R0591	25 x 3	90P10	HCPK4
	BS2-4-254	7TCA083910R0592	25 x 4	90P10	HCPK4
	BS2-4-256	7TCA083910R0593	25 x 6	150P10	HCPK4
	BS2-4-303	7TCA083910R2922	30 x 3	115P10	HCPK4
	BS2-4-304	7TCA083910R2923	30 x 4	150P10	HCPK4
	BS2-4-305	7TCA083910R2581	30 x 5	200P10	HCPK4
	BS2-4-386	7TCA083910R0595	38 x 6	200P10	HCPK4
	BS2-4-403	7TCA083910R2617	40 x 3	200P10	HCPK4
	BS2-4-404	7TCA083910R0596	40 x 4	200P10	HCPK4
	BS2-4-405	7TCA083910R0597	40 x 5	200P10	HCPK4
	BS2-4-503	7TCA083910R0598	50 x 3	200P10	HCPK4
	BS2-5-504	7TCA083910R0599	50 x 4	2 x 150P10	HCPK5
	BS2-5-506	7TCA083910R0600	50 x 6	2 x 150P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Bar to earth rod BR1

Bar to earth rod BR1 - FurseWELD

	Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Flat tape conductor size C (mm)	Powder cartridge part no.	Handle clamp part no.
	BR1-4-127504-IU	7TCA083910R3247	12.7	½	50 x 4	115P10	HCPK4
	BR1-4-142253	7TCA083910R0368	14.2	⅝	25 x 3	90P10	HCPK4
	BR1-4-142253-IU	7TCA083910R3189	14.2	⅝	25 x 3	90P10	HCPK4
	BR1-4-142254	7TCA083910R0369	14.2	⅝	25 x 4	115P10	HCPK4
	BR1-4-142254-IU	7TCA083910R3190	14.2	⅝	25 x 4	115P10	HCPK4
	BR1-4-142256	7TCA083910R0370	14.2	⅝	25 x 6	115P10	HCPK4
	BR1-4-142256-IU	7TCA083910R3242	14.2	⅝	25 x 6	115P10	HCPK4
	BR1-4-142302	7TCA083910R2924	14.2	⅝	30 x 2	115P10	HCPK4
	BR1-4-142303	7TCA083910R2925	14.2	⅝	30 x 3	115P10	HCPK4
	BR1-4-142304	7TCA083910R0371	14.2	⅝	30 x 4	150P10	HCPK4
	BR1-4-142305	7TCA083910R2340	14.2	⅝	30 x 5	150P10	HCPK4
	BR1-4-142385	7TCA083910R0375	14.2	⅝	38 x 5	150P10	HCPK4
	BR1-4-142386	7TCA083910R0376	14.2	⅝	38 x 6	200P10	HCPK4
	BR1-4-142403	7TCA083910R0377	14.2	⅝	40 x 3	150P10	HCPK4
	BR1-4-142404	7TCA083910R0378	14.2	⅝	40 x 4	150P10	HCPK4
	BR1-4-142404-IU	7TCA083910R3191	14.2	⅝	40 x 4	150P10	HCPK4
	BR1-4-142405	7TCA083910R0379	14.2	⅝	40 x 5	150P10	HCPK4
	BR1-4-142406	7TCA083910R0380	14.2	⅝	40 x 6	200P10	HCPK4
	BR1-4-142503	7TCA083910R0382	14.2	⅝	50 x 3	150P10	HCPK4
	BR1-4-142504	7TCA083910R0383	14.2	⅝	50 x 4	200P10	HCPK4
	BR1-4-142504-IU	7TCA083910R3208	14.2	⅝	50 x 4	200P10	HCPK4
	BR1-4-142505	7TCA083910R0384	14.2	⅝	50 x 5	200P10	HCPK4
	BR1-4-142506	7TCA083910R0385	14.2	⅝	50 x 6	200P10	HCPK4
	BR1-4-142506-IU	7TCA083910R3207	14.2	⅝	50 x 6	200P10	HCPK4

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

Threaded portion of copperbond rods must be removed prior to welding

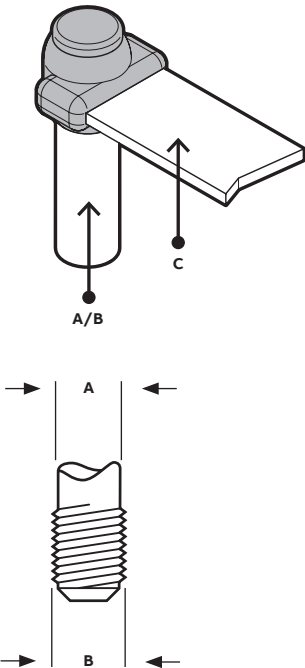
Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

Bar to earth rod BR1

Bar to earth rod BR1 (continued) - FurseWELD

	Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Flat tape conductor size C (mm)	Powder cartridge part no.	Handle clamp part no.
	BR1-4-172253	7TCA083910R0398	17.2	¾	25 x 3	150P10	HCPK4
	BR1-4-172254	7TCA083910R0399	17.2	¾	25 x 4	150P10	HCPK4
	BR1-4-172254-IU	7TCA083910R3273	17.2	¾	25 X 4	150P10	HCPK4
	BR1-4-172256	7TCA083910R0400	17.2	¾	25 x 6	200P10	HCPK4
	BR1-4-172302	7TCA083910R0401	17.2	¾	30 x 2	150P10	HCPK4
	BR1-4-172303	7TCA083910R2926	17.2	¾	30 x 3	150P10	HCPK4
	BR1-4-172304	7TCA083910R2927	17.2	¾	30 x 4	250P10	HCPK4
	BR1-4-172305	7TCA083910R2928	17.2	¾	30 x 5	200P10	HCPK4
	BR1-4-172385	7TCA083910R2602	17.2	¾	38 x 5	200P10	HCPK4
	BR1-5-172386	7TCA083910R2929	17.2	¾	38 x 6	2 x 150P10	HCPK5
	BR1-4-172403	7TCA083910R0402	17.2	¾	40 x 3	200P10	HCPK4
	BR1-4-172404	7TCA083910R0403	17.2	¾	40 x 4	200P10	HCPK4
	BR1-4-172404-IU	7TCA083910R3266	17.2	¾	40 x 4	200P10	HCPK4
	BR1-4-172405	7TCA083910R2243	17.2	¾	40 x 5	200P10	HCPK4
	BR1-5-172406	7TCA083910R2930	17.2	¾	40 x 6	2 x 150P10	HCPK5
	BR1-5-172503	7TCA083910R2408	17.2	¾	50 x 3	2 x 150P10	HCPK5
	BR1-5-172504	7TCA083910R0407	17.2	¾	50 x 4	2 x 150P10	HCPK5
	BR1-5-172505	7TCA083910R2931	17.2	¾	50 x 5	2 x 150P10	HCPK5
	BR1-5-172506	7TCA083910R0408	17.2	¾	50 x 6	2 x 200P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

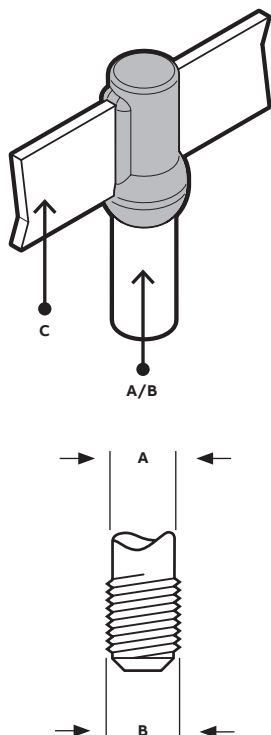
Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Bar to earth rod BR2

Bar to earth rod BR2 - FurseWELD



Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Flat tape conductor size C (mm)	Powder cartridge part no.	Handle clamp part no.
BR2-4-142253	7TCA083910R0424	14.2	5/8	25 x 3	90P10	HCPK4
BR2-4-142254	7TCA083910R0426	14.2	5/8	25 x 4	115P10	HCPK4
BR2-4-142256	7TCA083910R0428	14.2	5/8	25 x 6	150P10	HCPK4
BR2-4-142302	7TCA083910R0429	14.2	5/8	30 x 2	90P10	HCPK4
BR2-4-142303	7TCA083910R0430	14.2	5/8	30 x 3	115P10	HCPK4
BR2-4-142304	7TCA083910R0431	14.2	5/8	30 x 4	150P10	HCPK4
BR2-4-142305	7TCA083910R0432	14.2	5/8	30 x 5	150P10	HCPK4
BR2-4-142385	7TCA083910R0434	14.2	5/8	38 x 5	150P10	HCPK4
BR2-4-142386	7TCA083910R0435	14.2	5/8	38 x 6	200P10	HCPK4
BR2-4-142403	7TCA083910R0436	14.2	5/8	40 x 3	150P10	HCPK4
BR2-4-142403-IU	7TCA083910R3303	14.2	5/8	40 x 3	150P10	HCPK4
BR2-4-142404	7TCA083910R0437	14.2	5/8	40 x 4	150P10	HCPK4
BR2-4-142405	7TCA083910R0438	14.2	5/8	40 x 5	150P10	HCPK4
BR2-4-142406	7TCA083910R0439	14.2	5/8	40 x 6	200P10	HCPK4
BR2-4-142503	7TCA083910R0440	14.2	5/8	50 x 3	200P10	HCPK4
BR2-4-142504	7TCA083910R0441	14.2	5/8	50 x 4	200P10	HCPK4
BR2-4-142505	7TCA083910R0442	14.2	5/8	50 x 5	200P10	HCPK4
BR2-4-142506	7TCA083910R0443	14.2	5/8	50 x 6	250P10	HCPK4

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

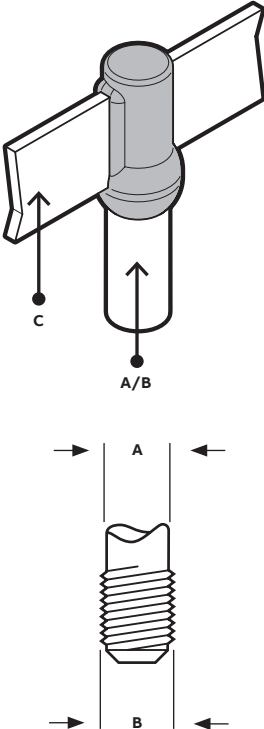
Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Bar to earth rod BR2

Bar to earth rod BR2 (continued) - FurseWELD

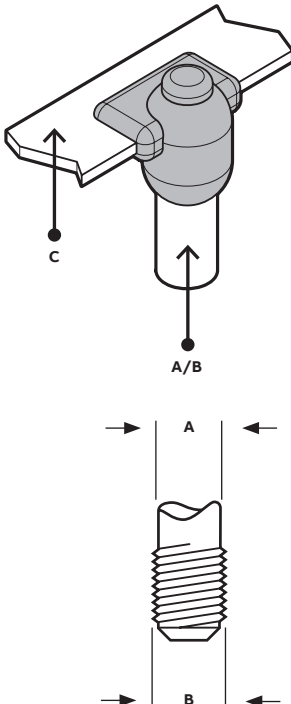
	Mould part no.	Order code	Earth rod A ϕ (mm)	Earth rod B ϕ (")	Flat tape conductor size C (mm)	Powder cartridge part no.	Handle clamp part no.
	BR2-4-172253	7TCA083910R0449	17.2	$\frac{3}{4}$	25 x 3	150P10	HCPK4
	BR2-4-172254	7TCA083910R0450	17.2	$\frac{3}{4}$	25 x 4	200P10	HCPK4
	BR2-4-172256	7TCA083910R0451	17.2	$\frac{3}{4}$	25 x 6	200P10	HCPK4
	BR2-4-172302	7TCA083910R0452	17.2	$\frac{3}{4}$	30 x 2	150P10	HCPK4
	BR2-4-172303	7TCA083910R0453	17.2	$\frac{3}{4}$	30 x 3	150P10	HCPK4
	BR2-4-172304	7TCA083910R0454	17.2	$\frac{3}{4}$	30 x 4	250P10	HCPK4
	BR2-4-172305	7TCA083910R2932	17.2	$\frac{3}{4}$	30 x 5	200P10	HCPK4
	BR2-4-172385	7TCA083910R0455	17.2	$\frac{3}{4}$	38 x 5	200P10	HCPK4
	BR2-4-172386	7TCA083910R0456	17.2	$\frac{3}{4}$	38 x 6	250P10	HCPK4
	BR2-4-172403	7TCA083910R0457	17.2	$\frac{3}{4}$	40 x 3	200P10	HCPK4
	BR2-4-172404	7TCA083910R0458	17.2	$\frac{3}{4}$	40 x 4	200P10	HCPK4
	BR2-4-172405	7TCA083910R0459	17.2	$\frac{3}{4}$	40 x 5	200P10	HCPK4
	BR2-4-172406	7TCA083910R2538	17.2	$\frac{3}{4}$	40 x 6	200P10	HCPK4
	BR2-5-172503	7TCA083910R2933	17.2	$\frac{3}{4}$	50 x 3	2 x 150P10	HCPK5
	BR2-5-172504	7TCA083910R0462	17.2	$\frac{3}{4}$	50 x 4	2 x 150P10	HCPK5
	BR2-5-172505	7TCA083910R0463	17.2	$\frac{3}{4}$	50 x 5	2 x 150P10	HCPK5
	BR2-5-172506	7TCA083910R0464	17.2	$\frac{3}{4}$	50 x 6	2 x 150P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office
 Threaded portion of copperbond rods must be removed prior to welding
 Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Bar to earth rod BR7

Bar to earth rod BR7 - FurseWELD

	Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Flat tape conductor size C (mm)	Powder cartridge part no.	Handle clamp part no.
	BR7-4-127504-IU	7TCA083910R3246	12.7	½	50 x 4	115P10	HCPK4
	BR7-4-142253	7TCA083910R0472	14.2	⅝	25 x 3	90P10	HCPK4
	BR7-4-142254	7TCA083910R0473	14.2	⅝	25 x 4	115P10	HCPK4
	BR7-4-142254-IU	7TCA083910R3257	14.2	⅝	25 x 4	115P10	HCPK4
	BR7-4-142256	7TCA083910R2427	14.2	⅝	25 x 6	115P10	HCPK4
	BR7-4-142256-IU	7TCA083910R3216	14.2	⅝	25 x 6	115P10	HCPK4
	BR7-4-142302	7TCA083910R2934	14.2	⅝	30 x 2	115P10	HCPK4
	BR7-4-142303	7TCA083910R2935	14.2	⅝	30 x 3	115P10	HCPK4
	BR7-4-142304	7TCA083910R0474	14.2	⅝	30 x 4	150P10	HCPK4
	BR7-4-142305	7TCA083910R2575	14.2	⅝	30 x 5	150P10	HCPK4
	BR7-4-142385	7TCA083910R2937	14.2	⅝	38 x 5	150P10	HCPK4
	BR7-4-142386	7TCA083910R2938	14.2	⅝	38 x 6	200P10	HCPK4
	BR7-4-142403	7TCA083910R2939	14.2	⅝	40 x 3	115P10	HCPK4
	BR7-4-142404	7TCA083910R2260	14.2	⅝	40 x 4	150P10	HCPK4
	BR7-4-142405	7TCA083910R2940	14.2	⅝	40 x 5	150P10	HCPK4
	BR7-4-142406	7TCA083910R2911	14.2	⅝	40 x 6	200P10	HCPK4
	BR7-4-142503	7TCA083910R0475	14.2	⅝	50 x 3	150P10	HCPK4
	BR7-4-142504	7TCA083910R0476	14.2	⅝	50 x 4	200P10	HCPK4
	BR7-4-142505	7TCA083910R2941	14.2	⅝	50 x 5	200P10	HCPK4
	BR7-4-142506	7TCA083910R2358	14.2	⅝	50 x 6	200P10	HCPK4

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

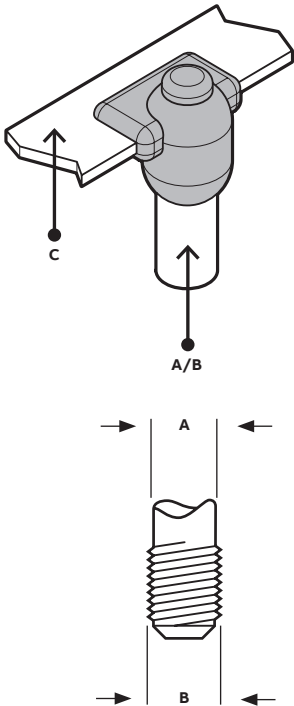
Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Bar to earth rod BR7

Bar to earth rod BR7 (continued) - FurseWELD

	Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Flat tape conductor size C (mm)	Powder cartridge part no.	Handle clamp part no.
	BR7-4-172253	7TCA083910R2719	17.2	¾	25 x 3	150P10	HCPK4
	BR7-4-172254	7TCA083910R2341	17.2	¾	25 x 4	150P10	HCPK4
	BR7-4-172256	7TCA083910R2943	17.2	¾	25 x 6	200P10	HCPK4
	BR7-4-172302	7TCA083910R0480	17.2	¾	30 x 2	150P10	HCPK4
	BR7-4-172303	7TCA083910R2944	17.2	¾	30 x 3	150P10	HCPK4
	BR7-4-172304	7TCA083910R2945	17.2	¾	30 x 4	250P10	HCPK4
	BR7-4-172305	7TCA083910R2576	17.2	¾	30 x 5	200P10	HCPK4
	BR7-4-172385	7TCA083910R2946	17.2	¾	38 x 5	200P10	HCPK4
	BR7-5-172386	7TCA083910R2947	17.2	¾	38 x 6	250P10	HCPK5
	BR7-4-172403	7TCA083910R2543	17.2	¾	40 x 3	200P10	HCPK4
	BR7-4-172404	7TCA083910R2525	17.2	¾	40 x 4	200P10	HCPK4
	BR7-4-172404-IU	7TCA083910R3269	17.2	¾	40 x 4	200P10	HCPK4
	BR7-4-172405	7TCA083910R2948	17.2	¾	40 x 5	200P10	HCPK4
	BR7-5-172406	7TCA083910R2949	17.2	¾	40 x 6	250P10	HCPK5
	BR7-5-172504	7TCA083910R3026	17.2	¾	50 x 4	250P10	HCPK5
	BR7-5-172505	7TCA083910R3027	17.2	¾	50 x 5	2 x 150P10	HCPK5
	BR7-5-172506	7TCA083910R2298	17.2	¾	50 x 6	2 x 200P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

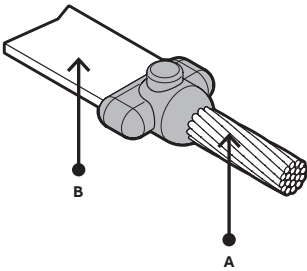
Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD

Cable to bar CB1

Cable to bar CB1 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm²)	Flat tape conductor size B (mm)	Powder cartridge part no.	Handle clamp part no.
CB1-4-16253	7TCA083910R0641	16 *	25 x 3	45P10	HCPK4
CB1-4-25253	7TCA083910R0653	25	25 x 3	45P10	HCPK4
CB1-4-35203	7TCA083910R0654	35	20 x 3	45P10	HCPK4
CB1-4-35253	7TCA083910R0655	35	25 x 3	45P10	HCPK4
CB1-4-50253	7TCA083910R0657	50	25 x 3	65P10	HCPK4
CB1-4-8SC253	7TCA083910R0668	Ø 8	25 x 3	65P10	HCPK4
CB1-4-70253	7TCA083910R0658	70	25 x 3	65P10	HCPK4
CB1-4-70254	7TCA083910R0659	70	25 x 4	65P10	HCPK4
CB1-4-70256	7TCA083910R0660	70	25 x 6	65P10	HCPK4
CB1-4-10SC253	7TCA083910R0616	Ø 10	25 x 3	65P10	HCPK4
CB1-4-70253-IU	7TCA083910R3262	70	25 x 3	65P10	HCPK4
CB1-4-10SC254	7TCA083910R2952	Ø 10	25 x 4	65P10	HCPK4
CB1-4-70254-IU	7TCA083910R3305	70	25 x 4	65P10	HCPK4
CB1-4-10SC256	7TCA083910R0617	Ø 10	25 x 6	65P10	HCPK4
CB1-4-95254	7TCA083910R0670	95	25 x 4	90P10	HCPK4
CB1-4-95256	7TCA083910R0671	95	25 x 6	90P10	HCPK4
CB1-4-120256	7TCA083910R0622	120	25 x 6	90P10	HCPK4
CB1-4-120305	7TCA083910R0623	120	30 x 5	115P10	HCPK4
CB1-4-150256	7TCA083910R0636	150	25 x 6	115P10	HCPK4
CB1-4-150305	7TCA083910R2953	150	30 x 5	115P10	HCPK4
CB1-4-150405	7TCA083910R0640	150	40 x 5	150P10	HCPK4
CB1-4-185316	7TCA083910R0644	185	31 x 6	150P10	HCPK4
CB1-4-185405	7TCA083910R0646	185	40 x 5	150P10	HCPK4
CB1-5-240504-IU	7TCA083910R3229	240	50 x 4	200P10	HCPK5
CB1-5-185505	7TCA083910R0683	185	50 x 5	200P10	HCPK5
CB1-5-240505	7TCA083910R0689	240	50 x 5	200P10	HCPK5
CB1-5-240506	7TCA083910R0690	240	50 x 6	2 x 150P10	HCPK5
CB1-5-240506-IU	7TCA083910R3224	240	50 x 6	2 x 150P10	HCPK5
CB1-5-300506	7TCA083910R0693	300	50 x 6	2 x 150P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

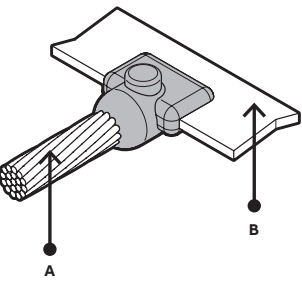
FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

Cable to bar CB4

Cable to bar CB4 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Flat tape conductor size B (mm)	Powder cartridge part no.	Handle clamp part no.
CB4-4-16253	7TCA083910R0800	16 *	25 x 3	45P10	HCPK4
CB4-4-25253	7TCA083910R0843	25	25 x 3	45P10	HCPK4
CB4-4-35253	7TCA083910R0851	35	25 x 3	45P10	HCPK4
CB4-4-50253	7TCA083910R0865	50	25 x 3	45P10	HCPK4
CB4-4-8SC253	7TCA083910R0908	Ø 8	25 x 3	45P10	HCPK4
CB4-4-70253	7TCA083910R0883	70	25 x 3	65P10	HCPK4
CB4-4-70253-IU	7TCA083910R3215	70	25 x 3	65P10	HCPK4
CB4-4-70254	7TCA083910R0884	70	25 x 4	65P10	HCPK4
CB4-4-70254-IU	7TCA083910R3217	70	25 x 4	65P10	HCPK4
CB4-4-70256	7TCA083910R0885	70	25 x 6	90P10	HCPK4
CB4-4-70404-IU	7TCA083910R3221	70	25 x 6	90P10	HCPK4
CB4-4-10SC253	7TCA083910R0759	Ø 10	25 x 3	65P10	HCPK4
CB4-4-10SC254	7TCA083910R0760	Ø 10	25 x 4	65P10	HCPK4
CB4-4-10SC256	7TCA083910R0761	Ø 10	25 x 6	90P10	HCPK4
CB4-4-95254	7TCA083910R0911	95	25 x 4	90P10	HCPK4
CB4-4-95254-IU	7TCA083910R3218	95	25 x 4	90P10	HCPK4
CB4-4-95256	7TCA083910R0912	95	25 x 6	115P10	HCPK4
CB4-4-120254-IU	7TCA083910R3220	120	25 x 6	115P10	HCPK4
CB4-4-120256	7TCA083910R0765	120	25 x 6	115P10	HCPK4
CB4-4-120305	7TCA083910R0769	120	30 x 5	115P10	HCPK4
CB4-4-120404-IU	7TCA083910R3299	120	40 x 4	115P10	HCPK4
CB4-4-120406-IU	7TCA083910R3308	120	40 x 6	150P10	HCPK4
CB4-4-120506-IU	7TCA083910R3296	120	50 x 6	150P10	HCPK4
CB4-4-150256	7TCA083910R0788	150	25 x 6	115P10	HCPK4
CB4-4-150305	7TCA083910R0789	150	30 x 5	115P10	HCPK4
CB4-4-150405	7TCA083910R0793	150	40 x 5	115P10	HCPK4
CB4-4-150254-IU	7TCA083910R3243	150	25 x 4	115P10	HCPK4
CB4-4-150256-IU	7TCA083910R3244	150	25 x 6	115P10	HCPK4
CB4-4-185316	7TCA083910R0810	185	31 x 6	150P10	HCPK4
CB4-4-185405	7TCA083910R0816	185	40 x 5	150P10	HCPK4
CB4-4-185505	7TCA083910R0820	185	50 x 5	150P10	HCPK4
CB4-4-240404-IU	7TCA083910R3253	240	40 x 4	200P10	HCPK4
CB4-4-240504-IU	7TCA083910R3277	240	50 x 4	200P10	HCPK4
CB4-4-240505	7TCA083910R0837	240	50 x 5	200P10	HCPK4
CB4-4-240505-IU	7TCA083910R3276	240	50 x 5	200P10	HCPK4
CB4-4-240506	7TCA083910R0838	240	50 x 6	250P10	HCPK4
CB4-4-240506-IU	7TCA083910R3219	240	50 x 6	250P10	HCPK4
CB4-5-300506	7TCA083910R0940	300	50 x 6	2 x 150P10	HCPK5

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*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

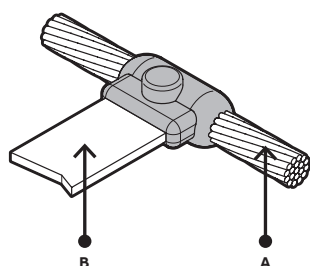
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Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

Cable to bar CB5

Cable to bar CB5 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Flat tape conductor size B (mm)	Powder cartridge part no.	Handle clamp part no.
CB5-4-16253	7TCA083910R0981	16 *	25 x 3	45P10	HCPK4
CB5-4-25253	7TCA083910R0991	25	25 x 3	65P10	HCPK4
CB5-4-35253	7TCA083910R0992	35	25 x 3	65P10	HCPK4
CB5-4-50253	7TCA083910R0995	50	25 x 3	65P10	HCPK4
CB5-4-8SC253	7TCA083910R2843	Ø 8	25 x 3	65P10	HCPK4
CB5-4-70253	7TCA083910R0997	70	25 x 3	90P10	HCPK4
CB5-4-70254	7TCA083910R0998	70	25 x 4	115P10	HCPK4
CB5-4-70256	7TCA083910R0999	70	25 x 6	115P10	HCPK4
CB5-4-10SC253	7TCA083910R0960	Ø 10	25 x 3	115P10	HCPK4
CB5-4-10SC254	7TCA083910R0961	Ø 10	25 x 4	150P10	HCPK4
CB5-4-10SC256	7TCA083910R2954	Ø 10	25 x 6	150P10	HCPK4
CB5-4-50256-IU	7TCA083910R3280	50	25 x 6	115P10	HCPK4
CB5-4-70253-IU	7TCA083910R3203	70	25 x 3	90P10	HCPK4
CB5-4-70403-IU	7TCA083910R3301	70	40 x 3	150P10	HCPK4
CB5-4-70404-IU	7TCA083910R3256	70	40 x 4	150P10	HCPK4
CB5-5-70504-IU	7TCA083910R3249	70	50 x 4	250P10	HCPK5
CB5-4-95254	7TCA083910R1007	95	25 x 4	150P10	HCPK4
CB5-4-95256	7TCA083910R1008	95	25 x 6	150P10	HCPK4
CB5-4-120256	7TCA083910R0965	120	25 x 6	150P10	HCPK4
CB5-4-120305	7TCA083910R0967	120	30 x 5	200P10	HCPK4
CB5-4-125403-IU	7TCA083910R3302	125	40 x 3	200P10	HCPK4
CB5-4-150256	7TCA083910R0976	150	25 x 6	200P10	HCPK4
CB5-4-150305	7TCA083910R0977	150	30 x 5	200P10	HCPK4
CB5-4-150405	7TCA083910R0979	150	40 x 5	250P10	HCPK4
CB5-4-185316	7TCA083910R2955	185	31 x 6	250P10	HCPK4
CB5-4-185405	7TCA083910R0988	185	40 x 5	240P10	HCPK4
CB5-5-185505	7TCA083910R1023	185	50 x 5	2 x 150P10	HCPK5
CB5-5-240505	7TCA083910R1027	240	50 x 6	2 x 200P10	HCPK5
CB5-5-240506	7TCA083910R1028	240	50 x 6	2 x 250P10	HCPK5
CB5-5-300506	7TCA083910R1031	300	50 x 6	2 x 250P10	HCPK5

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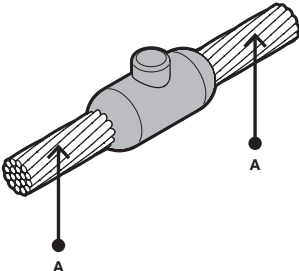
*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to cable CC1

Cable to cable CC1 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
CC1-4-16	7TCA083910R1100	16*	32P10	HCPK4
CC1-4-25	7TCA083910R1118	25	32P10	HCPK4
CC1-4-35	7TCA014980R0050	35	32P10	HCPK4
CC1-4-50	7TCA083910R1132	50	45P10	HCPK4
CC1-4-8SC	7TCA083910R1143	Ø 8	45P10	HCPK4
CC1-4-70	7TCA083910R1134	70	65P10	HCPK4
CC1-4-70-IU	7TCA083910R3192	70	65P10	HCPK4
CC1-4-10SC	7TCA083910R1087	Ø 10	65P10	HCPK4
CC1-4-95	7TCA014980R0052	95	90P10	HCPK4
CC1-4-95-IU	7TCA083910R3204	95	90P10	HCPK4
CC1-4-120	7TCA014980R0049	120	115P10	HCPK4
CC1-4-120-IU	7TCA083910R3209	120	115P10	HCPK4
CC1-4-150	7TCA083910R1096	150	115P10	HCPK4
CC1-4-185	7TCA083910R1104	185	150P10	HCPK4
CC1-4-185-IU	7TCA083910R3286	185	150P10	HCPK4
CC1-4-240	7TCA083910R1113	240	200P10	HCPK4
CC1-4-300	7TCA083910R1122	300	250P10	HCPK4
CC1-5-400	7TCA083910R1148	400	2 x 150P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

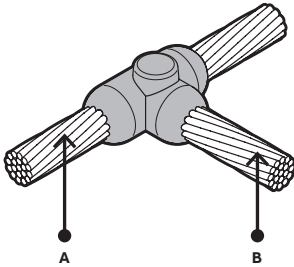
FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

Cable to cable CC2

Cable to cable CC2 - FurseWELD



	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CC2-4-1616	7TCA083910R1253	16*	16*	45P10	HCPK4
	CC2-4-2525	7TCA083910R1298	25	25	45P10	HCPK4
	CC2-4-3535	7TCA083910R1315	35	35	45P10	HCPK4
	CC2-4-3525	7TCA083910R1313	35	25	45P10	HCPK4
	CC2-4-88SC	7TCA083910R1348	Ø 8	Ø 8	65P10	HCPK4
	CC2-4-5050	7TCA083910R1326	50	50	90P10	HCPK4
	CC2-4-5035	7TCA083910R1325	50	35	65P10	HCPK4
	CC2-4-5025	7TCA083910R1324	50	25	65P10	HCPK4
	CC2-4-5050-IU	7TCA083910R3211	50	50	90P10	HCPK4
	CC2-4-1010SC	7TCA083910R1219	Ø 10	Ø 10	90P10	HCPK4
	CC2-4-7070	7TCA083910R1345	70	70	90P10	HCPK4
	CC2-4-7050	7TCA083910R1343	70	50	90P10	HCPK4
	CC2-4-7035	7TCA014980R0082	70	35	65P10	HCPK4
	CC2-4-7025	7TCA083910R1340	70	25	65P10	HCPK4
	CC2-4-7070-IU	7TCA083910R3193	70	70	90P10	HCPK4
	CC2-4-9595	7TCA014980R0083	95	95	115P10	HCPK4
	CC2-4-9595-IU	7TCA083910R3210	95	95	115P10	HCPK4
	CC2-4-9570	7TCA083910R1362	95	70	90P10	HCPK4
	CC2-4-9550	7TCA083910R1360	95	50	90P10	HCPK4
	CC2-4-9535	7TCA083910R1359	95	35	90P10	HCPK4
	CC2-4-120120	7TCA014980R0065	120	120	150P10	HCPK4
	CC2-4-120120-IU	7TCA083910R3205	120	120	90P10	HCPK4
	CC2-4-12095	7TCA014980R0067	120	95	150P10	HCPK4
	CC2-4-12070	7TCA083910R1232	120	70	90P10	HCPK4
	CC2-4-12050	7TCA014980R0066	120	50	90P10	HCPK4
	CC2-4-120150-IU	7TCA083910R3297	120	150	150P10	HCPK4
	CC2-4-150150	7TCA083910R1239	150	150	200P10	HCPK4
	CC2-4-150150-IU	7TCA083910R1239	150	150	200P10	HCPK4
	CC2-4-150120	7TCA083910R1238	150	120	150P10	HCPK4
	CC2-4-15095	7TCA083910R1250	150	95	150P10	HCPK4
	CC2-4-15070	7TCA083910R1249	150	70	90P10	HCPK4
	CC2-4-185185	7TCA083910R1267	185	185	200P10	HCPK4
	CC2-4-185150	7TCA083910R1265	185	150	200P10	HCPK4
	CC2-4-185120	7TCA083910R1264	185	120	200P10	HCPK4
	CC2-4-18595	7TCA083910R1276	185	95	150P10	HCPK4
	CC2-4-185185-IU	7TCA083910R3284	185	185	200P10	HCPK4
	CC2-4-240240	7TCA083910R1289	240	240	2 x 150P10	HCPK4
	CC2-4-240185	7TCA083910R1288	240	185	200P10	HCPK4
	CC2-4-240150	7TCA083910R1286	240	150	200P10	HCPK4
	CC2-4-240120	7TCA083910R1285	240	120	200P10	HCPK4
	CC2-4-240120-IU	7TCA083910R3254	240	120	200P10	HCPK4
	CC2-5-300300	7TCA083910R1370	300	300	2 x 200P10	HCPK5
	CC2-5-300240	7TCA083910R1369	300	240	2 x 200P10	HCPK5
	CC2-4-300185	7TCA083910R1304	300	185	250P10	HCPK4

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*3 x S103 Sleeve required when joining conductors 16 mm² or smaller

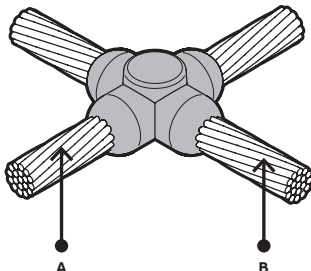
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FurseWELD

Cable to cable CC4

Cable to cable CC4 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CC4-4-1616	7TCA083910R1455	16 *	16 *	65P10	HCPK4
	CC4-4-2525	7TCA083910R1466	25	25	45P10	HCPK4
	CC4-4-3535	7TCA083910R1470	35	35	65P10	HCPK4
	CC4-4-3525	7TCA083910R2956	35	25	65P10	HCPK4
	CC4-4-88SC	7TCA083910R1479	Ø 8	Ø 8	90P10	HCPK4
	CC4-4-5050	7TCA083910R1473	50	50	90P10	HCPK4
	CC4-4-5035	7TCA083910R1472	50	35	90P10	HCPK4
	CC4-4-5025	7TCA083910R2957	50	25	90P10	HCPK4
	CC4-4-1010SC	7TCA083910R2958	Ø 10	Ø 10	115P10	HCPK4
	CC4-4-7070	7TCA083910R1477	70	70	115P10	HCPK4
	CC4-4-7070-IU	7TCA083910R3287	70	70	115P10	HCPK4
	CC4-4-7050	7TCA083910R1476	70	50	115P10	HCPK4
	CC4-4-7035	7TCA083910R1475	70	35	115P10	HCPK4
	CC4-4-7025	7TCA083910R1474	70	25	115P10	HCPK4
	CC4-4-9595	7TCA083910R1485	95	95	150P10	HCPK4
	CC4-4-9570	7TCA083910R1484	95	70	150P10	HCPK4
	CC4-4-9550	7TCA083910R1483	95	50	115P10	HCPK4
	CC4-4-9535	7TCA083910R1482	95	35	115P10	HCPK4
	CC4-4-120120	7TCA083910R1442	120	120	200P10	HCPK4
	CC4-4-12095	7TCA083910R1448	120	95	200P10	HCPK4
	CC4-4-12070	7TCA083910R1447	120	70	150P10	HCPK4
	CC4-4-12050	7TCA083910R1446	120	50	150P10	HCPK4
	CC4-4-150150	7TCA083910R1450	150	150	250P10	HCPK4
	CC4-4-150120	7TCA083910R1449	150	120	250P10	HCPK4
	CC4-4-15095	7TCA083910R1454	150	95	200P10	HCPK4
	CC4-4-15070	7TCA083910R1453	150	70	150P10	HCPK4
	CC4-4-185185	7TCA083910R1461	185	185	2 x 150P10	HCPK4
	CC4-4-185150	7TCA083910R1459	185	150	250P10	HCPK4
	CC4-4-185120	7TCA083910R1458	185	120	250P10	HCPK4
	CC4-4-18595	7TCA083910R1463	185	95	200P10	HCPK4
	CC4-4-18570	7TCA083910R1462	185	70	200P10	HCPK4
	CC4-5-240240	7TCA083910R1491	240	240	2 x 250P10	HCPK5
	CC4-5-240185	7TCA083910R1490	240	185	2 x 200P10	HCPK5
	CC4-5-240150	7TCA083910R1489	240	150	2 x 200P10	HCPK5
	CC4-5-240120	7TCA083910R1488	240	120	2 x 150P10	HCPK5
	CC4-5-300300	7TCA083910R1499	300	300	3 x 200P10	HCPK5

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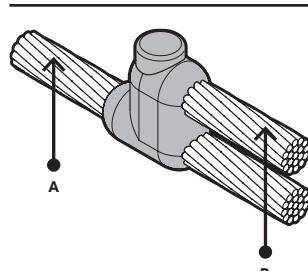
*4 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to cable CC6

Cable to cable CC6 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
CC6-4-1616	7TCA083910R1533	16 *	16 *	65P10	HCPK4
CC6-4-2525	7TCA083910R1537	25	25	45P10	HCPK4
CC6-4-3535	7TCA083910R1538	35	35	65P10	HCPK4
CC6-4-3525	7TCA083910R2959	35	25	65P10	HCPK4
CC6-4-5050	7TCA083910R1541	50	50	90P10	HCPK4
CC6-4-5035	7TCA083910R1540	50	35	65P10	HCPK4
CC6-4-5025	7TCA083910R1539	50	25	65P10	HCPK4
CC6-4-7070	7TCA083910R1545	70	70	115P10	HCPK4
CC6-4-7050	7TCA083910R1544	70	50	115P10	HCPK4
CC6-4-7035	7TCA083910R1543	70	35	90P10	HCPK4
CC6-4-7025	7TCA083910R1542	70	25	90P10	HCPK4
CC6-4-9595	7TCA083910R1553	95	95	150P10	HCPK4
CC6-4-9570	7TCA083910R1552	95	70	115P10	HCPK4
CC6-4-9550	7TCA083910R1551	95	50	115P10	HCPK4
CC6-4-9535	7TCA083910R1550	95	35	115P10	HCPK4
CC6-4-120120	7TCA083910R1525	120	120	200P10	HCPK4
CC6-4-12095	7TCA083910R1530	120	95	200P10	HCPK4
CC6-4-12070	7TCA083910R1529	120	70	150P10	HCPK4
CC6-4-12050	7TCA083910R1528	120	50	115P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

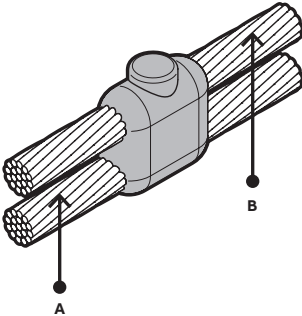
*3 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to cable CC7

Cable to cable CC7 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CC7-4-1616	7TCA083910R1566	16 *	16 *	65P10	HCPK4
	CC7-4-2525	7TCA083910R1575	25	25	45P10	HCPK4
	CC7-4-3535	7TCA083910R1577	35	35	65P10	HCPK4
	CC7-4-3525	7TCA083910R1576	35	25	65P10	HCPK4
	CC7-4-5050	7TCA083910R1581	50	50	90P10	HCPK4
	CC7-4-5035	7TCA083910R1580	50	35	90P10	HCPK4
	CC7-4-5025	7TCA083910R1579	50	25	65P10	HCPK4
	CC7-4-7070	7TCA083910R1585	70	70	115P10	HCPK4
	CC7-4-7050	7TCA083910R1584	70	50	115P10	HCPK4
	CC7-4-7035	7TCA083910R1583	70	35	90P10	HCPK4
	CC7-4-7025	7TCA083910R1582	70	25	90P10	HCPK4
	CC7-4-9595	7TCA083910R1589	95	95	150P10	HCPK4
	CC7-4-9570	7TCA083910R1588	95	70	115P10	HCPK4
	CC7-4-9550	7TCA083910R1587	95	50	115P10	HCPK4
	CC7-4-9535	7TCA083910R1586	95	35	115P10	HCPK4
	CC7-4-120120	7TCA014980R0101	120	120	200P10	HCPK4
	CC7-4-12095	7TCA083910R1561	120	95	200P10	HCPK4
	CC7-4-12070	7TCA083910R1560	120	70	150P10	HCPK4
	CC7-4-12050	7TCA083910R1559	120	50	150P10	HCPK4
	CC7-5-150150	7TCA083910R1590	150	150	2 x 150P10	HCPK5
	CC7-4-150120	7TCA083910R1563	150	120	250P10	HCPK4
	CC7-4-15095	7TCA083910R1565	150	95	200P10	HCPK4
	CC7-4-15070	7TCA083910R1564	150	70	150P10	HCPK4
	CC7-5-185185	7TCA083910R1591	185	185	2 x 150P10	HCPK5
	CC7-5-185150	7TCA083910R2962	185	150	2 x 150P10	HCPK5
	CC7-4-185120	7TCA083910R1568	185	120	250P10	HCPK4
	CC7-4-18595	7TCA083910R1572	185	95	200P10	HCPK4
	CC7-5-240240	7TCA083910R1593	240	240	2 x 200P10	HCPK5
	CC7-5-240185	7TCA083910R2963	240	185	2 x 200P10	HCPK5
	CC7-5-240150	7TCA083910R1592	240	150	2 x 150P10	HCPK5
	CC7-4-240120	7TCA083910R1573	240	120	250P10	HCPK4
	CC7-5-300300	7TCA083910R1596	300	300	2 x 250P10	HCPK5
	CC7-5-300240	7TCA083910R1595	300	240	2 x 250P10	HCPK5
	CC7-5-300185	7TCA083910R2964	300	185	2 x 200P10	HCPK5
	CC7-5-300150	7TCA083910R1594	300	150	2 x 150P10	HCPK5
	CC7-5-300300-IU	7TCA083910R3240	300	300	2 x 250P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

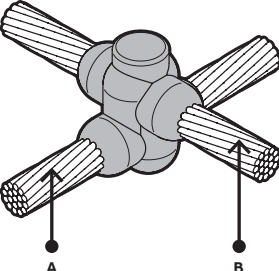
*4 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to cable CC11

Cable to cable CC11 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CC11-7-5050	7TCA083910R1156	50	50	150P10	HCPK7
	CC11-7-7070	7TCA083910R1157	70	70	200P10	HCPK7
	CC11-7-7070-IU	7TCA083910R3288	70	70	200P10	HCPK7
	CC11-7-9595	7TCA083910R1160	95	95	250P10	HCPK7
	CC11-7-120120	7TCA014980R0056	120	120	2 x 150P10	HCPK7
	CC11-8-150150	7TCA083910R1161	150	150	2 x 200P10	HCPK8
	CC11-8-185185	7TCA083910R1166	185	185	2 x 250P10	HCPK8
	CC11-8-240240	7TCA083910R1167	240	240	3 x 200P10	HCPK8
	CC11-8-300300	7TCA083910R1169	300	300	3 x 250P10	HCPK8

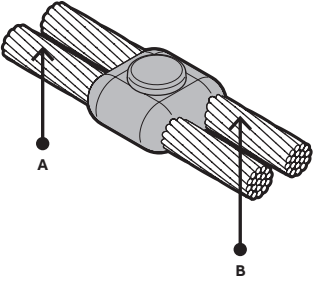
Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to cable CC14

Cable to cable CC14 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
CC14-4-1616	7TCA083910R2965	16 *	16 *	65P10	HCPK4
CC14-4-2525	7TCA083910R2768	25	25	45P10	HCPK4
CC14-4-3535	7TCA083910R1183	35	35	65P10	HCPK4
CC14-4-3525	7TCA083910R2966	35	25	65P10	HCPK4
CC14-4-5050	7TCA083910R1185	50	50	90P10	HCPK4
CC14-4-5035	7TCA083910R2967	50	35	90P10	HCPK4
CC14-4-5025	7TCA083910R2968	50	25	90P10	HCPK4
CC14-4-7070	7TCA083910R1188	70	70	115P10	HCPK4
CC14-4-7050	7TCA083910R1187	70	50	115P10	HCPK4
CC14-4-7035	7TCA083910R2374	70	35	90P10	HCPK4
CC14-4-7025	7TCA083910R1186	70	25	90P10	HCPK4
CC14-4-9595	7TCA083910R1195	95	95	150P10	HCPK4
CC14-4-9570	7TCA083910R1194	95	70	150P10	HCPK4
CC14-4-9550	7TCA083910R1193	95	50	150P10	HCPK4
CC14-4-9535	7TCA083910R1192	95	35	115P10	HCPK4
CC14-4-120120	7TCA083910R1178	120	120	200P10	HCPK4
CC14-4-12095	7TCA083910R1182	120	95	200P10	HCPK4
CC14-4-12070	7TCA083910R1181	120	70	200P10	HCPK4
CC14-4-12070-IU	7TCA083910R3309	120	70	200P10	HCPK4
CC14-4-12050	7TCA083910R1180	120	50	150P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

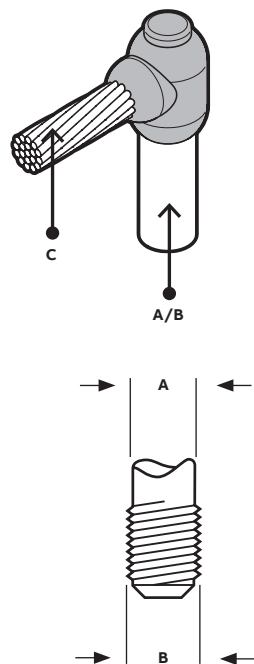
*4 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to earth rod CR1

Cable to earth rod CR1 - FurseWELD



Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Stranded/solid circular conductor size C (mm²)	Powder cartridge part no.	Handle clamp part no.
CR1-4-14216	7TCA083910R1619	14.2	5/8	16 *	65P10	HCPK4
CR1-4-14225	7TCA083910R1623	14.2	5/8	25	65P10	HCPK4
CR1-4-14235	7TCA083910R1625	14.2	5/8	35	65P10	HCPK4
CR1-4-14250	7TCA083910R1627	14.2	5/8	50	90P10	HCPK4
CR1-4-1428SC	7TCA083910R1629	14.2	5/8	Ø 8	90P10	HCPK4
CR1-4-14270	7TCA083910R1628	14.2	5/8	70	90P10	HCPK4
CR1-4-14270-IU	7TCA083910R3194	14.2	5/8	70	90P10	HCPK4
CR1-4-14295	7TCA083910R1630	14.2	5/8	95	90P10	HCPK4
CR1-4-142120	7TCA083910R1617	14.2	5/8	120	90P10	HCPK4
CR1-4-142120-IU	7TCA083910R3227	14.2	5/8	120	90P10	HCPK4
CR1-4-142150	7TCA083910R1618	14.2	5/8	150	115P10	HCPK4
CR1-4-142150-IU	7TCA083910R3226	14.2	5/8	150	115P10	HCPK4
CR1-4-142185	7TCA083910R1620	14.2	5/8	185	115P10	HCPK4
CR1-4-142240	7TCA083910R1622	14.2	5/8	240	150P10	HCPK4
CR1-4-17216	7TCA083910R1645	17.2	3/4	16 *	65P10	HCPK4
CR1-4-17225	7TCA083910R1648	17.2	3/4	25	65P10	HCPK4
CR1-4-17235	7TCA083910R1650	17.2	3/4	35	65P10	HCPK4
CR1-4-17250	7TCA083910R1651	17.2	3/4	50	90P10	HCPK4
CR1-4-1728SC	7TCA083910R2300	17.2	3/4	Ø 8	90P10	HCPK4
CR1-4-17270	7TCA083910R1652	17.2	3/4	70	90P10	HCPK4
CR1-4-17295	7TCA083910R1653	17.2	3/4	95	90P10	HCPK4
CR1-4-172120	7TCA083910R1642	17.2	3/4	120	90P10	HCPK4
CR1-4-172150	7TCA083910R1644	17.2	3/4	150	115P10	HCPK4
CR1-4-172150-IU	7TCA083910R3263	17.2	3/4	150	115P10	HCPK4
CR1-4-172185	7TCA083910R1646	17.2	3/4	185	115P10	HCPK4
CR1-4-172185-IU	7TCA083910R3283	17.2	3/4	185	115P10	HCPK4
CR1-4-172240	7TCA083910R1647	17.2	3/4	240	150P10	HCPK4
CR1-4-172300	7TCA083910R1649	17.2	3/4	300	200P10	HCPK4

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

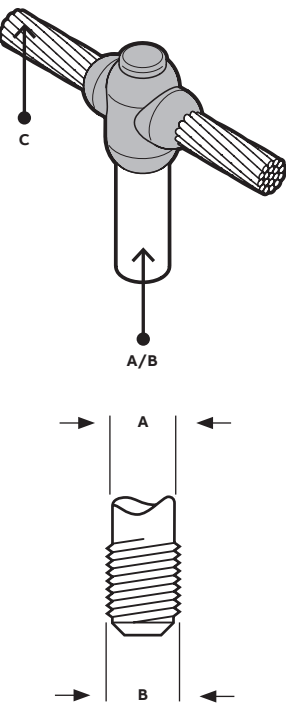
FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

Cable to earth rod CR2

Cable to earth rod CR2 - FurseWELD



Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Stranded/solid circular conductor size C (mm²)	Powder cartridge part no.	Handle clamp part no.
CR2-4-14216	7TCA083910R1712	14.2	5/8	16 *	90P10	HCPK4
CR2-4-14225	7TCA083910R1717	14.2	5/8	25	90P10	HCPK4
CR2-4-14235	7TCA083910R1718	14.2	5/8	35	90P10	HCPK4
CR2-4-14250	7TCA083910R1720	14.2	5/8	50	90P10	HCPK4
CR2-4-14250-IU	7TCA083910R3212	14.2	5/8	50	90P10	HCPK4
CR2-4-1428SC	7TCA083910R1722	14.2	5/8	Ø 8	90P10	HCPK4
CR2-4-1428SC-IU	7TCA083910R3213	14.2	5/8	Ø 8	90P10	HCPK4
CR2-4-14270	7TCA083910R1721	14.2	5/8	70	115P10	HCPK4
CR2-4-14270-IU	7TCA083910R3195	14.2	5/8	70	115P10	HCPK4
CR2-4-14295	7TCA083910R1723	14.2	5/8	95	115P10	HCPK4
CR2-4-142120	7TCA083910R1708	14.2	5/8	120	150P10	HCPK4
CR2-4-142120-IU	7TCA083910R3225	14.2	5/8	120	150P10	HCPK4
CR2-4-142150	7TCA083910R1711	14.2	5/8	150	200P10	HCPK4
CR2-4-142185	7TCA083910R1714	14.2	5/8	185	200P10	HCPK4
CR2-4-142240	7TCA083910R1716	14.2	5/8	240	250P10	HCPK4
CR2-4-17216	7TCA083910R1737	17.2	3/4	16 *	90P10	HCPK4
CR2-4-17225	7TCA083910R1740	17.2	3/4	25	90P10	HCPK4
CR2-4-17235	7TCA083910R1742	17.2	3/4	35	90P10	HCPK4
CR2-4-17250	7TCA083910R1743	17.2	3/4	50	115P10	HCPK4
CR2-4-1728SC	7TCA083910R2315	17.2	3/4	Ø 8	115P10	HCPK4
CR2-4-17270	7TCA083910R1744	17.2	3/4	70	115P10	HCPK4
CR2-4-17295	7TCA083910R1745	17.2	3/4	95	115P10	HCPK4
CR2-4-172120	7TCA083910R1734	17.2	3/4	120	150P10	HCPK4
CR2-4-172150	7TCA083910R1736	17.2	3/4	150	200P10	HCPK4
CR2-4-172185	7TCA083910R1738	17.2	3/4	185	200P10	HCPK4
CR2-4-172240	7TCA083910R1739	17.2	3/4	240	250P10	HCPK4
CR2-5-172300	7TCA083910R1761	17.2	3/4	300	2 x 150P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

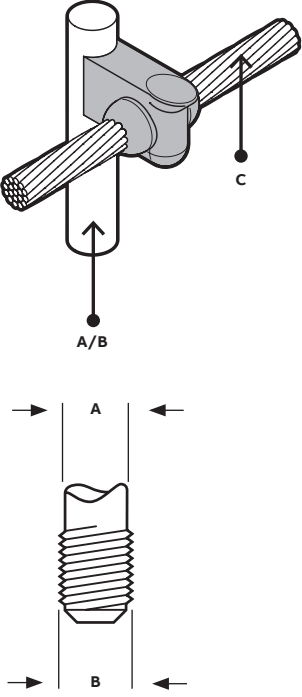
FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Moulds with IU suffix part numbers are for use with Remote Ignition System only

FurseWELD

Cable to earth rod CR3

Cable to earth rod CR3 - FurseWELD



Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Stranded/solid circular conductor size C (mm²)	Powder cartridge part no.	Handle clamp part no.
CR3-9-14216	7TCA083910R2971	14.2	5/8	16 *	90P10	HCPK4
CR3-9-14225	7TCA083910R1788	14.2	5/8	25	90P10	HCPK4
CR3-9-14235	7TCA083910R2972	14.2	5/8	35	90P10	HCPK4
CR3-9-14250	7TCA083910R1789	14.2	5/8	50	115P10	HCPK4
CR3-9-1428SC	7TCA083910R2973	14.2	5/8	Ø 8	115P10	HCPK4
CR3-9-14270	7TCA083910R1790	14.2	5/8	70	115P10	HCPK4
CR3-9-14295	7TCA083910R1791	14.2	5/8	95	115P10	HCPK4
CR3-9-142120	7TCA083910R1785	14.2	5/8	120	150P10	HCPK4
CR3-9-142150	7TCA083910R1786	14.2	5/8	150	150P10	HCPK4
CR3-9-142185	7TCA083910R1787	14.2	5/8	185	200P10	HCPK4
CR3-10-142240	7TCA083910R1774	14.2	5/8	240	2 x 200P10	HCPK5
CR3-9-17216	7TCA083910R1799	17.2	3/4	16 *	90P10	HCPK4
CR3-9-17225	7TCA083910R2974	17.2	3/4	25	90P10	HCPK4
CR3-9-17235	7TCA083910R1800	17.2	3/4	35	90P10	HCPK4
CR3-9-17250	7TCA083910R1801	17.2	3/4	50	115P10	HCPK4
CR3-9-1728SC	7TCA083910R2975	17.2	3/4	Ø 8	115P10	HCPK4
CR3-9-17270	7TCA083910R1803	17.2	3/4	70	150P10	HCPK4
CR3-9-17295	7TCA014980R0143	17.2	3/4	95	150P10	HCPK4
CR3-9-172120	7TCA083910R1797	17.2	3/4	120	200P10	HCPK4
CR3-9-172150	7TCA083910R1798	17.2	3/4	150	250P10	HCPK4
CR3-10-172185	7TCA083910R1776	17.2	3/4	185	2 x 200P10	HCPK5
CR3-10-172240	7TCA083910R1777	17.2	3/4	240	2 x 250P10	HCPK5
CR3-10-172300	7TCA083910R1778	17.2	3/4	300	3 x 200P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Frames

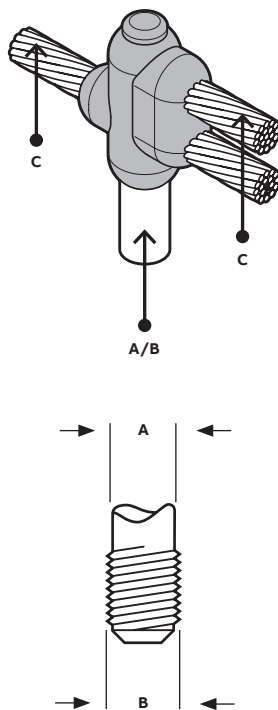
Part no.	Part no.	Description
F1-FU	7TCA083930R0008	Frame for use with Handle Clamp HCPK4
F2-FU	7TCA083930R0010	Frame for use with Handle Clamp HCPK5

The CR3 joint type utilizes a 3 part mould. For this reason, a Frame is required in addition to the standard Handle Clamp

FurseWELD

Cable to earth rod CR17

Cable to earth rod CR17 - FurseWELD

	Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Stranded/solid circular conductor size C (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CR17-4-14216	7TCA083910R2976	14.2	5/8	16 *	90P10	HCPK4
	CR17-4-14225	7TCA083910R2977	14.2	5/8	25	90P10	HCPK4
	CR17-4-14235	7TCA083910R2978	14.2	5/8	35	90P10	HCPK4
	CR17-4-14250	7TCA083910R2979	14.2	5/8	50	115P10	HCPK4
	CR17-4-14270	7TCA083910R1681	14.2	5/8	70	200P10	HCPK4
	CR17-4-14295	7TCA083910R2833	14.2	5/8	95	250P10	HCPK4
	CR17-4-142120	7TCA083910R1680	14.2	5/8	120	250P10	HCPK4
	CR17-4-142150	7TCA083910R2981	14.2	5/8	150	250P10	HCPK4
	CR17-4-142185	7TCA083910R2982	14.2	5/8	185	2 x 150P10	HCPK4
	CR17-5-142240	7TCA083910R2402	14.2	5/8	240	2 x 200P10	HCPK5
	CR17-4-17216	7TCA083910R2628	17.2	3/4	16 *	115P10	HCPK4
	CR17-4-17225	7TCA083910R2983	17.2	3/4	25	115P10	HCPK4
	CR17-4-17235	7TCA083910R2984	17.2	3/4	35	115P10	HCPK4
	CR17-4-17250	7TCA083910R2417	17.2	3/4	50	150P10	HCPK4
	CR17-4-17270	7TCA083910R2343	17.2	3/4	70	200P10	HCPK4
	CR17-4-17295	7TCA083910R2535	17.2	3/4	95	250P10	HCPK4
	CR17-4-172120	7TCA083910R1682	17.2	3/4	120	250P10	HCPK4
	CR17-4-172150	7TCA083910R2986	17.2	3/4	150	2 x 150P10	HCPK4
	CR17-4-172185	7TCA083910R2987	17.2	3/4	185	2 x 150P10	HCPK4
	CR17-5-172240	7TCA083910R2644	17.2	3/4	240	2 x 200P10	HCPK5
	CR17-5-172300	7TCA083910R2425	17.2	3/4	300	2 x 250P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

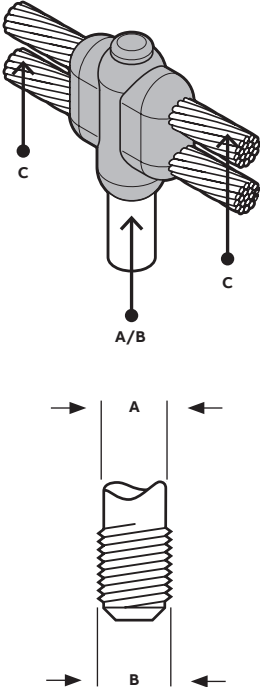
*3 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to earth rod CR24

Cable to earth rod CR24 - FurseWELD

	Mould part no.	Order code	Earth rod A ø (mm)	Earth rod B ø (")	Stranded/solid circular conductor size C (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CR24-4-14216	7TCA083910R2988	14.2	5/8	16 *	115P10	HCPK4
	CR24-4-14225	7TCA083910R2989	14.2	5/8	25	115P10	HCPK4
	CR24-4-14235	7TCA083910R2990	14.2	5/8	35	115P10	HCPK4
	CR24-4-14250	7TCA083910R1766	14.2	5/8	50	200P10	HCPK4
	CR24-4-14270	7TCA083910R1767	14.2	5/8	70	250P10	HCPK4
	CR24-4-14295	7TCA083910R1768	14.2	5/8	95	250P10	HCPK4
	CR24-4-142120	7TCA083910R2992	14.2	5/8	120	2 x 150P10	HCPK4
	CR24-4-142150	7TCA083910R2864	14.2	5/8	150	2 x 150P10	HCPK4
	CR24-5-142185	7TCA083910R2993	14.2	5/8	185	2 x 200P10	HCPK5
	CR24-5-142240	7TCA083910R2994	14.2	5/8	240	2 x 200P10	HCPK5
	CR24-4-17216	7TCA083910R3028	17.2	3/4	16 *	115P10	HCPK4
	CR24-4-17225	7TCA083910R3029	17.2	3/4	25	115P10	HCPK4
	CR24-4-17235	7TCA083910R2769	17.2	3/4	35	115P10	HCPK4
	CR24-4-17250	7TCA083910R2692	17.2	3/4	50	250P10	HCPK4
	CR24-4-17270	7TCA083910R2459	17.2	3/4	70	2 x 150P10	HCPK4
	CR24-4-17295	7TCA083910R3022	17.2	3/4	95	2 x 150P10	HCPK4
	CR24-4-172120	7TCA083910R1769	17.2	3/4	120	2 x 150P10	HCPK4
	CR24-5-172150	7TCA083910R2469	17.2	3/4	150	2 x 200P10	HCPK5
	CR24-5-172185	7TCA083910R2882	17.2	3/4	185	2 x 200P10	HCPK5
	CR24-5-172240	7TCA083910R2798	17.2	3/4	240	2 x 250P10	HCPK5
	CR24-5-172300	7TCA083910R1770	17.2	3/4	300	2 x 250P10	HCPK5

Suitable for connections to copperbond rods - for connections to solid copper and stainless steel rods please contact our sales office

Threaded portion of copperbond rods must be removed prior to welding

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

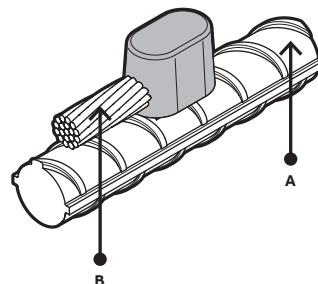
*4 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to reinforcing bar CRE1

Cable to reinforcing bar CRE1 - FurseWELD

	Mould part no.	Order code	Reinforcing bar size A ϕ (mm)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.	Packing part no.
	CRE1-3-16	7TCA083910R1830	10-40	16 *	45P10	HCPK3-B	PACK-A
	CRE1-3-25	7TCA083910R1831	10-40	25	45P10	HCPK3-B	PACK-A
	CRE1-3-35	7TCA083910R1832	10-40	35	45P10	HCPK3-B	PACK-A
	CRE1-3-8SC	7TCA083910R1835	10-40	$\emptyset$ 8	90P10	HCPK3-B	PACK-A
	CRE1-3-50	7TCA083910R1833	10-40	50	90P10	HCPK3-B	PACK-A
	CRE1-3-70	7TCA083910R1834	10-40	70	90P10	HCPK3-B	PACK-A
	CRE1-3-95	7TCA083910R1836	10-40	95	90P10	HCPK3-B	PACK-A
	CRE1-3-120	7TCA014980R0153	10-40	120	90P10	HCPK3-B	PACK-A

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

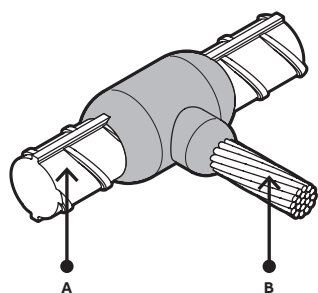
*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to reinforcing bar CRE2

Cable to reinforcing bar CRE2 - FurseWELD



Mould part no.	Order code	Reinforcing bar size A ϕ (mm)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
CRE2-4-16R16	7TCA083910R1887	16	16 *	90P10	HCPK4
CRE2-4-16R25	7TCA083910R1891	16	25	90P10	HCPK4
CRE2-4-16R35	7TCA083910R1893	16	35	90P10	HCPK4
CRE2-4-16R8SC	7TCA083910R1896	16	ϕ 8	115P10	HCPK4
CRE2-4-16R50	7TCA083910R1894	16	50	115P10	HCPK4
CRE2-4-16R10SC	7TCA083910R1884	16	ϕ 10	115P10	HCPK4
CRE2-4-16R70	7TCA083910R1895	16	70	115P10	HCPK4
CRE2-4-16R95	7TCA083910R1897	16	95	150P10	HCPK4
CRE2-4-16R120	7TCA083910R1885	16	120	150P10	HCPK4
CRE2-4-16R150	7TCA083910R1886	16	150	200P10	HCPK4
CRE2-4-16R185	7TCA083910R1888	16	185	200P10	HCPK4
CRE2-4-16R240	7TCA083910R1890	16	240	250P10	HCPK4
CRE2-4-16R300	7TCA083910R1892	16	300	2 x 150P10	HCPK4
CRE2-4-18R16	7TCA083910R2995	18	16 *	115P10	HCPK4
CRE2-4-18R25	7TCA083910R2996	18	25	115P10	HCPK4
CRE2-4-18R35	7TCA083910R2884	18	35	115P10	HCPK4
CRE2-4-18R8SC	7TCA083910R2997	18	ϕ 8	150P10	HCPK4
CRE2-4-18R50	7TCA083910R2903	18	50	150P10	HCPK4
CRE2-4-18R70	7TCA083910R1906	18	70	150P10	HCPK4
CRE2-4-18R95	7TCA083910R1907	18	95	150P10	HCPK4
CRE2-4-18R120	7TCA083910R1902	18	120	200P10	HCPK4
CRE2-4-18R150	7TCA083910R1903	18	150	200P10	HCPK4
CRE2-4-18R185	7TCA083910R2240	18	185	200P10	HCPK4
CRE2-4-18R240	7TCA083910R1904	18	240	250P10	HCPK4
CRE2-4-18R300	7TCA083910R1905	18	300	2 x 150P10	HCPK4
CRE2-4-20R16	7TCA083910R2474	20	16 *	115P10	HCPK4
CRE2-4-20R25	7TCA083910R2253	20	25	115P10	HCPK4
CRE2-4-20R35	7TCA083910R1912	20	35	115P10	HCPK4
CRE2-4-20R8SC	7TCA083910R2998	20	ϕ 8	150P10	HCPK4
CRE2-4-20R50	7TCA083910R1913	20	50	150P10	HCPK4
CRE2-4-20R70	7TCA083910R1914	20	70	200P10	HCPK4
CRE2-4-20R95	7TCA083910R1915	20	95	200P10	HCPK4
CRE2-4-20R120	7TCA083910R1908	20	120	200P10	HCPK4
CRE2-4-20R150	7TCA083910R1909	20	150	200P10	HCPK4
CRE2-4-20R185	7TCA083910R1910	20	185	250P10	HCPK4
CRE2-4-20R240	7TCA083910R1911	20	240	2 x 150P10	HCPK4
CRE2-5-20R300	7TCA083910R1930	20	300	2 x 200P10	HCPK5
CRE2-4-22R120-IU	7TCA083910R3298	22	120	200P10	HCPK4
CRE2-4-25R16	7TCA083910R2474	25	16 *	200P10	HCPK4
CRE2-4-25R25	7TCA083910R2308	25	25	200P10	HCPK4
CRE2-4-25R35	7TCA083910R1920	25	35	200P10	HCPK4
CRE2-4-25R8SC	7TCA083910R3000	25	ϕ 8	200P10	HCPK4

DUXSEAL

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

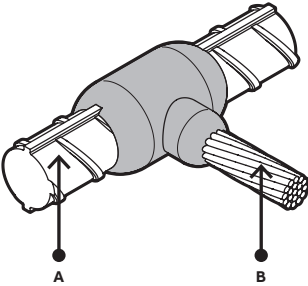
*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to reinforcing bar CRE2 & CRE3

Cable to reinforcing bar CRE2 (continued) - FurseWELD

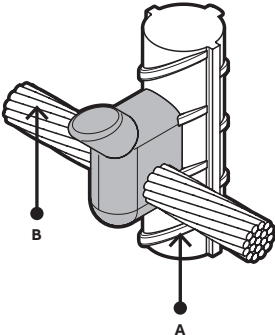
	Mould part no.	Order code	Reinforcing bar size A ϕ (mm)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CRE2-4-25R50	7TCA083910R1921	25	50	200P10	HCPK4
	CRE2-4-25R70	7TCA083910R1922	25	70	250P10	HCPK4
	CRE2-4-25R95	7TCA083910R1923	25	95	250P10	HCPK4
	CRE2-4-25R120	7TCA083910R1918	25	120	250P10	HCPK4
	CRE2-4-25R150	7TCA083910R1919	25	150	2 x 150P10	HCPK4
	CRE2-5-25R185	7TCA083910R1931	25	185	2 x 150P10	HCPK5
	CRE2-5-25R240	7TCA083910R1932	25	240	2 x 200P10	HCPK5
	CRE2-5-25R300	7TCA083910R1933	25	300	2 x 200P10	HCPK5
	CRE2-4-30R16	7TCA083910R3001	30	16 *	250P10	HCPK4
	CRE2-4-30R25	7TCA083910R3002	30	25	250P10	HCPK4
	CRE2-4-30R35	7TCA083910R1924	30	35	250P10	HCPK4
	CRE2-4-30R8SC	7TCA083910R3003	30	Ø 8	2 x 150P10	HCPK4
	CRE2-4-30R50	7TCA083910R1925	30	50	2 x 150P10	HCPK4
	CRE2-4-30R70	7TCA083910R1926	30	70	2 x 150P10	HCPK4
	CRE2-5-30R95	7TCA083910R1940	30	95	2 x 150P10	HCPK5
	CRE2-5-30R120	7TCA083910R1934	30	120	2 x 200P10	HCPK5
	CRE2-5-30R150	7TCA083910R1935	30	150	2 x 200P10	HCPK5
	CRE2-5-30R185	7TCA083910R1936	30	185	2 x 250P10	HCPK5
	CRE2-5-30R240	7TCA083910R1937	30	240	3 x 200P10	HCPK5
	CRE2-5-30R300	7TCA083910R1938	30	300	3 x 200P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Cable to reinforcing bar CRE3 - FurseWELD

	Mould part no.	Order code	Reinforcing bar size A ϕ (mm)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.	Packing part no.
	CRE3-3-16	7TCA083910R1955	10-40	16 *	45P10	HCPK3-A	PACK-A
	CRE3-3-25	7TCA083910R1955	10-40	25	45P10	HCPK3-A	PACK-A
	CRE3-3-35	7TCA083910R1956	10-40	35	45P10	HCPK3-A	PACK-A
	CRE3-3-8SC	7TCA083910R1959	10-40	Ø 8	90P10	HCPK3-A	PACK-A
	CRE3-3-50	7TCA083910R1957	10-40	50	90P10	HCPK3-A	PACK-A
	CRE3-3-70	7TCA083910R1958	10-40	70	90P10	HCPK3-A	PACK-A
	CRE3-3-95	7TCA083910R1960	10-40	95	90P10	HCPK3-A	PACK-A
	CRE3-3-120	7TCA083910R1953	10-40	120	90P10	HCPK3-A	PACK-A

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

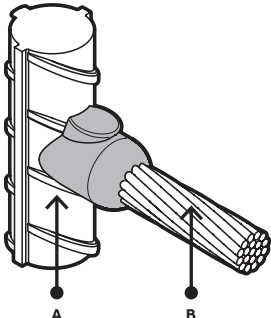
*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to reinforcing bar CRE6 & CRE17

Cable to reinforcing bar CRE6 - FurseWELD

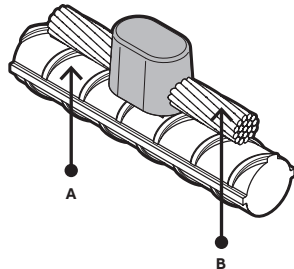
	Mould part no.	Order code	Reinforcing bar size A ϕ (mm)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.	Packing part no.
	CRE6-3-16	7TCA083910R1973	10-40	16 *	45P10	HCPK3-A	PACK-A
	CRE6-3-25	7TCA083910R1974	10-40	25	45P10	HCPK3-A	PACK-A
	CRE6-3-35	7TCA083910R1975	10-40	35	45P10	HCPK3-A	PACK-A
	CRE6-3-8SC	7TCA083910R1978	10-40	Ø 8	65P10	HCPK3-A	PACK-A
	CRE6-3-50	7TCA083910R1976	10-40	50	65P10	HCPK3-A	PACK-A
	CRE6-3-70	7TCA083910R1977	10-40	70	90P10	HCPK3-A	PACK-A
	CRE6-4-95	7TCA083910R1979	10-40	95	90P10	HCPK3-A	PACK-A
	CRE6-4-120	7TCA083910R1980	10-40	120	115P10	HCPK3-A	PACK-A

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Cable to reinforcing bar CRE17 - FurseWELD

	Mould part no.	Order code	Reinforcing bar size A ϕ (mm)	Stranded/solid circular conductor size B (mm ²)	Powder cartridge part no.	Handle clamp part no.	Packing part no.
	CRE17-3-16	7TCA083910R1848	10-40	16 *	45P10	HCPK3-B	PACK-A
	CRE17-3-25	7TCA083910R1850	10-40	25	45P10	HCPK3-B	PACK-A
	CRE17-3-35	7TCA083910R1852	10-40	35	45P10	HCPK3-B	PACK-A
	CRE17-3-8SC	7TCA083910R3004	10-40	Ø 8	90P10	HCPK3-B	PACK-A
	CRE17-3-50	7TCA083910R1853	10-40	50	90P10	HCPK3-B	PACK-A
	CRE17-3-70	7TCA083910R1854	10-40	70	90P10	HCPK3-B	PACK-A
	CRE17-3-95	7TCA083910R1855	10-40	95	90P10	HCPK3-B	PACK-A
	CRE17-3-120	7TCA083910R1846	10-40	120	90P10	HCPK3-B	PACK-A

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

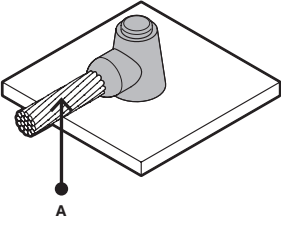
*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to steel surface & pipe CS1 & CS2

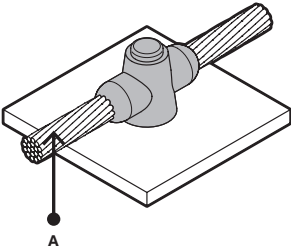
Cable to steel surface & pipe CS1 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
			16		Use CS8
			25		Use CS8
			35		Use CS8
	CS1-4-50-IU	7TCA083910R2004	50	90P10	HCPK4
	CS1-4-70	7TCA083910R2005	70	90P10	HCPK4
	CS1-4-95	7TCA083910R2006	95	115P10	HCPK4
	CS1-4-120	7TCA014980R0164	120	115P10	HCPK4
	CS1-4-150	7TCA083910R2000	150	150P10	HCPK4
	CS1-4-185	7TCA083910R2001	185	200P10	HCPK4
	CS1-4-240	7TCA083910R2002	240	200P10	HCPK4
	CS1-4-300	7TCA083910R2003	300	250P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Cable to steel surface & pipe CS2 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
			16		Use CS9
			25		Use CS9
			35		Use CS9
	CS2-4-50	7TCA083910R2011	50	90P10	HCPK4
	CS2-4-70	7TCA083910R2012	70	115P10	HCPK4
	CS2-4-95	7TCA083910R2013	95	115P10	HCPK4
	CS2-4-120	7TCA083910R2009	120	150P10	HCPK4
	CS2-4-150	7TCA083910R2010	150	200P10	HCPK4
	CS2-4-185	7TCA083910R3006	185	250P10	HCPK4
	CS2-5-240	7TCA083910R2561	240	2 x 150P10	HCPK5
	CS2-5-300	7TCA083910R3030	300	2 x 200P10	HCPK5

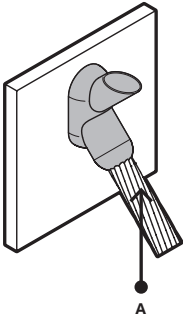
Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to steel surface & pipe CS3 & CS7

Cable to steel surface & pipe CS3 - FurseWELD



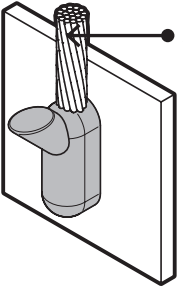
Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
CS3-4-16	7TCA083910R2056	16 *	45P10	HCPK4
CS3-4-25	7TCA083910R2062	25	45P10	HCPK4
CS3-4-35	7TCA083910R2064	35	45P10	HCPK4
CS3-4-50	7TCA083910R2066	50	65P10	HCPK4
CS3-4-70	7TCA083910R2067	70	90P10	HCPK4
CS3-4-95	7TCA083910R2070	95	115P10	HCPK4
CS3-4-120	7TCA083910R2072	120	115P10	HCPK4
CS3-4-150	7TCA083910R2055	150	115P10	HCPK4
CS3-4-185	7TCA083910R2060	185	200P10	HCPK4
CS3-4-240	7TCA083910R2061	240	200P10	HCPK4
CS3-4-300	7TCA083910R2063	300	250P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Cable to steel surface & pipe CS7 - FurseWELD



Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
CS7-4-16	7TCA083910R2108	16 *	65P10	HCPK4
CS7-4-25	7TCA083910R2109	25	65P10	HCPK4
CS7-4-35	7TCA083910R2110	35	65P10	HCPK4
CS7-4-50	7TCA083910R2111	50	90P10	HCPK4
CS7-4-70	7TCA083910R2113	70	150P10	HCPK4
CS7-5-95	7TCA083910R2118	95	200P10	HCPK4
CS7-5-120	7TCA083910R2115	120	200P10	HCPK4
CS7-5-150	7TCA083910R2116	150	250P10	HCPK4
CS7-9-185	7TCA083910R2119	185	2 x 150P10	HCPK4
CS7-9-240	7TCA083910R2120	240	2 x 150P10	HCPK4
CS7-10-300	7TCA083910R3009	300	2 x 200P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

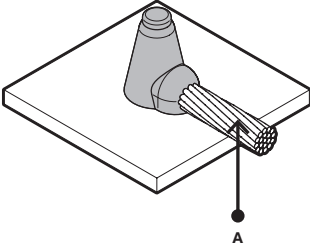
*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to steel surface & pipe CS8 & CS9

Cable to steel surface & pipe CS8 - FurseWELD

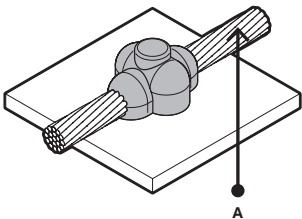
	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CS8-2-16	7TCA083910R2123	16 *	45P10	HCPK2
	CS8-2-25	7TCA083910R2124	25	45P10	HCPK2
	CS8-2-35	7TCA083910R2125	35	45P10	HCPK2
	CS8-2-50	7TCA083910R2127	50	45P10	HCPK2
	CS8-2-70	7TCA083910R2128	70	65P10	HCPK2
	CS8-2-95	7TCA083910R2129	95	90P10	HCPK2
	CS8-4-120	7TCA083910R2130	120	115P10	HCPK4
	CS8-4-150	7TCA083910R2131	150	150P10	HCPK4
	CS8-4-185	7TCA083910R2132	185	200P10	HCPK4
	CS8-4-240	7TCA083910R2133	240	200P10	HCPK4
	CS8-4-300	7TCA083910R2134	300	250P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Cable to steel surface & pipe CS9 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CS9-2-16	7TCA083910R2498	16 *	45P10	HCPK2
	CS9-2-25	7TCA083910R3011	25	45P10	HCPK2
	CS9-2-35	7TCA083910R2137	35	45P10	HCPK2
	CS9-4-50	7TCA083910R2140	50	90P10	HCPK4
	CS9-4-70	7TCA083910R2141	70	115P10	HCPK4
	CS9-4-95	7TCA083910R2142	95	115P10	HCPK4
	CS9-4-120	7TCA083910R2138	120	150P10	HCPK4
	CS9-4-150	7TCA083910R3050	150	200P10	HCPK4
	CS9-4-185	7TCA083910R2139	185	250P10	HCPK4
	CS9-5-240	7TCA083910R2281	240	2 x 150P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

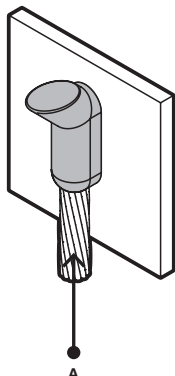
*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to steel surface & pipe CS25 & CS27

Cable to steel surface & pipe CS25 - FurseWELD

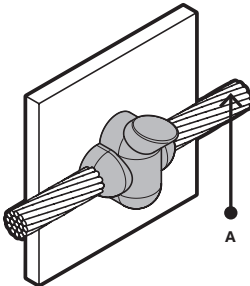
	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CS25-4-16	7TCA083910R2021	16 *	45P10	HCPK4
	CS25-4-25	7TCA083910R2024	25	45P10	HCPK4
	CS25-4-35	7TCA083910R2026	35	45P10	HCPK4
	CS25-4-50	7TCA083910R2027	50	65P10	HCPK4
	CS25-4-70	7TCA083910R2028	70	90P10	HCPK4
	CS25-4-95	7TCA083910R2032	95	115P10	HCPK4
	CS25-4-120	7TCA083910R2019	120	115P10	HCPK4
	CS25-4-150	7TCA083910R2020	150	150P10	HCPK4
	CS25-4-185	7TCA083910R2022	185	200P10	HCPK4
	CS25-4-240	7TCA083910R2023	240	200P10	HCPK4
	CS25-4-300	7TCA083910R2025	300	250P10	HCPK4

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

*1 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

Cable to steel surface & pipe CS27 - FurseWELD

	Mould part no.	Order code	Stranded/solid circular conductor size A (mm ²)	Powder cartridge part no.	Handle clamp part no.
	CS27-4-16	7TCA083910R2041	16 *	45P10	HCPK4
	CS27-4-25	7TCA083910R2419	25	45P10	HCPK4
	CS27-4-35	7TCA083910R2042	35	45P10	HCPK4
	CS27-4-50	7TCA083910R2043	50	65P10	HCPK4
	CS27-4-70	7TCA083910R2044	70	115P10	HCPK4
	CS27-4-95	7TCA083910R2045	95	150P10	HCPK4
	CS27-4-120	7TCA083910R2272	120	150P10	HCPK4
	CS27-5-150	7TCA083910R3015	150	200P10	HCPK5
	CS27-5-185	7TCA083910R3016	185	250P10	HCPK5
	CS27-5-240	7TCA083910R2046	240	2 x 150P10	HCPK5
	CS27-5-300	7TCA083910R3017	300	2 x 200P10	HCPK5

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

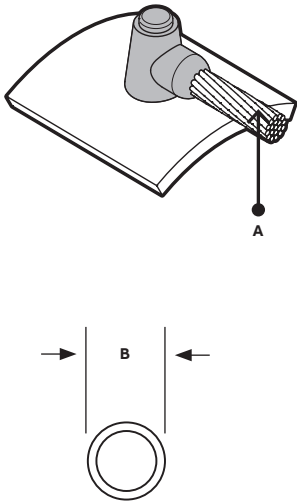
*2 x S103 Sleeve required when joining conductors 16 mm² or smaller

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

Cable to steel surface & pipe CS32

Cable to steel surface & pipe CS32 - FurseWELD

	Mould part no.	Order code	Stranded conductor size A (mm ²)	Pipe size B ø (mm)	Powder cartridge part no.	Handle clamp part no.	Sleeve part no.
	CS32-1-6-A	7TCA083910R2080	6	< 125	15P10	HCPK1	1 x S105
	CS32-1-6-B	7TCA083910R2389	6	> 125	15P10	HCPK1	1 x S105
	CS32-1-10-A	7TCA083910R2071	10	< 125	25P10	HCPK1	1 x S102-FU
	CS32-1-10-B	7TCA083910R2072	10	> 125	25P10	HCPK1	1 x S102-FU
	CS32-2-16-A	7TCA083910R2082	16	< 125	45P10	HCPK2	1 x S103
	CS32-2-16-B	7TCA083910R2083	16	> 125	45P10	HCPK2	1 x S103
	CS32-1-25-C	7TCA083910R2074	25	< 70	25P10	HCPK1	–
	CS32-1-25-D	7TCA083910R2075	25	70-165	25P10	HCPK1	–
	CS32-1-25-E	7TCA083910R2076	25	> 165	25P10	HCPK1	–
	CS32-2-35-C	7TCA083910R2084	35	< 70	45P10	HCPK2	–
	CS32-2-35-D	7TCA083910R2085	35	70-165	45P10	HCPK2	–
	CS32-2-35-F	7TCA083910R3020	35	165-250	45P10	HCPK2	–
	CS32-2-35-G	7TCA083910R2086	35	> 250	45P10	HCPK2	–
	CS32-2-50-C	7TCA083910R2293	50	< 70	45P10	HCPK2	–
	CS32-2-50-D	7TCA083910R2088	50	70-165	45P10	HCPK2	–
	CS32-2-50-F	7TCA083910R2089	50	165-250	45P10	HCPK2	–
	CS32-2-50-G	7TCA083910R2090	50	> 250	45P10	HCPK2	–
	CS32-2-70-C	7TCA083910R2091	70	< 70	65P10	HCPK2	–
	CS32-2-70-D	7TCA083910R2092	70	70-165	65P10	HCPK2	–
	CS32-2-70-F	7TCA083910R2093	70	165-250	65P10	HCPK2	–
	CS32-2-70-G	7TCA083910R2639	70	> 250	65P10	HCPK2	–

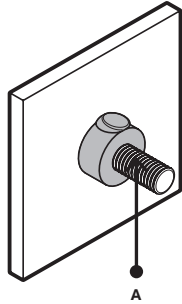
Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

FurseWELD moulds for use with stranded conductor are designed for use with non-compacted conductor to BS EN 60228. If a mould for compacted conductor is required, please contact your local representative

FurseWELD

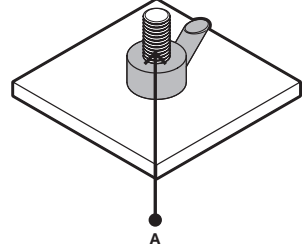
Stud to steel surface RS1 & RS2

Stud to steel surface RS1 - FurseWELD

	Mould part no.	Order code	Stud size A	Powder cartridge part no.	Handle clamp part no.	Stud part no.
	RS1-4-M8	7TCA083910R2232	M8	32P10	HCPK4	RSSM8
	RS1-4-M10	7TCA083910R2227	M10	45P10	HCPK4	RSSM10
	RS1-4-M12	7TCA083910R2228	M12	65P10	HCPK4	RSSM12

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request

Stud to steel surface RS2 - FurseWELD

	Standard mould part no.	Order code	Stud size A	Powder cartridge part no.	Handle clamp part no.	Stud
	RS2-4-M8	7TCA083910R2235	M8	32P10	HCPK4	RSSM8
	RS2-4-M10	7TCA083910R2233	M10	45P10	HCPK4	RSSM10
	RS2-4-M12	7TCA083910R2234	M12	65P10	HCPK4	RSSM12

Special moulds for all FurseWELD products can be manufactured to meet specific customer applications on request



FurseWELD

Remote ignition system



The FurseWELD remote ignition system provides a safe and efficient method to ignite exothermic welding powder when creating high quality electrical connections.

The FurseWELD Remote Ignition Process

The FurseWELD remote ignition system provides a safe, user friendly and remote method to ignite a high temperature reaction of powdered copper oxide and aluminium, within a mould, to form permanent electrical connections.

The hassle free FurseWELD remote ignition system can be assembled in a matter of minutes using our extensive installation guide.

Once the kit has been assembled, a single use ignition strip is loaded into the ignition block and then inserted into the desired FurseWELD mould. The mould should already have the conductors in position. Next the operator will place the steel retaining disc into the crucible, pour in the weld powder, place the steel hood unit over the mould and retreat to a safe distance. Using either the remote ignition unit or the wireless ignition fob the operator will activate the ignition strip, in turn igniting the welding powder within the mould.

Features and benefits:

- Removes the need to use ignition starter powder with a traditional flint gun, allowing ignition from a safe distance reducing exposure to smoke and fumes.
- Creates guaranteed ignition spark unlike traditional methods.
- Is completely portable and rechargeable.
- Can be used safely with minimum training.

The FurseWELD Remote Ignition System includes:

- Remote Ignition Unit
- Cable with Ignition Block
- Wireless Ignition Fob
- Charger
- Ignition strips (sold separately)

Accessories available:

- Stainless Steel Protective Hood - used to contain sparks from exothermic reaction and reduce smoke and fumes

Ignition Strips

The FurseWELD ignition strips have been designed to safely ignite the exothermic welding powder in the mould. The ignition strip is made from stainless steel.

FurseWELD quality notes

FurseWELD Remote Ignition system should only be used with our exothermic welding moulds (those with part number suffix IU) and powders.

Training is available for FurseWELD Remote Ignition users on request.



FurseWELD remote ignition system

Operation steps



1. Plug the ignition cable into the device. Insert the ignition strip (supplied separately) into the ignition block.



2. Insert the ignition strip into the small slot that is in the front side of the mould.



3. Place the steel retaining disc in the mould and pour the weld powder into the mould. Ensure the ignition strip is covered and centred in the mould.



4. Cover the mould with the steel hood and turn the power switch to option - to use the remote fob. Alternatively, turn the power switch to option = to use the button on the main ignition unit. Pressing the ignition button in preferred mode will then ignite the powder.



5. Press the power switch button to the middle position. Remove the cable and ignition strip from the mould. Remove the used ignition strip. Repeat the process again from **step 1**. Repeat the process again from step 1 for the next weld.

CAUTION!

1. Read the instruction sheet carefully and where possible attend training before using this device - either online, at Furse premises, your own premises or on the project site with a FurseWELD specialist.
2. Do not perform under wet or rainy conditions.
3. Don't use other charger which the main parameters do not adapt to this device.
4. Follow site safety requirements and other ABB safe practices for the exothermic welding procedure throughout the whole operation process.

GOOD PRACTICE

1. Battery must be charged to 20% or greater to avoid strip ignition failure due to low power.
2. When battery is fully charged, unplug from charge point.
3. Store device fully charged in a cool dry condition when not in use.
4. This device is designed and intended for use only with ABB Furse exothermic welding materials.



FurseWELD

Remote ignition kit



Remote ignition kit - FurseWELD

	Part no.	Order code	Description
	IU100	7TCA083930R0106	FurseWELD remote ignition kit, includes carrying case, ignition unit, fob, cable/block, mains charger & UK 3 pin adaptor



Stainless steel hood - FurseWELD

	Part no.	Order code	Description
	SHPK4	7TCA083930R0103	Furseweld stainless steel hood (80x80mm to suit PK4 moulds)
	SHPK5	7TCA083930R0102	Furseweld stainless steel hood (100x100mm to suit PK4 moulds)



Ignition strips - FurseWELD

	Part no.	Order code	Description
	IS100	7TCA083930R0107	FurseWELD ignition strips (5 pcs per pack)

FurseWELD

Handle clamps

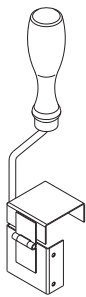
Handle clamps - FurseWELD



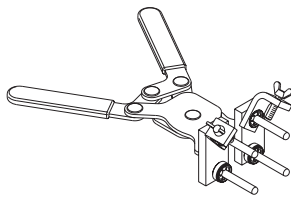
Part no.	Order code	Description
HCPK1	7TCA083930R0016	Single part moulds (Price Key 1)
HCPK2	7TCA083930R0017	Single part moulds (Price Key 2)
HCPK3	7TCA083930R0018	Two part moulds (Price Key 3)
HCPK3-A	7TCA083930R0019	With chain grip, two part moulds (Price Key 3)
HCPK3-B	7TCA083930R0020	Sprung, single part moulds (Price Key 3)
HCPK4	7TCA083930R0022	Two-part moulds (Price Key 4)
HCPK4-A	7TCA014980R0339	With chain grip, two-part moulds (Price Key 4)
HCPK5	7TCA083930R0023	Two-part moulds (Price Key 5)
HCPK7	7TCA083930R0024	Multi-part moulds (Price Key 7)
HCPK8	7TCA083930R0025	Multi-part moulds (Price Key 8)

Frames

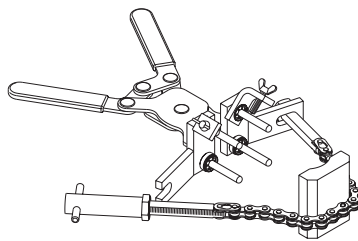
F1-FU	7TCA083930R0008	Frame for use with Handle Clamp HCPK4
F2-FU	7TCA083930R0010	Frame for use with Handle Clamp HCPK5



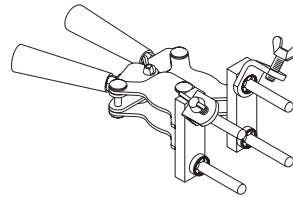
HCPK2



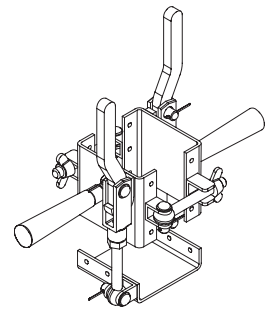
HCPK3



HCPK3-A



HCPK4 & HCPK5



HCPK7

Handle clamps with chain grip enable location and fixing of the mould on to uneven surfaces such as pipes and rebars

Note: Drawings for illustration only. Product supplied may vary from illustration shown

FurseWELD

Accessories

Copper sleeve accessory - FurseWELD



Part no.	Order code	Conductor size (mm ²)	Length (mm)
S105	7TCA083930R0070	2.5 / 4 / 6	23.5
S102-FU	7TCA083930R0068	10	25
S103	7TCA083930R0069	16	25

Exothermic welding powder - FurseWELD



Part no.	Order code	Description	Pack quantity
15P10	7TCA083920R0004	Exothermic welding powder, size 15	20
25P10	7TCA083920R0008	Exothermic welding powder, size 25	20
32P10	7TCA083920R0009	Exothermic welding powder, size 32	20
45P10	7TCA083920R0010	Exothermic welding powder, size 45	20
65P10	7TCA083920R0010	Exothermic welding powder, size 65	10
90P10	7TCA083920R0012	Exothermic welding powder, size 90	10
115P10	7TCA083920R0000	Exothermic welding powder, size 115	10
150P10	7TCA083920R0002	Exothermic welding powder, size 150	10
200P10	7TCA083920R0006	Exothermic welding powder, size 200	10
250P10	7TCA083920R0007	Exothermic welding powder, size 250	10

Stud accessory - FurseWELD



Part no.	Order code	Stud size	Length (mm)	Material
RSSM8	7TCA083930R0067	M8	48	Stainless steel
RSSM10	7TCA083930R0063	M10	48	Stainless steel
RSSM12	7TCA083930R0069	M12	48	Stainless steel

FurseWELD

Accessories

Accessories - FurseWELD



Duxseal sealing compound

Part no.	Order code	Description
B135	7TCA083930R0000	Cable cleaning brush
BCM	7TCA083930R0001	Mould cleaning brush
BFC	7TCA083930R0002	Tape cleaning brush
DUXSEAL	7TCA083930R0005	Duxseal sealing compound (1 lb)
FG100	7TCA083930R0108	Flint gun
FLINTS	7TCA083930R0013	Replacement flints (pack of 10)
PACK-A	7TCA083930R0055	Packing
STM1-FU	7TCA083930R0079	Mould cleaning scraper
TB100-FU	7TCA083930R0080	Welding toolbox
TK100	7TCA083930R0081	Standard toolkit for bar to bar joints Includes flint gun (FG100), tape cleaning brush (BFC), mould cleaning brush and scraper (BCM & STM1-FU)
TK200	7TCA083930R0082	Standard toolkit for cable to cable joints Includes flint gun (FG100), cable cleaning brush (B135), mould cleaning brush and scraper (BCM & STM1-FU)
TK300	7TCA083930R0110	Remote Ignition Unit toolkit for bar to bar joints Includes tape cleaning brush (BFC), mould cleaning brush and scraper (BCM & STM1-FU)
TK400	7TCA083930R0111	Remote Ignition Unit toolkit for cable to cable joints Includes cable cleaning brush (B135), mould cleaning brush and scraper (BCM & STM1-FU)
MJ4	7TCA083930R0052	Mould jacket (Price Key 3 & 4)
MJ5	7TCA083930R0053	Mould jacket (Price Key 5)



Cable cleaning brush,
Tape cleaning brush,
& Mould cleaning brush



Packing, Flint gun,
& Mould cleaning scraper



Welding toolbox



Mould jacket

The Furse mould jacket is designed to permit safe and secure transportation and storage of FurseWELD moulds. Manufactured from woven Kevlar synthetic material with silicate padding and Velcro lined edges, the jacket protects against splashing of hot metal sparks, and prevents moisture ingress and damage to the mould.



Appendix

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250P10	7TCA083920R0007	52
25P10	7TCA083920R0008	52
32P10	7TCA083920R0009	52
45P10	7TCA083920R0010	52
65P10	7TCA083920R0010	52
90P10	7TCA083920R0012	52
B135	7TCA083930R0000	53
BB1-4-203	7TCA083910R2736	10
BB1-4-253	7TCA083910R0007	10
BB1-4-254	7TCA083910R0010	10
BB1-4-256	7TCA083910R0011	10
BB1-4-303	7TCA083910R0013	10
BB1-4-304	7TCA083910R0015	10
BB1-4-305	7TCA083910R0016	10
BB1-4-316	7TCA083910R0019	10
BB1-4-385	7TCA083910R0021	10
BB1-4-386	7TCA083910R0022	10
BB1-4-403	7TCA083910R0023	10
BB1-4-404	7TCA083910R0024	10
BB1-4-405	7TCA083910R0027	10
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BB1-4-503	7TCA083910R0030	10
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BB1-4-505	7TCA083910R0032	10
BB1-4-506	7TCA083910R0033	10
BB14-4-203203	7TCA083910R0050	13
BB14-4-253253	7TCA083910R0052	13
BB14-4-253253-IU	7TCA083910R3183	13
BB14-4-254254	7TCA083910R0055	13
BB14-4-254254-IU	7TCA083910R3184	13
BB14-4-254404-IU	7TCA083910R3278	13
BB14-4-256256	7TCA083910R0063	13
BB14-4-256256-IU	7TCA083910R3185	13
BB14-4-256406-IU	7TCA083910R3272	13
BB14-4-303303	7TCA083910R0067	13
BB14-4-304304	7TCA083910R0070	13
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