

XIKAI

Lightning Protection & Earthing



Constructing
World Bridge of Power System,
Providing Excellent Products From
XIYA

Key Of Power Electric Professional

- Composite Insulator
- Disconnecting Switch
- SF6 & Vacuum Circuit Breaker
- Fitting&Clamp(Hardware)
- Whole Set Cabinet
- Wall Bushing
- Loadbreak Switch
- Fuse Cutout
- Surge Arrester
- Cable Accessories

XIKAI

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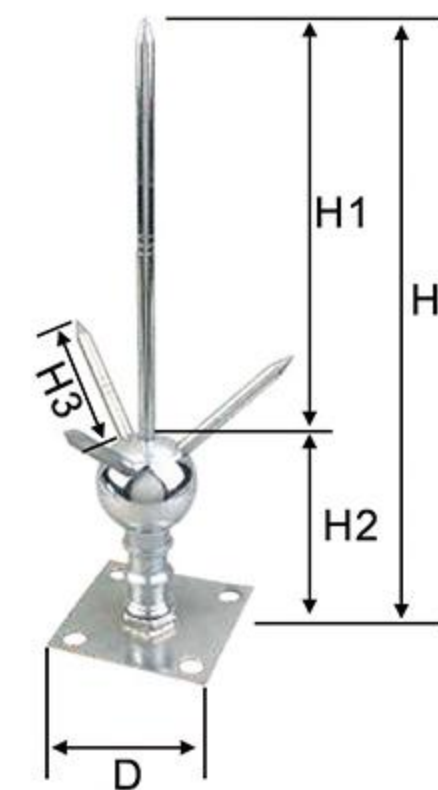
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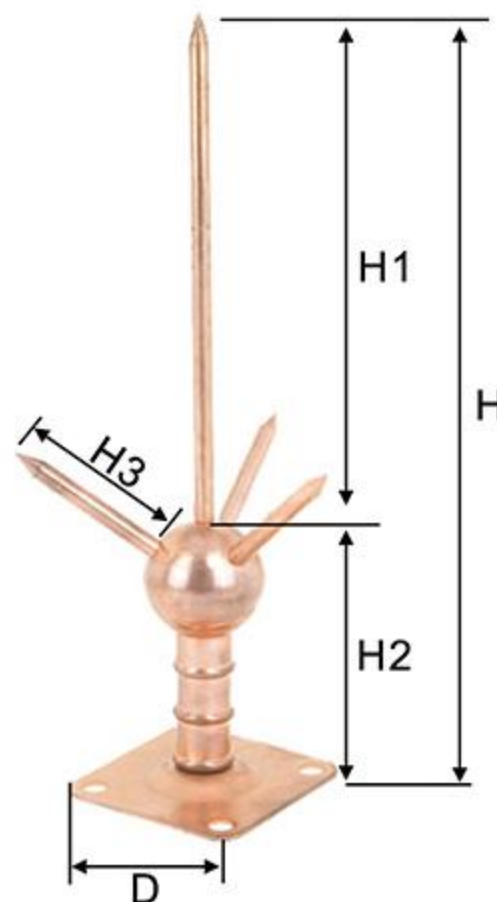
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Air Termination (Brass/Tin Plated)

Part No.	Dimensions(mm)				
	H	H1	H2	H3	D
ATC01-A	380	250	130	90	100
ATC01-B	550	420	130	140	100
ATC01-C	1000	870	130	300	100



Air Termination (Brass/Copper Plated)

Part No.	Dimensions(mm)				
	H	H1	H2	H3	D
ATC02-A	380	250	130	90	100
ATC02-B	550	420	130	140	100
ATC02-C	1000	870	130	300	100

Air Termination(Stainless steel)

Part No.	Dimensions(mm)			
	H	H1	H2	Φ
ATC03-1 Ball	1500	400	250	100



Part No.	Dimensions(mm)					
	H	H1	H2	H3	Φ 1	Φ 2
ATC03-2 Ball	1800	250	200	700	150	200

Part No.	Dimensions(mm)					
	H	H1	H2	H3	Φ 1	Φ 2
ATC03-3 Ball	2400	750	200	700	150	200

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Lightning Protection

Multiple Point



Part No .	Rod dia	Thread dia	Material
MPC14	14mm	5/8"	Copper
MPC15	15mm	16mm	Copper
MPB14	14mm	14mm	Brass plate copper
MPB15	15mm	16mm	Brass plate copper

Air Termination (complete set)

Part No.	Rod Length mm	Rod Dia. mm	Thread Dia. mm	Material
ATC314	300	14	5/8" or 14mm	Copper/Brass
ATC514	500	14	5/8" or 14mm	Copper/Brass
ATC1014	1000	14	5/8" or 14mm	Copper/Brass
ATC515	500	15	5/8" or 16mm	Copper/Brass
ATC1015	1000	15	5/8" or 16mm	Copper/Brass
ATC1515	1500	15	5/8" or 16mm	Copper/Brass
ATC516	500	16	5/8" or 16mm	Copper/Brass
ATC1016	1000	16	5/8" or 16mm	Copper/Brass
ATC1516	1500	16	5/8" or 16mm	Copper/Brass
ATC2016	2000	16	5/8" or 16mm	Copper/Brass



Air Rod Base For Copper Tape

Part No .	Thread dia	Material
ARB14	M14	Copper/Brass
ARB16	M16	Copper/Brass



Earth Electrodes

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TQYF Advance Pre-Discharge Lightning Rod Series Operation Principle

The TQYF series lightning rod adopts international advanced technique, presently it has obtained state patent, Its exciter absorbs and stores energy from nature electric field. The air is well electrical connector existed among reflector, point of lightning arrester and earth, stays at equipotential state So, under normal conditions, there is electric field strength existed between exciter and emitter which would be rapidly augmented before thunder lining, the potential difference between exciter and reactor is about equivalent to electric potential between thundercloud and earth, the voltage drop between them would be increased rapidly, which would lead to strike fire of point and air ionization around point, so as to from pre-discharge phenomenon.

The air ionization around point resulted from rapid increasing of electric field between central collecting pole of lightning rod and exciters would lead to discharge within short and accurate period, for a large amount of electric charge exists, the nature corona effect would be reduced, which forms one anticipated upward discharge passage, it would rapidly and safely intercept thunder lightning, moreover, it can release the thunder lightning down to earth



Product Characteristic

No need maintenance, non-electronic, long life.

No electronic system, it would not be damaged because of surge impulse, the protective, quality would not be changed after thunder-strike.

Many different protective radiuses is given for customer selection.

It can not be self-activated until there is lightning, completely active form intercept thunder lightning sy.

Be safe and reliable, import foreign advanced technique, it has passed test of related state department.

Product Mechanism

Central collecting pole.

Reflector trigger equipment.

Reflector

Exciter.

Fixed plate of exciter

It is insulated one another among exciter, reflector and central collecting pole.

Exciter

There is well electrical connection existed between earth and reflector / central collecting pole.

The base of exciter is made of synthetic resin, it can be operated under any corrosive condition.

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Advance Pre-Discharge Lightning Rod



TQYF-3.3 Advance pre-discharge lightning rod
Inner-space and tooth depth 27mm × 1.5mm



TQYF-4.3 Advance pre-discharge lightning rod
Inner-space and tooth depth 27mm × 1.5mm



TQYF-5.3 Advance pre-discharge lightning rod
Inner-space and tooth depth 38mm × 1.5mm



TQYF-6.3 Advance pre-discharge lightning rod
Inner-space and tooth depth 38mm × 1.5mm

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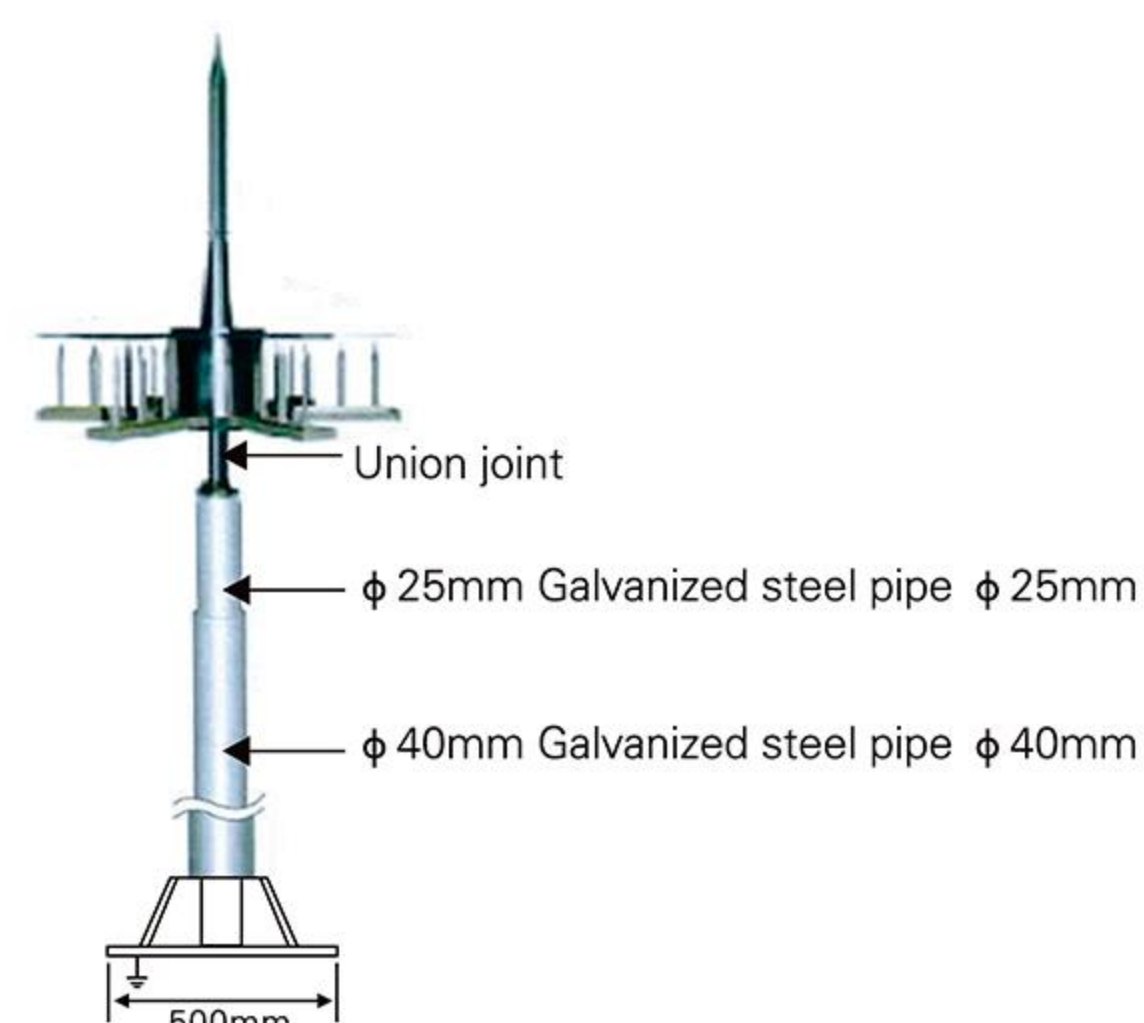
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TQYF Advance Pre-Discharge Lightning Rod Series Model Selection of TQYF Pre-Discharge Lightning Rod

TQYF-3.3 three sheets (9 short rod)
TQYF-4.3 four sheets (12 short rod)
TQYF-5.3 five sheets (20 short rod)
TQYF-6.3 six sheets (30 short rod)

Installation Reference Diagram

Installation reference diagram of TQYF pre-discharge lightning rod



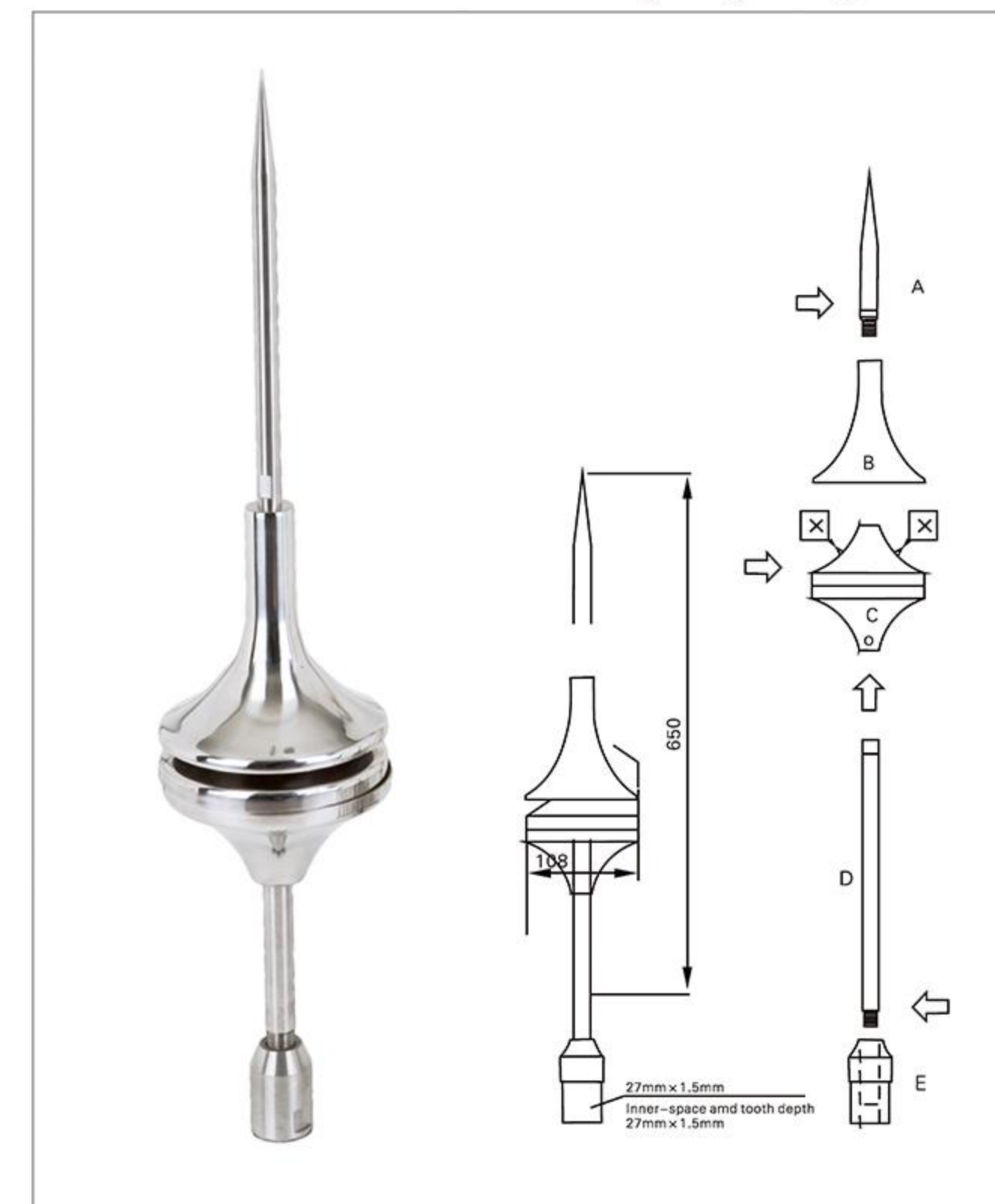
Product Model and Protective Radius

型号 Part No.	I Kind	II Kind	III Kind	I Kind	II Kind	III Kind	I Kind	II Kind	III Kind	I Kind	II Kind	III Kind	I Kind	II Kind	III Kind	I Kind	II Kind	III Kind
Rod hight	5			6			7			8			9			10		
TQYF-3.3	40	55	62	40	56	65	41	57	66	41	58	70	41	61	73	42	63	81
TQYF-4.3	49	66	74	49	67	76	50	57	77	50	68	80	51	71	83	51	72	90
TQYF-5.3	59	76	85	59	77	86	59	77	88	59	78	90	60	80	92	60	82	99
TQYF-6.3	68	86	95	68	87	97	68	87	98	68	88	100	69	90	102	69	91	106

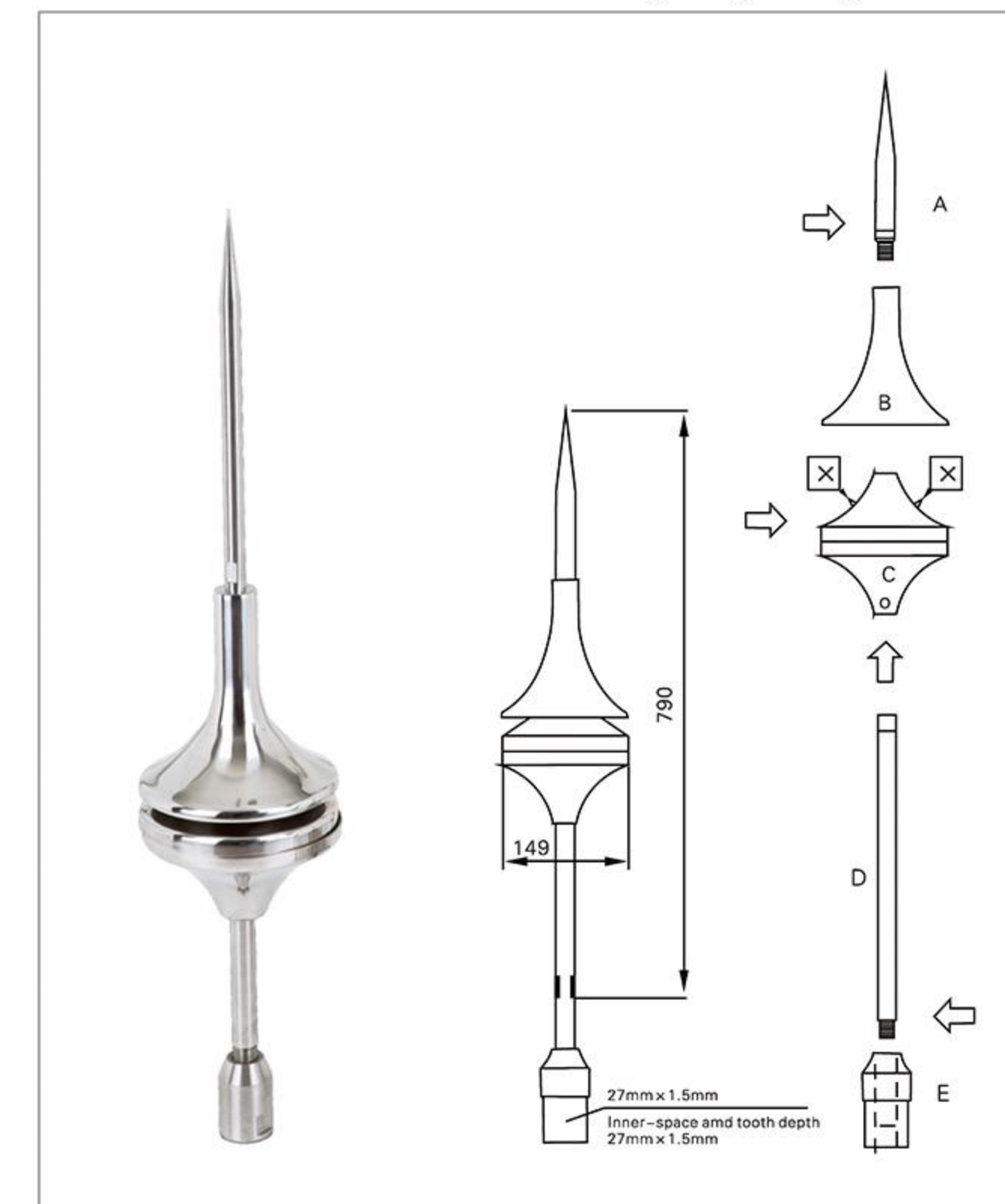
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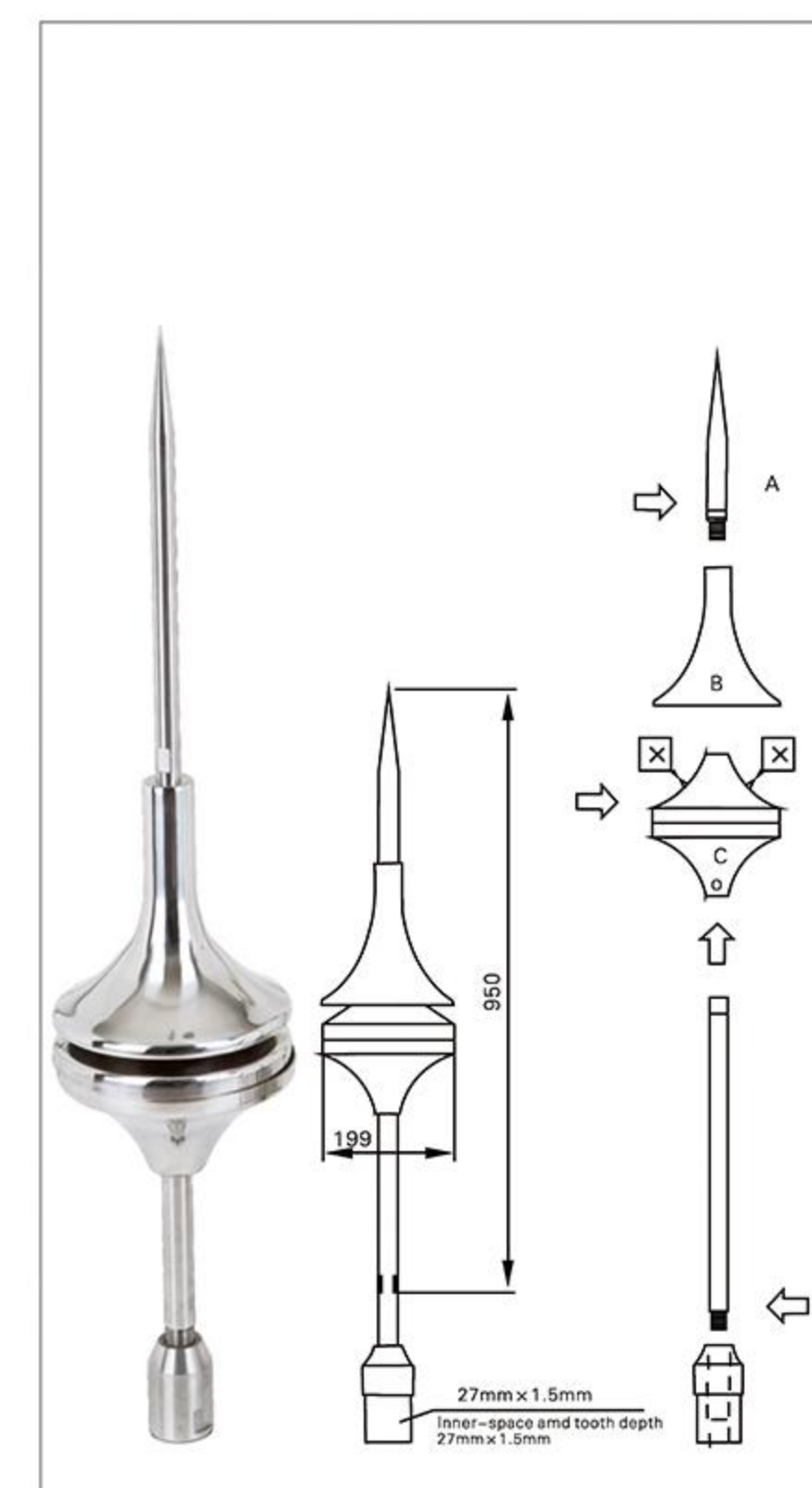
TQYF- I
Model Advance Pre-Discharge Lightning Rod



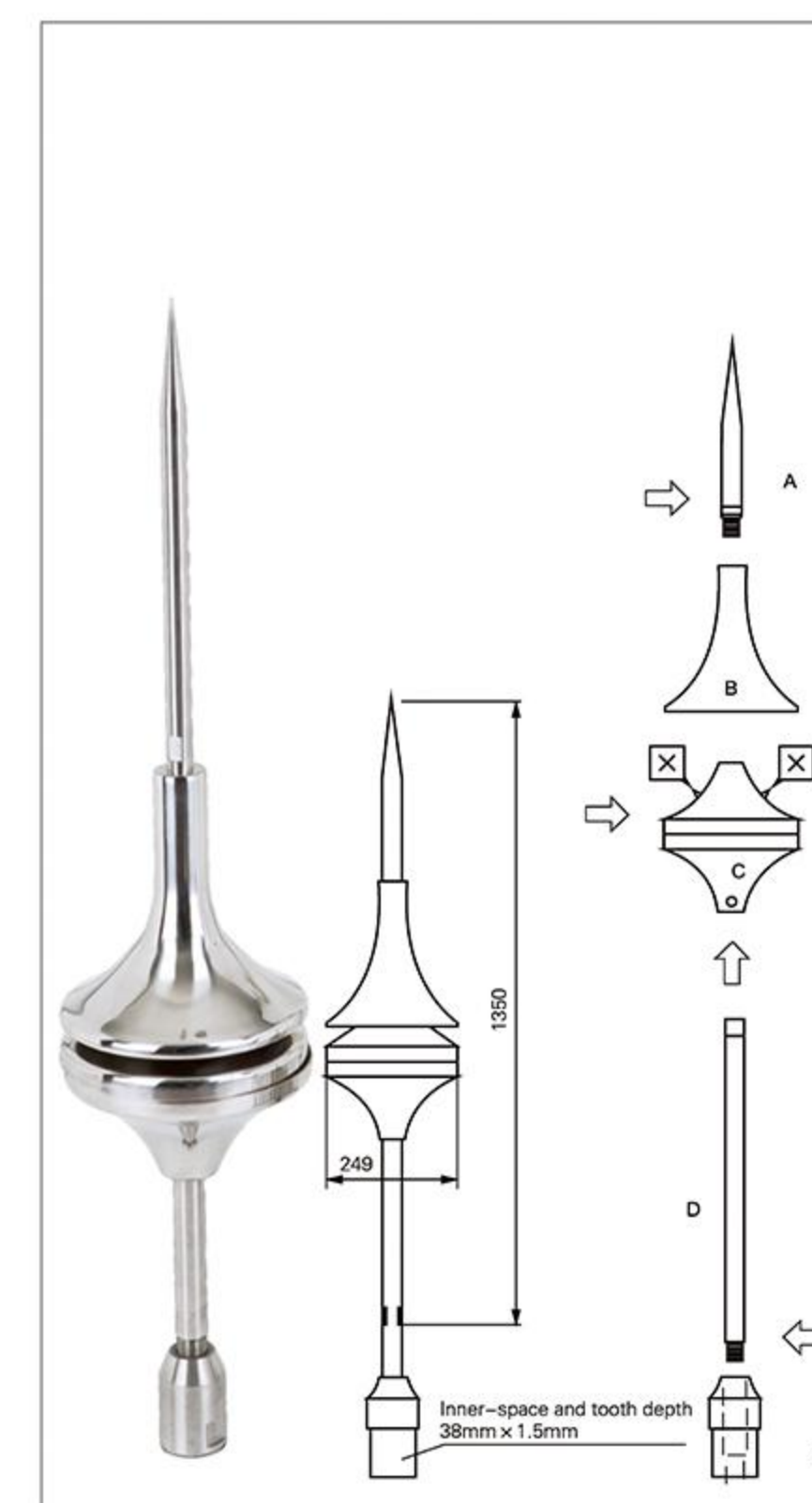
TQYF- II
Model Advance Pre-Discharge Lightning Rod



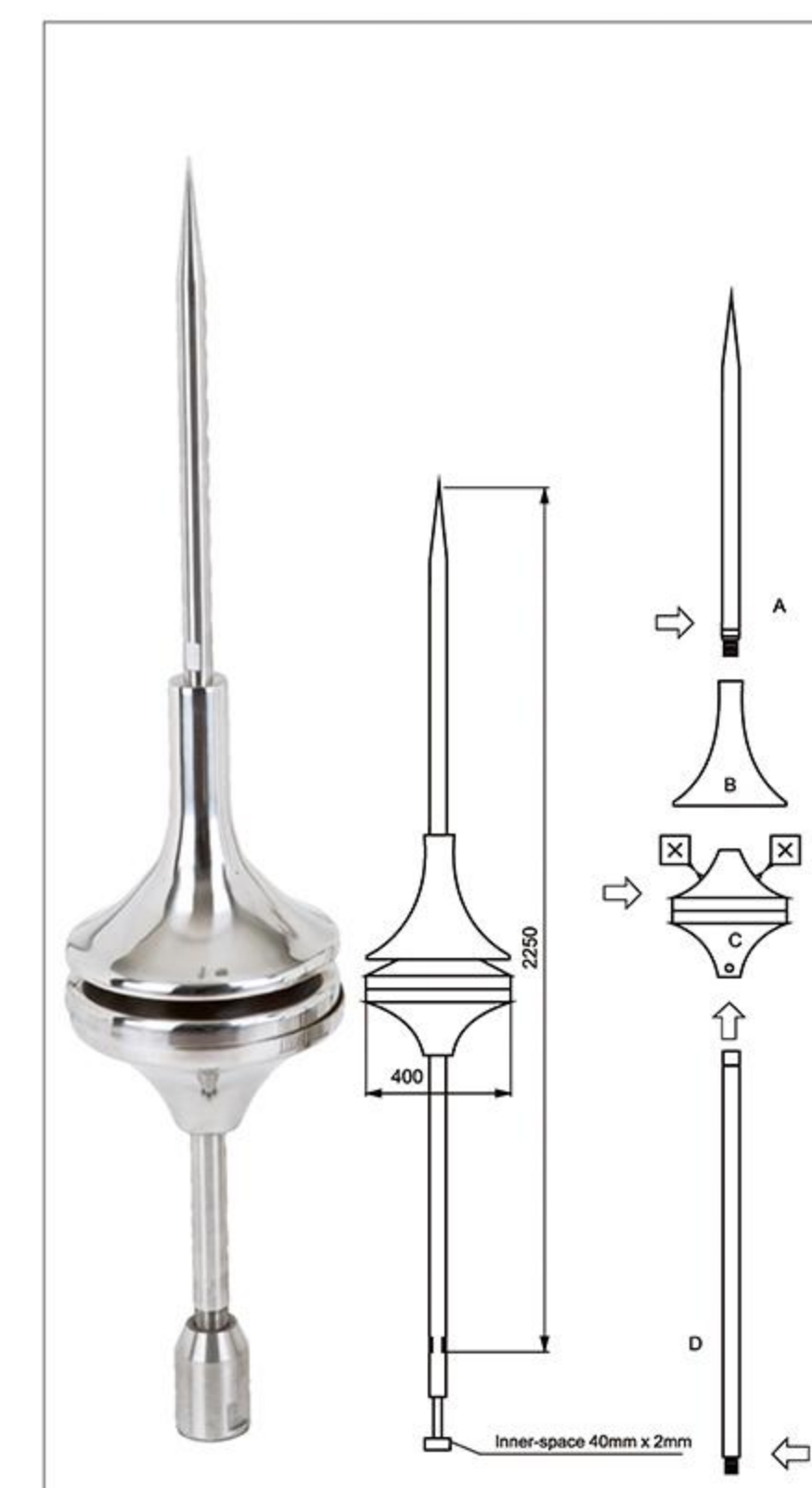
TQYF-III
Model Advance Pre-Discharge Lightning Rod



TOYF-IV
Model Advance Pre-Discharge Lightning Rod



TQYF- V
Model Advance Pre-Discharge Lightning Rod



Advance Pre-discharge Lightning Rod

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Calculation of TQYF Lightning Rod is Protective Radius

Based on NFC17-10 provision ,the needlepoint should be higher than horizontal plane of protected object by 2M(h1).its protective range(radius)separately is Rp2, Rp3, Rpn correspondingly provided the installation height of lighting rod separately is h2,h3...hn etc.

It should take the lightning protection class of protected object, local thunderstorm and geological landform circumstance etc accout when setting calculation formula .

The protective radius of TQYF model is related to height staring anticipating time. model of lightning rod and chosen protective class: when $h \geq 5$

$$R_p = \sqrt{h(2D-h) + \Delta L(2D + \Delta L)}$$

Note :the Rp in formula represents protective radius on horizontal plane considered

◇h represents height difference between needlepoint and top of protected object

◇D represents up ward anticipating (distance) upward

◇ ΔL represents upward anticipating distance

◇ Δ=V(meter/microsecond) x ΔT(micrsecond)

◇V represents lead transmission speed, experiment data indicates:V1 meter /microsecond

France Based on national standand NFC17-102

◇ The 1st kind building is20m(G 850057-94 specifies : D=30m)

◇ The 2nd kind building is45m

◇ The 3rd kind building is60m

The corresponding protective radius(Rp),protective type of different lightning protection building to TQYF lightning rod of different model and installation height

TQYF Needlepoint height	H=the height over protected object(m)								
	2	4	5	7	10	15	30	45	60
The 1 st kind lightning protection building(radius of grounder is 30m)									
TQYF I	19	19	19	19	19	19	19	19	19
TQYF II	26	26	26	26	26	26	26	26	26
TQYF III	30	30	30	30	30	30	30	30	30
TQYF IV	35	35	35	35	35	35	35	35	35
The 2 nd kind lightning protection building(radius of grounder is 45m)									
TQYF I	23	23	23	23	23	23	23	23	23
TQYF II	30	30	30	30	30	30	30	30	30
TQYF III	35	35	35	35	35	35	35	35	35
TQYF IV	40	40	40	40	40	40	40	40	40
The 3 rd kind lightning protection building(radius of grounder is 60m)									
TQYF I	26	26	26	26	26	26	26	26	26
TQYF II	33	33	33	33	33	33	33	33	33
TQYF III	38	38	38	38	38	38	38	38	38
TQYF IV	44	44	44	44	44	44	44	44	44

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Advance Pre-discharge Lightning Rod

Calculation of TQYF Lightning Rod's Protective Radius

Model and performance of TQYF lightning rod

Model of lightning rod	Advance discharge time Δ T
TQYF I Lightning rod	25microsecond
TQYF II Lightning rod	40microsecond
TQYF III Lightning rod	50microsecond
TQYF IV Lightning rod	60microsecond

Note: the setting range of above advance discharge timeΔ T value is stipulated in France national lightning protection standard NFC17-102,the actual test value is bigger than given value.

Installation Instruction

Installing TQYF lightning rod in our country must strictly abide by obligatory provision stated in lightning protection standard of the People Republic of China--《 building lightning protection design Norm 》(GB50057-94)

◇ The lightning protection kind of building is determined based on area. height. local thunder & lightning day numbers. geographic environmental correction factor and using characteristic of protected building.

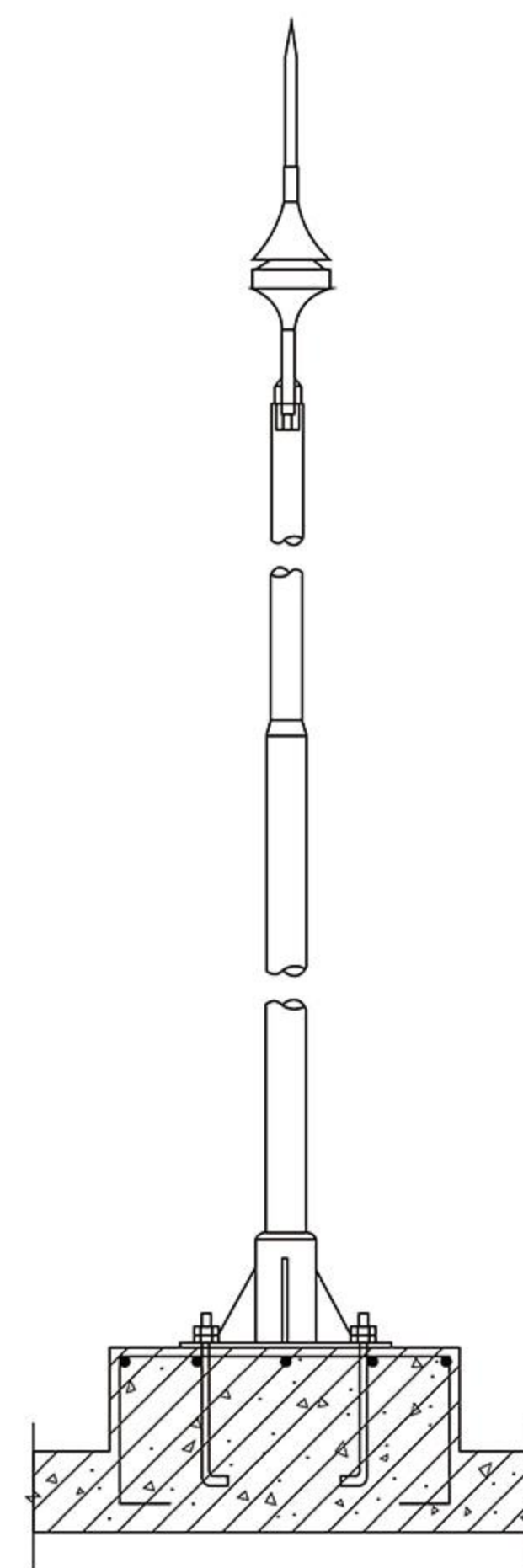
◇ Determining chosen quantity of TQYF lightning rod based on lightning protection category and building ares.

◇ The downlead should be electrical – connected with main reinforcing steel of building, or, set two or more downleads according to provision .

◇ The downlead should be made as off/on clip and insulating protection around the ground.

◇ Earthing body,earth resistance and lightning protection network must be set in the light of lightning protection standard GB50057-94.

◇ The guarantee period of lightning protection product is twenty years.

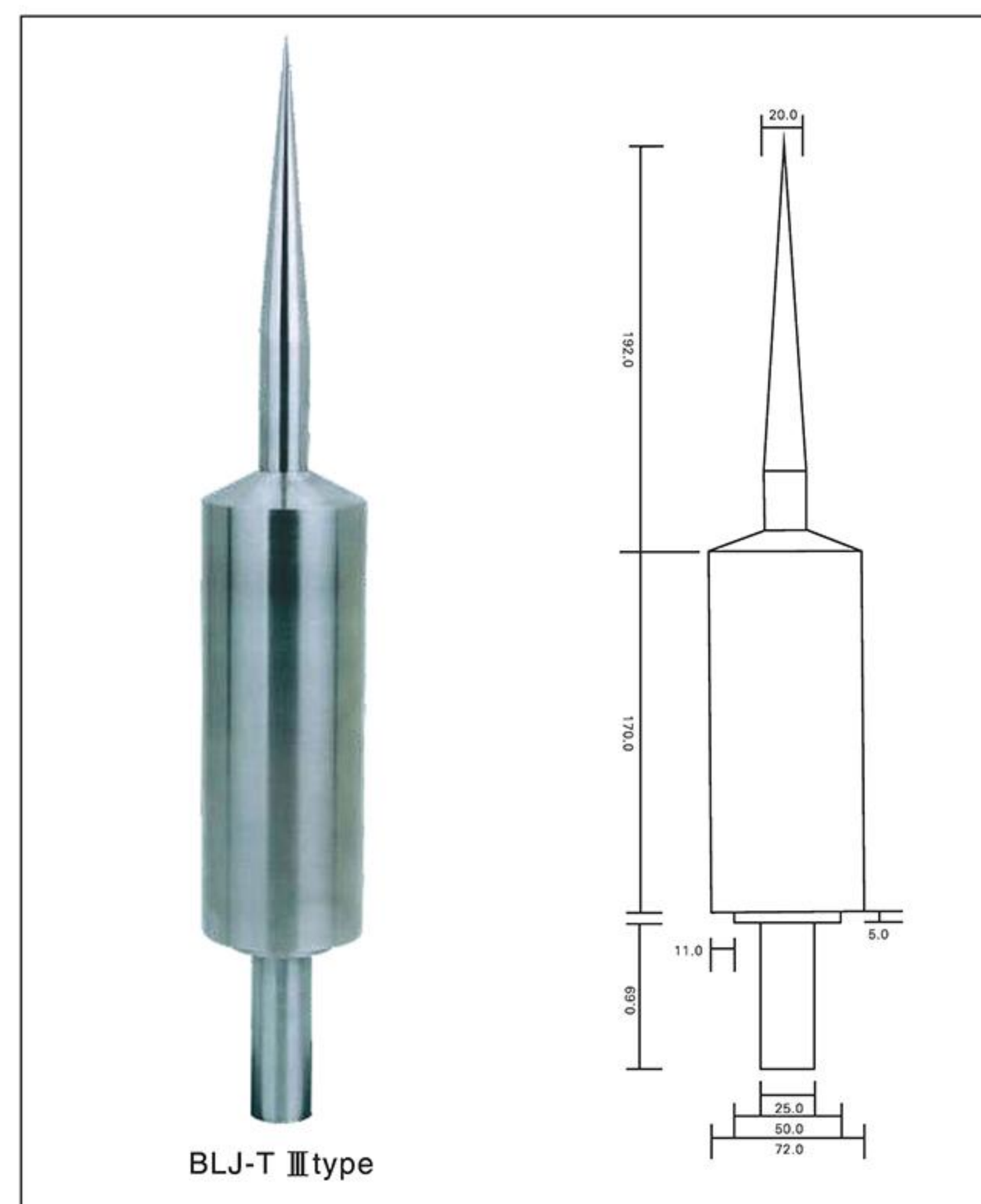
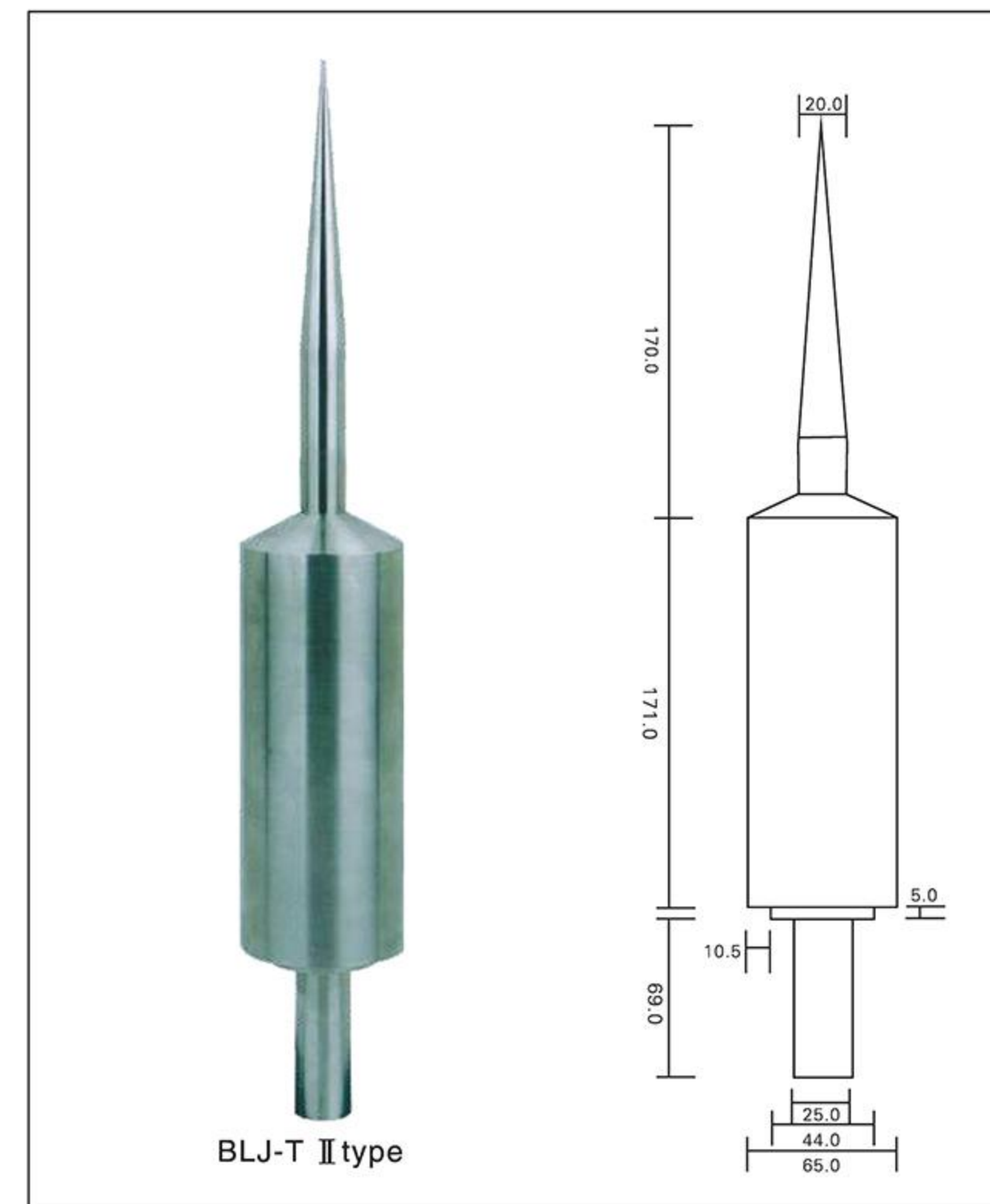
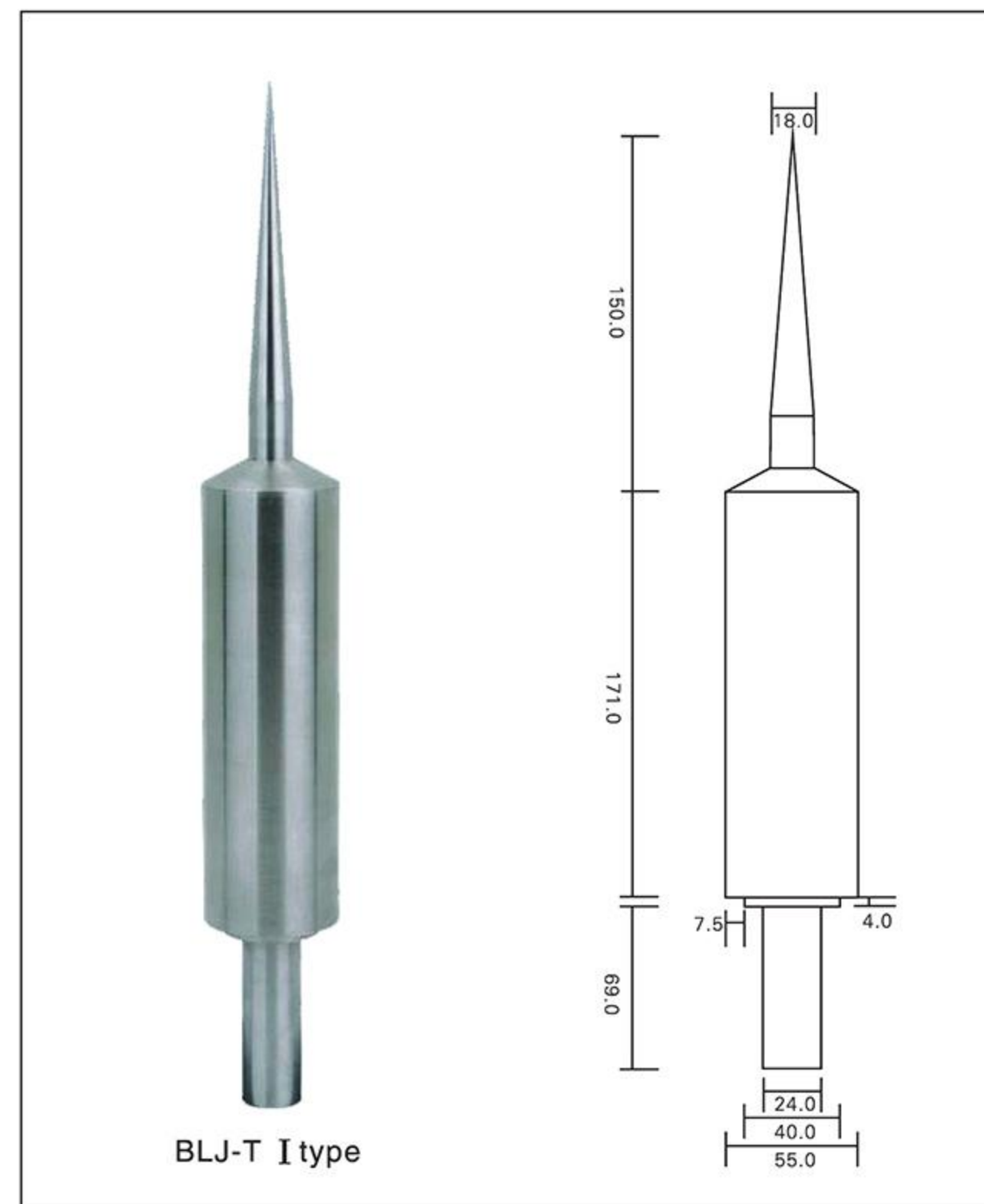


Installation Master drawing of TQYF lightning rod

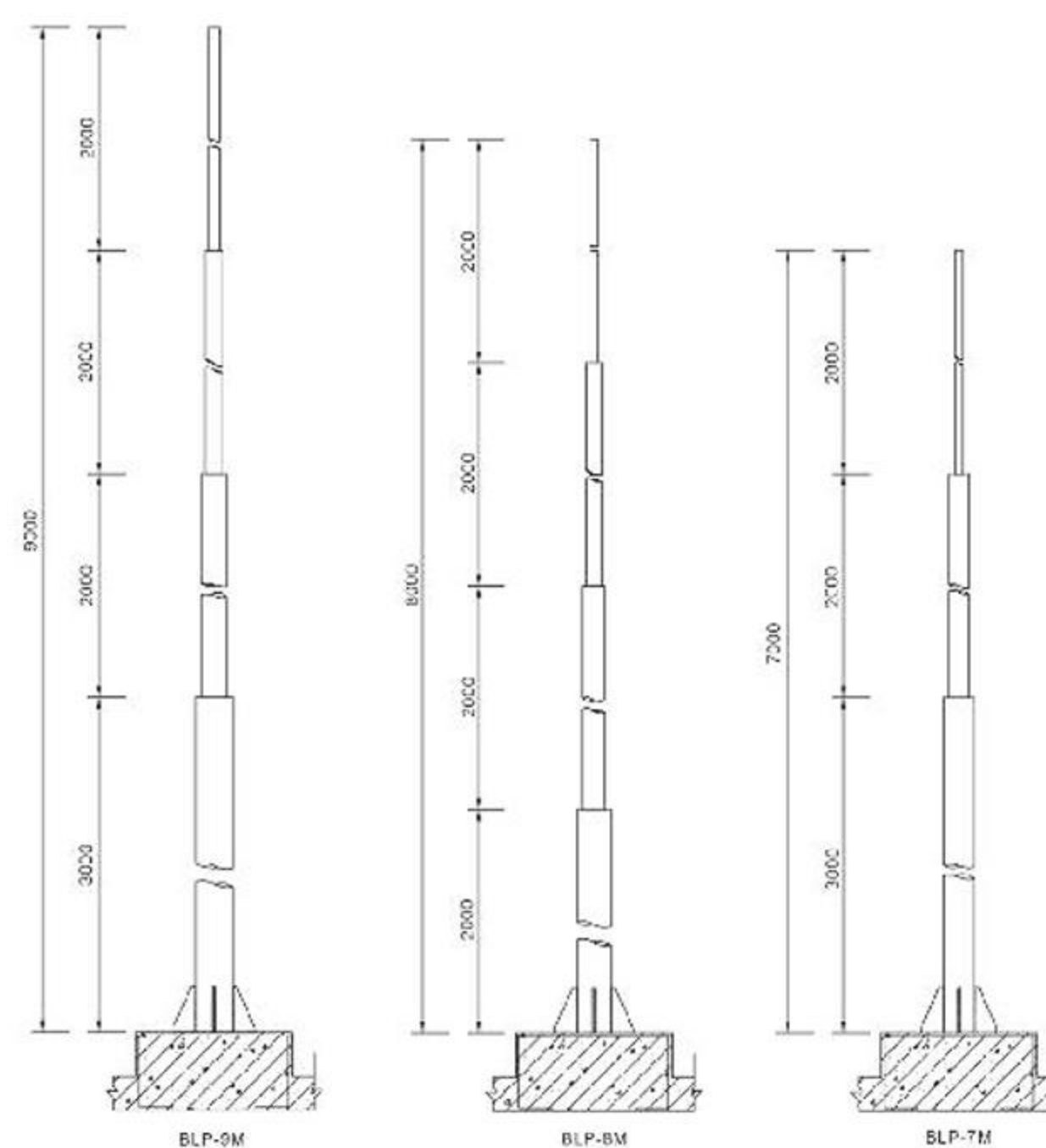
Advance Pre-discharge Lightning Rod

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Optimized Lightning rod



Base of stainless steel lightning rod



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Taper Pointed Air Rod

Part No .	Thread size	Length	Material
ARTP500-16	M16	500	Copper
ARTP1000-16	M16	1000	Copper
ARTP500-20	M20	500	Copper
ARTP1000-20	M20	1000	Copper

Side Mounting Air Rod Bracket

Part No .	Rod Φ (mm)	Material
ARSM-16	M16	Copper
ARSM-20	M20	Copper

These brackets provide a 75mm projection from the building face and are used where it is not possible to fit a saddle onto the building roof. The brackets are used in conjunction with the rod to tape coupling used to secure the flat tape to the air rod. For use with copper air rod.

Rod To Tape Coupling

Part No .	Rod Φ (mm)	tape	Material
RTTC16	M16	25 × 3	Copper
RTTC20	M20	25 × 3	Copper

Enables the flat tape to be connected to the air rod. Used in conjunction with the side mounting air rod brackets. For use with copper air rod.

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Copper Bonded Earth Rod

Xikai copper bonded earth rods probably offer to the installer the best and most economical earth rods available. They are made by molecularly bonding 99.9% pure electrolytic copper on to a low carbon steel core.

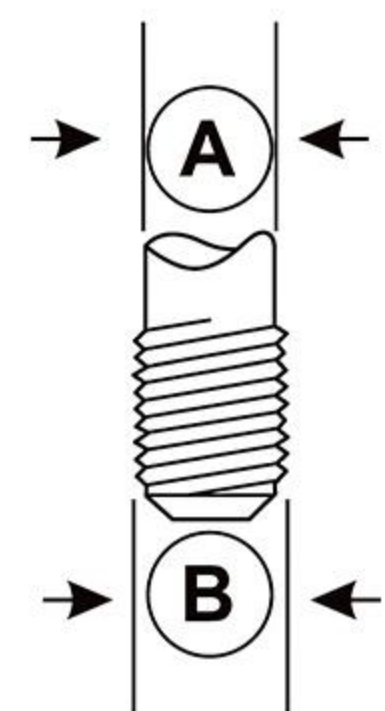
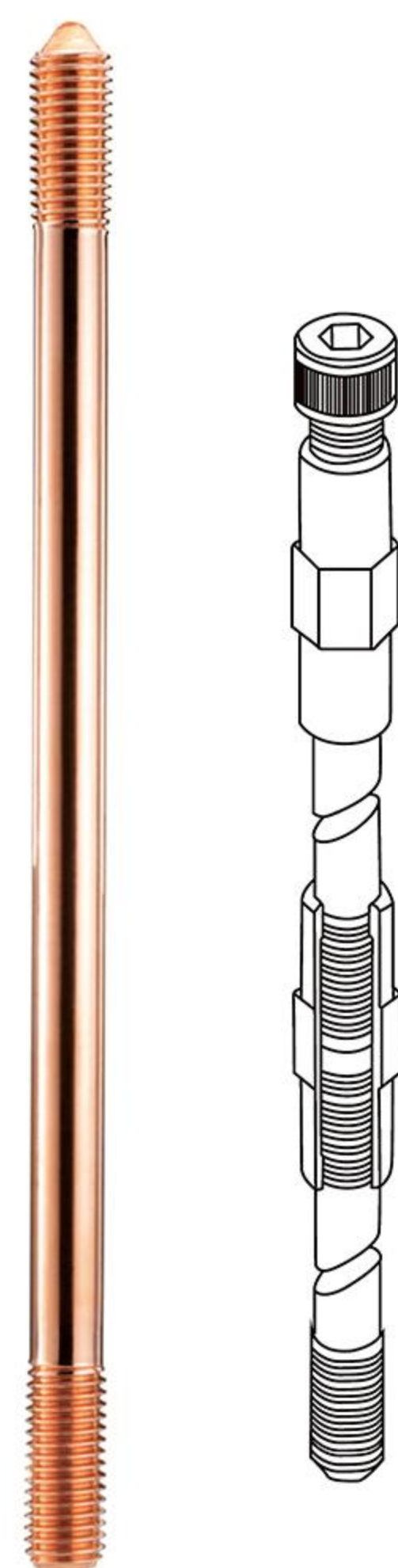
Confusion often arises between thread and shank diameters for threaded rods. The thread rolling process, used by quality rod manufacturers, raises the surface of the rod so that thread diameter (B) is greater than shank diameter (A) (see drawing).

Copper thickness standard 254 microns.(others plating copper thickness as your requested)

Earth rods to BS EN 50164-2, Bs7430 and UL467; Fittings to BS EN 50164-1

Product Dimensions

Part N0	Nominal diameter	Length (mm)	Thread "B"	Shank "A" (mm)	Weight each (kg)
ERT1112	1/2"	1200	1/2"	11	0.89
ERT1115	1/2"	1500	1/2"	11	1.12
ERT1118	1/2"	1800	1/2"	11	1.34
ERT1212	12.7	1200	9/16"	12.7	1.18
ERT1215	12.7	1500	9/16"	12.7	1.55
ERT1218	12.7	1800	9/16"	12.7	1.76
ERT1224	12.7	2400	9/16"	12.7	2.36
ERT1412	5/8"	1200	5/8"	14.2	1.53
ERT1415	5/8"	1500	5/8"	14.2	1.88
ERT1418	5/8"	1800	5/8"	14.2	2.29
ERT1421	5/8"	2100	5/8"	14.2	2.51
ERT1424	5/8"	2400	5/8"	14.2	3.00
ERT1430	5/8"	3000	5/8"	14.2	3.79
ERT1615	16mm	1500	M18	16	2.37
ERT1618	16mm	1800	M18	16	2.84
ERT1624	16mm	2400	M18	16	3.79
ERT1630	16mm	3000	M18	16	4.73
ERT1712	3/4"	1200	3/4"	17.2	2.19
ERT1715	3/4"	1500	3/4"	17.2	2.73
ERT1718	3/4"	1800	3/4"	17.2	3.27
ERT1721	3/4"	2100	3/4"	17.2	3.83
ERT1724	3/4"	2400	3/4"	17.2	4.35
ERT1730	3/4"	3000	3/4"	17.2	5.44



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Earth Electrodes

Copper Bonded Earth Rod(Un-Thread)

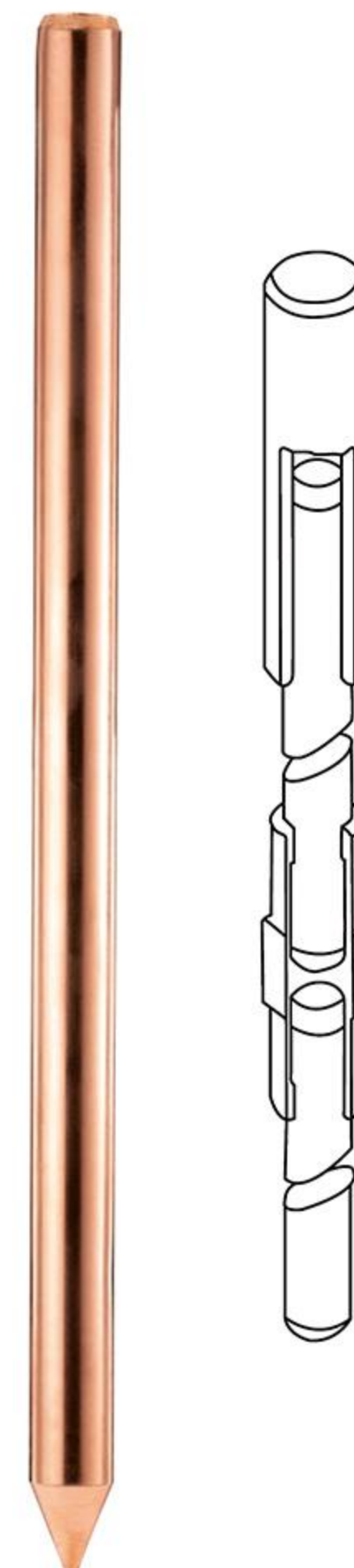
Xikai copper bonded earth rods probably offer to the installer the best and most economical earth rods available. They are made by molecularly bonding 99.9% pure electrolytic copper on to a low carbon steel core.

Copper thickness standard 250 microns.(others plating copper thickness as your requested)

Earth rods to BS EN 50164-2, Bs7430 and UI467 ,Fittings to BS EN 50164-1

Product Dimensions

Part N0	Diameter(mm)	Length(mm)	Weight each(kg)
ER912	9.0	1200	0.62
ER9512	9.5	1200	0.668
ER1215	10.0	1200	0.74
ER1218	10.5	1200	0.82
ER1224	11.0	1200	0.90
ER1412	1/2"	1200	0.996
ER1415	1/2"	1500	1.49
ER1418	13.0	1200	1.25
ER1420	13.0	1500	1.56
ER1421	14.0	1200	1.45
ER1424	14.0	1300	1.57
ER1430	14.0	1500	1.81
ER1612	16.0	1200	1.90
ER1615	16.0	1500	2.37
ER1618	16.0	1800	2.84
ER1620	16.0	2000	3.16
ER1624	16.0	2400	3.79
ER1630	16.0	3000	4.73
ER1712	17.2	1200	2.19
ER1715	17.2	1500	2.73
ER1718	17.2	1800	3.27
ER1720	17.2	2000	3.64
ER1721	17.2	2100	3.83
ER1724	17.2	2400	4.35
ER1730	17.2	3000	5.44
ER1915	3/4"	1500	3.34
ER1924	3/4"	2400	5.34
ER1930	3/4"	3000	6.68
ER2220	22	2000	5.97
ER2530	25	3000	11.56



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Solid Copper and Stainless Steel Earth Rod

Xikai solid copper earth rods greater resistance to corrosion . They are ideally used in applications where soil conditions are very aggressive, such as soils with high salt content.

Kit include rod, driving head coupling dowel, driving spike to make 8 ft rod.
Connections to the rods can be by mechanical clamps, compression.

Standard: BS EN 50164-2, BS7430, UL467

Product Dimensions

Solid copper Earth Rod (Cu 99.9%)

Part N0	Diameter	Length	Weight each
CER1212	12.7mm	1200mm	1.35kg
CER1215	12.7mm	1500mm	1.69kg
CER1412	14mm	1200mm	1.64kg
CER1415	14mm	1500mm	2.05kg
CER1512	15mm	1200mm	1.88kg
CER1515	15mm	1500mm	2.35kg
CER1530	15mm	3000mm	4.70kg
CER2012	20mm	1200mm	3.34kg
CER2015	20mm	1500mm	4.18kg
CER2030	20mm	3000mm	8.36kg

Solid copper rod kit

Part N0	Diameter	Length	Weight each
CER1512-kit	15mm	8 ft(2400)mm	3.82kg
CER2012-kit	20mm	8 ft(2400)mm	6.79kg

Stainless Steel Earth Rod

Stainless steel rods are used to overcome many of the problems caused by galvanic corrosion which can take place between dissimilar metals buried in close proximity. Furse stainless steel earth rods are highly resistant to corrosion.

A kit include rod, driving head coupling dowel, driving stud and spike to make 8 ft rod.
Connections to the rods can be by mechanical clamps, compression.

Standard: BS EN 50164-2, BS7430, UL467

Product Dimensions

Stainless Steel Earth Rod

Part N0	Diameter	Length	Weight each
SER1612	16mm	1200mm	1.87kg
SER1615	16mm	1500mm	2.34kg
SER1630	16mm	3000mm	4.68kg
SER2015	20mm	1500mm	3.65kg
SER2030	20mm	3000mm	7.30kg

Stainless steel rod kit

Part N0	Diameter	Length	Weight each
CER162-kit	16mm	8 ft(2400)mm	3.8kg

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Copper Claded Non Magnetic Steel Earth Rods

Copper claded earth rods are made from 99.9 % pure electrolytic copper tube and non magnetic steel

This product claded copper thickness more than 1.5mm,so the conductive good performance, low resistance, and can be comparable to pure copper ground rod.

Part N0	Diameter	Length	Copper tube thickness
CCR-1212	12.5mm	1200mm	≥ 1.5mm
CCR-1312	13mm	1200mm	
CCR-1412	14mm	1200mm	
CCR-1415	14mm	1500mm	
CCR-1615	16mm	1500mm	
CCR-1715	17.2mm	1500mm	

Driving Head

Driving Heads are made from hardened and tempered steel. It is used protect the internal thread and the top of the earth electrode when being driven into the ground.

Part N0	Diameter	Thread Dia(mm)	Material
DH16	38	10	Hardened steel
DH20	41	10	Hardened steel

Coupling Dowel

Coupling dowels for stainless steel earth rods are made from stainless steel or brass .It used to join either the solid copper or stainless steel rods.

Part N0	Diameter	Thread Dia(mm)	Material
CD16	40	10	Stainless Steel
CD20	50	10	Stainless Steel

Driving Spike

Driving spikes are made from case hardened steel. It is used to enable the earth electrode to be driven into the ground more easily and stop the earth electrode from being damaged.

Part N0	Diameter	Thread Dia(mm)	Material
DS16	40	10	Stainless Steel
DS20	50	12	Stainless Steel

Earth Electrodes

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Electrolytic Chemical Earth Rods

Product Introduction

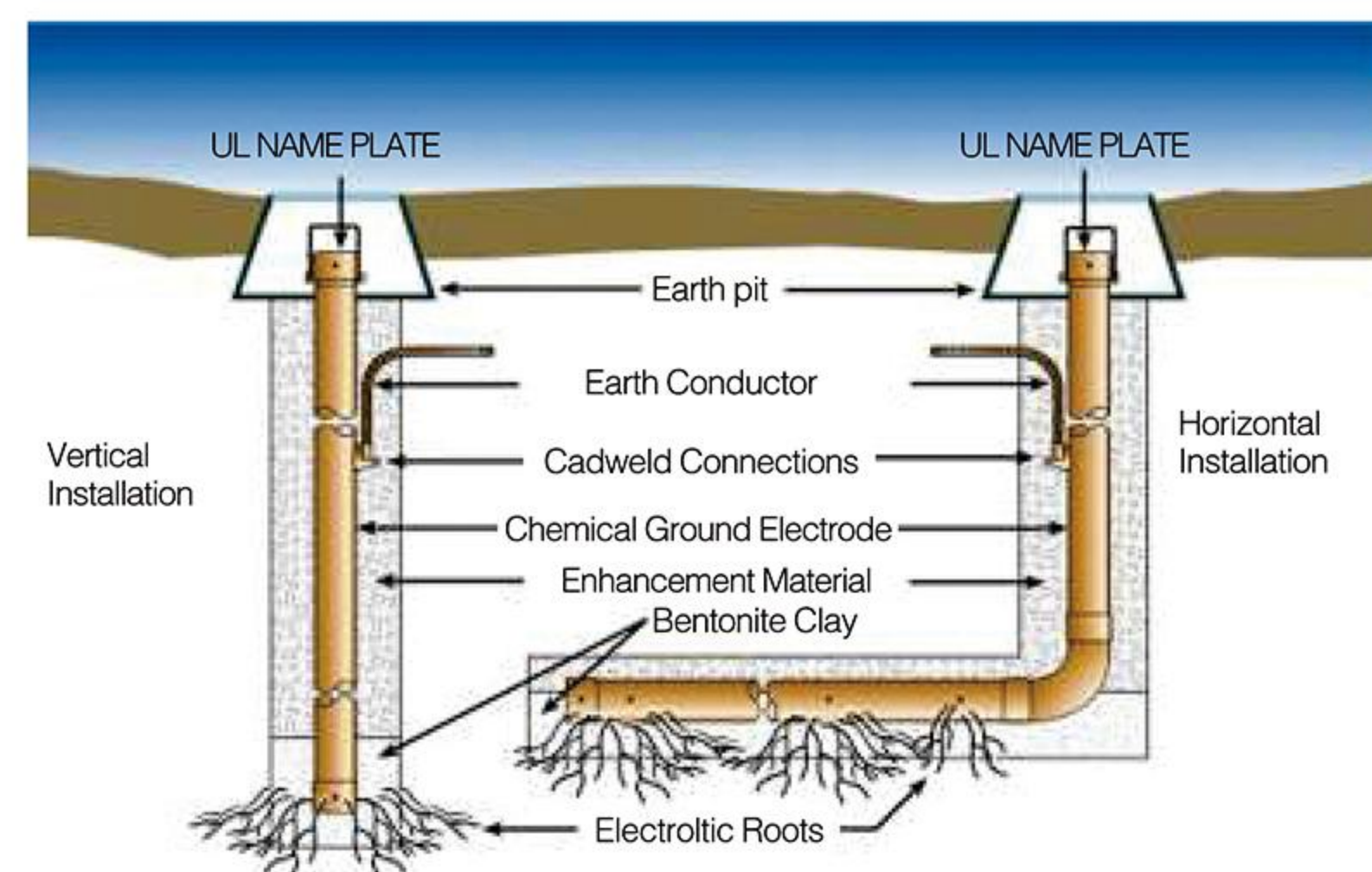
Chemical earth rods provide a low impedance earth to effectively dissipate lightning and electrical fault currents. The chemical earth rod is ideal for installation in locations where space restrictions exist.

Characteristics

1. The chemical earth rod contains an ion rich crystalline mixture that when triggered by inherent air moisture will start the release of free ions into soil. This continuously feeding of moisture and free ions to the surrounding soil will ensure the soil remains at a highly conductive state thus achieving a reliable low resistance of ground.
2. The main body of the chemical earth rod is manufactured from high corrosion resistance copper alloy tubes to ensure maximum conductivity and prolonged service life.
3. The special design of soil to rod interface expands and contracts soil according to weather conditions and surrounding environmental fluctuations. This enables the rod to maintain contact with the surrounding soil and ensure a proper moisture level regardless of fluctuations in weather or environmental condition.
4. The chemical earth rod is ideal for locations of high soil resistivity and dense buildings for its good earthing effect, few occupied space, material-efficient and environmental pollution-free.

Main Technical Parameters

Part N0	Size(mm)	Material	冲击电流 ΔR	PH
SMD-5015	$\Phi 50 \times 1500$	Copper	≤ 1	7 ± 0.5
SMD-5030	$\Phi 50 \times 3000$	Copper	≤ 1	7 ± 0.5
SMD-5515	$\Phi 55 \times 1500$	Copper	≤ 1	7 ± 0.5
SMD-5530	$\Phi 55 \times 3000$	Copper	≤ 1	7 ± 0.5
SMD-6015	$\Phi 60 \times 1500$	Copper	≤ 1	7 ± 0.5
SMD-6030	$\Phi 60 \times 3000$	Copper	≤ 1	7 ± 0.5
SMD-5015T	$\Phi 50 \times 1500$	CopperBond steel	≤ 1	7 ± 0.5
SMD-5030T	$\Phi 50 \times 3000$	CopperBond steel	≤ 1	7 ± 0.5



Earthing Fittings

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Driving Head

Part N0	Suitable for Rod Dia
DH12	12.5mm(1/2")
DH16	16mm(5/8")
DH19	19mm(3/4")

Coupling

Part N0	Length	Suitable for Rod Dia
CC12	60mm	12.5mm(1/2")
CC16	70mm	16mm(5/8")
CC19	70mm	19mm(3/4")

Driving Tip

Part N0	Length	Suitable for Rod Dia
DS12	60mm	12.5mm(1/2")
DS14	60mm	14mm(9/16")
DS16	70mm	16mm(5/8")
DS19	70mm	19mm(3/4")

Rod To Tape And Cable Clamp

Part N0	Rod Dia	Tape Size	Cable Size	Material
RTC35-50	16mm	25x3mm	35-50mm ²	Copper

Rod To Cable Clamp

Part N0	Rod Dia	Tape Size	Cable Size	Material
RCC50-70	16mm	2x70mm ²	1x50mm ²	Copper

Rod To Cable Clamp

Part N0	Rod Dia	Cable Size	Material
RCC2-70	16mm	2x75mm ²	Copper



Lightning Protection

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Air Rod



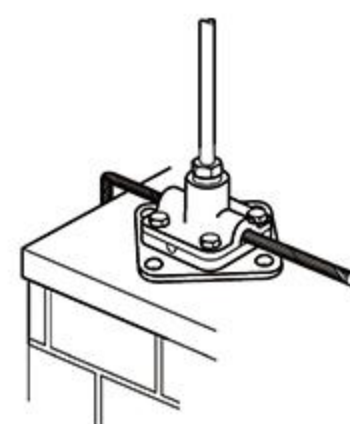
Part No.	Rod Length mm	Rod Dia. mm	Thread Dia. mm	Material
CAR0314	300	14	5/8"	Copper
CAR0514	500	14	5/8"	Copper
CAR1014	1000	14	5/8"	Copper
CAR1514	1500	14	5/8"	Copper
CAR2014	2000	14	5/8"	Copper
CAR0315	300	15	16	Copper
CAR0515	500	15	16	Copper
CAR1015	1000	15	16	Copper
CAR1515	1500	15	16	Copper
CAR2015	2000	15	16	Copper
CAR0315A	300	15	16	Aluminium
CAR0515A	500	15	16	Aluminium
CAR1015A	1000	15	16	Aluminium

Air Rod Base



Part No.	Rod Dia. mm	Thread Dia. mm	Max Conductor width mm	Material
DC314	14	16(5/8")	25	Copper/brass
DC515	15	16	25	Copper/brass
DC314	14	16(5/8")	25	Aluminium
DC515	15	16	25	Aluminium

Air Rod Cable Saddle



Part No.	Conductor size (mm ²)	Thread size	Material
ARCS50	50	M16	Copper
ARCS70	70	M16	Copper
ARCS95	95	M16	Copper

These saddles are used to support the copper tape pointed air rods on flat roof surfaces.

Lightning Protection

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Air Rod

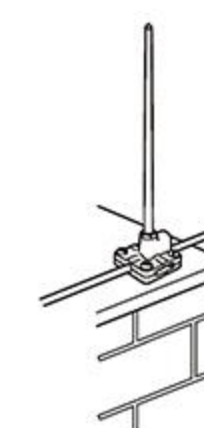


Part No.	Thread size	Length	Material
ARC500	M10	500mm	Copper
ARC1000	M10	1000mm	Copper

These air rods are used as part of the lightning protection system. They are manufactured from 10mm diameter rod and are supplied with a locknut.

Multi-Purpose Air Rod Saddle

For use with Copper Air Rods.ces.



Part No.	Thread size	Tape size	Material
ARS253-10	M10	25 x 3	Copper

The saddles are suitable for use with 8mm diameter solid circular conductor as well as 25 x 3mm flat tape.

Taper Pointed Air Rod



Part No.	Thread size	Rod length	Material
ARTP300	M16	300	Copper
ARTP500	M16	500	Copper
ARTP1000	M16	1000	Copper
ARTP1500	M16	1500	Copper
ARTP2000	M16	2000	Copper

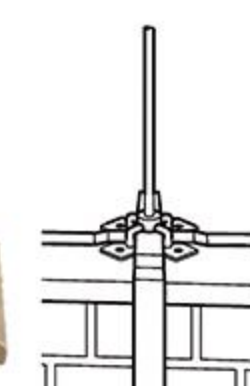
Air Rod Ridge Saddle



Part No.	Thread size	Material
ARS16R	M16	Copper

Ridge saddle is used to support air rod on roof ridge.
For use with copper air rod.

Flat Air Rod Saddle



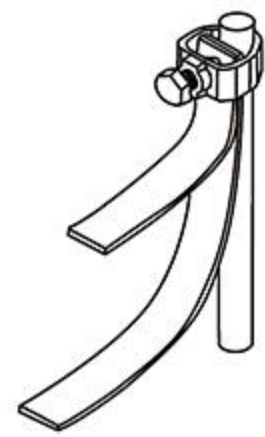
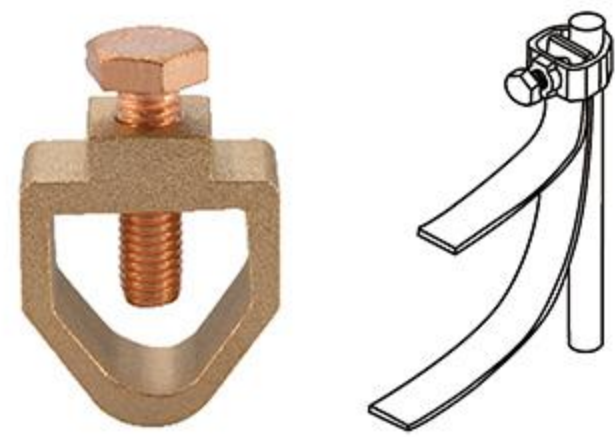
Part No.	Thread size	Material
ARS16F	M16	Copper

Flat saddle is used to support air rod on flat roof surface.
For use with copper air rod.

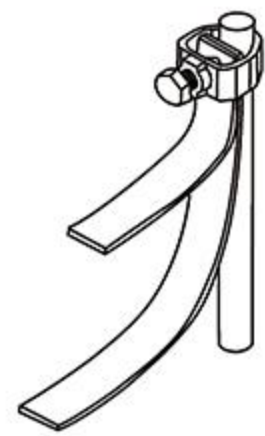
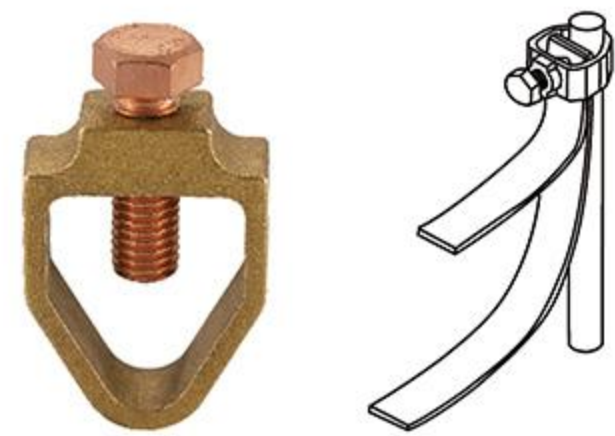
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Rod To Tape Clamp

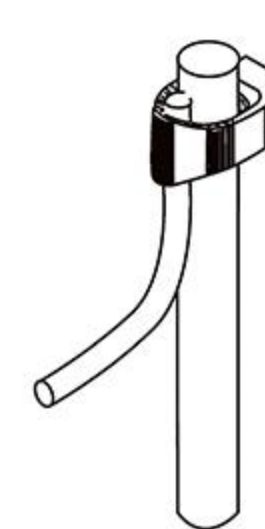
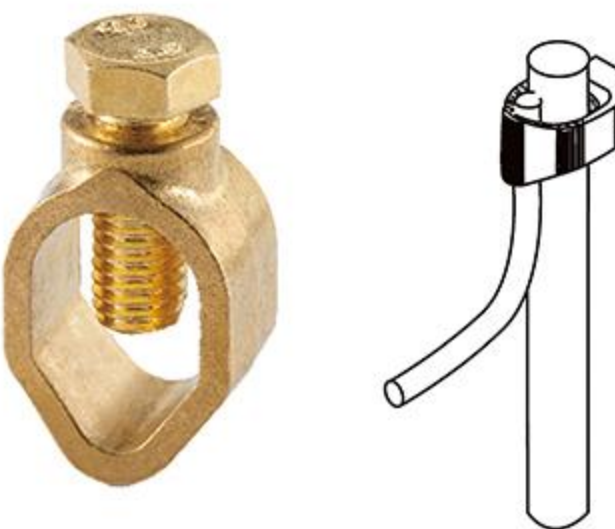


Part N0	Nominal rod diameter		Max.conductor	Weight each
	Inch	mm		
RTC10A	1/2"	12.7mm	26x12mm	0.129kg
RTC10A	5/8"	16mm	26x12mm	0.129kg
RTC10A	3/4"	20mm	26x10mm	0.129kg

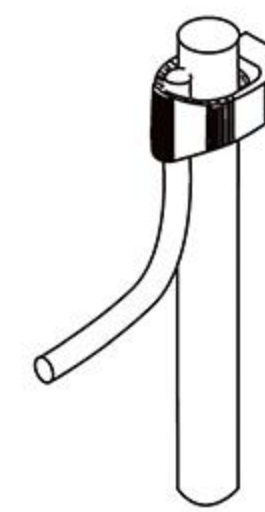
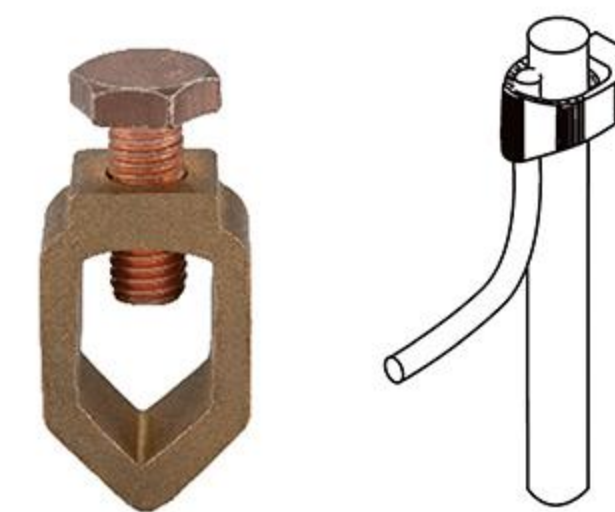


Part N0	Nominal rod diameter		Max.conductor	Weight each
	Inch	mm		
RTC10B	1/2"	12.7mm	26x12mm	0.084kg
RTC10B	5/8"	16mm	26x12mm	0.084kg
RTC10B	3/4"	20mm	26x10mm	0.084kg

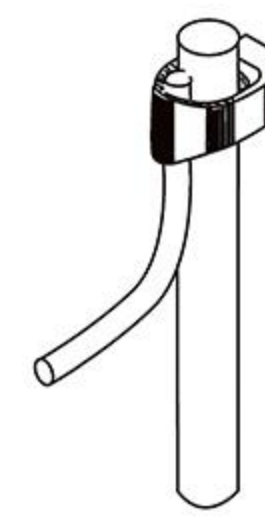
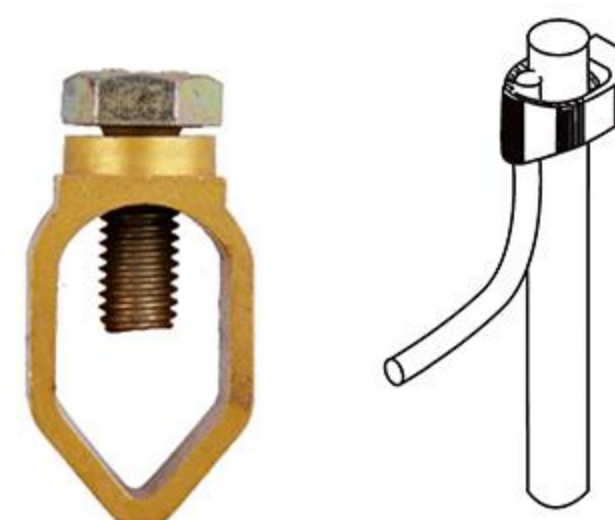
Rod To Cable Clamp



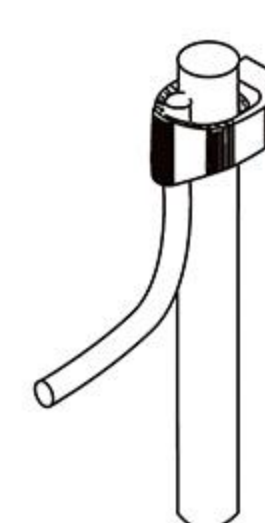
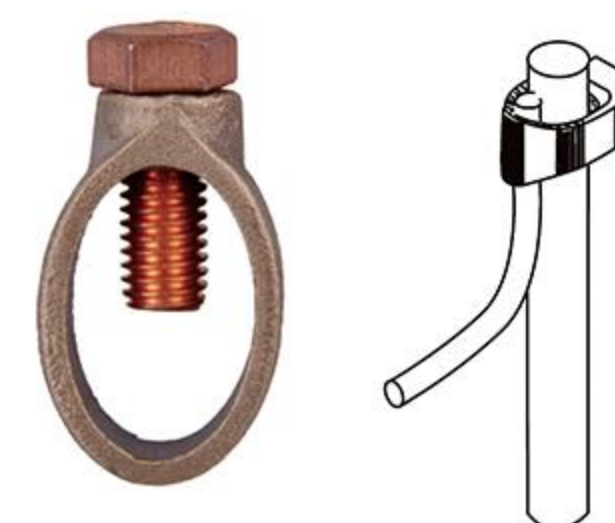
Part N0	Nominal rod diameter		Max.conductor	Weight each
	Inch	mm		
RCC09A	3/8"	9.5mm	6-35mm ²	
RCC12A	1/2"	12.7mm	16-50mm ²	0.039kg
RCC16A	5/8"	16mm	16-70mm ²	0.058kg
RCC20A	3/4"	19mm	35-95mm ²	0.080kg



Part N0	Nominal rod diameter		Max.conductor	Weight each
	Inch	mm		
RCC16B	5/8"	16mm	16-70mm ²	0.088kg



Part N0	Nominal rod diameter		Max.conductor	Weight each
	Inch	mm		
RCC16C	5/8"	16mm	16-70mm ²	0.051kg
RCC20C	3/4"	20mm	35-95mm ²	0.051kg
RCC25C	1"	25mm	70-120mm ²	0.092kg

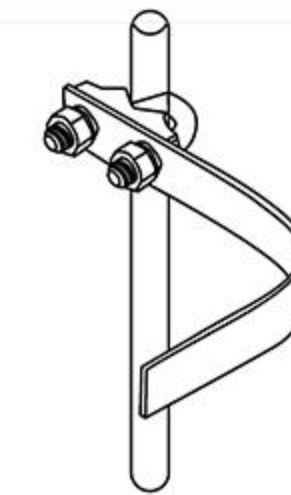


Part N0	Nominal rod diameter		Max.conductor	Weight each
	Inch	mm		
RCC16D	5/8"	16mm	16-70mm ²	0.0321kg

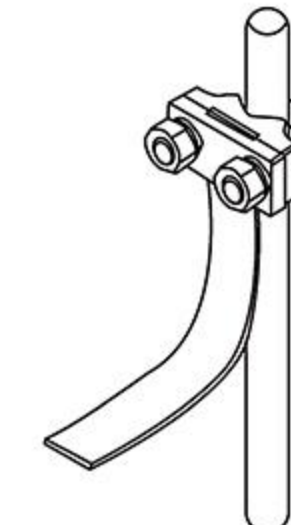
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Earthing Fittings

U-Bolt Rod To Tape Clamp(Single Plate)

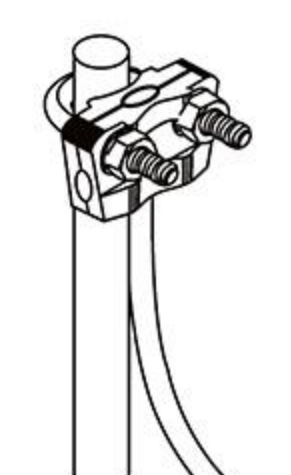


Part N0	Hole centres(mm)	Dod Dia(in.:mm)	Weight (kg)
URC-1-16	37	5/8":16	0.196kg
URC-1-20	37	3/4":20	0.21kg



U-Bolt Rod To Tape Clamp(Double Plates)

Part N0	Hole centres(mm)	Dod Dia(in.:mm)	Weight (kg)
URC-2-16	25	5/8":16	0.30kg
URC-2-20	25	3/4":20	0.34kg



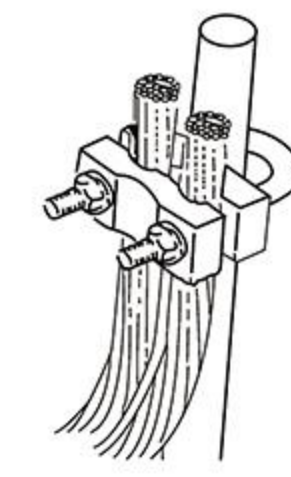
U-Bolt Rod To Cable Clamp

Part N0	Dod Dia(in.:mm)	Conductor(mm ²)	Weight (kg)
URCC12	1/2":12.7	6-35	0.183kg
URCC16	5/8":16	16-70	0.35kg
URCC70	3/4":20	70-185	0.35kg

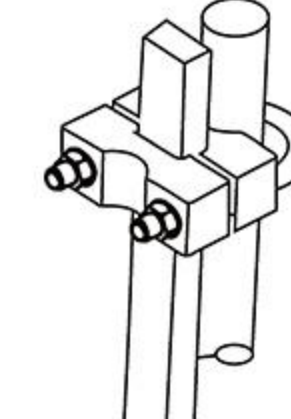


U-Bolt Rod To Cable Clamp

Part N0	Dod Dia(in.:mm)	Conductor(mm ²)	Weight (kg)
URCC140	5/8":16	16-95	0.33kg
URCC160	3/4":20	16-70	0.33kg



UC301



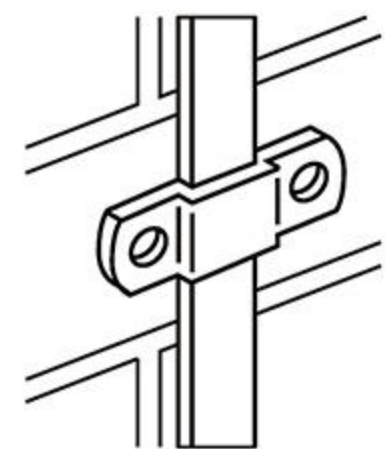
UC308

U-Bolt Rod Clamp

Part N0	Dod Dia(in.:mm)	No.of Conductors	Conductor Size	No.of Copper Tape
UC301	16mm(5/8")-19mm(3/4")	1	50-95mm ²	-
UC302	16mm(5/8")-19mm(3/4")	2	50-70mm ²	-
UC303	16mm(5/8")-19mm(3/4")	3	50-70mm ²	-
UC304	16mm(5/8")-19mm(3/4")	5	50-70mm ²	-
UC305	16mm(5/8")-19mm(3/4")	3	50-70mm ²	-
UC306	16mm(5/8")-19mm(3/4")	2	70-120mm ²	-
UC307	16mm(5/8")-19mm(3/4")	1	70-120mm ²	25x3mm
UC308	16mm(5/8")-19mm(3/4")	-	-	25x3mm

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Copper Tape Clip

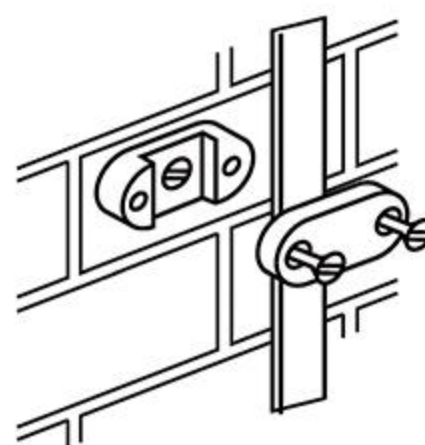
Part N0	Copper Tape Size(mm)	Material
TCC203	20x3	Copper/brass
TCC253	25x3	Copper/brass

For use with bare copper and PVC covered copper tape

Aluminium Tape Clip

Part N0	Copper Tape Size(mm)	Material
TCA203	20x3	Aluminium
TCA253	25x3	Aluminium

For use with bare aluminium and PVC covered aluminium tape



DC Tape Clamp

Part N0	Tape Size mm	Material
ADC203	20x3	Aluminium
ADC253	25x3	Aluminium
ADC506	50x6	Aluminium

For use with bare aluminium and PVC covered aluminium tape

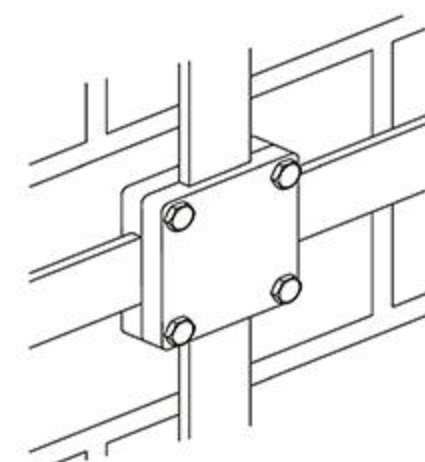
DC Tape Clamp

Part N0	Tape Size mm	Material
CDC203	20x3	Copper/brass
CDC253	25x3	Copper/brass
CDC305	60x5	Copper/brass
CDC404	40x4	Copper/brass
CDC504	50x4	Copper/brass

For use with bare copper, PVC covered copper and lead covered copper tape

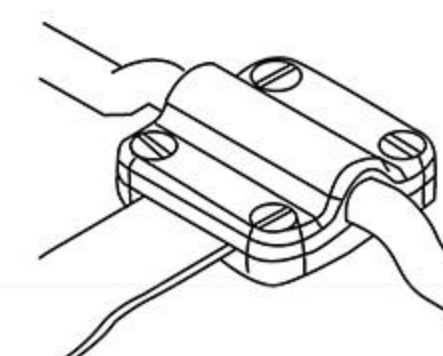
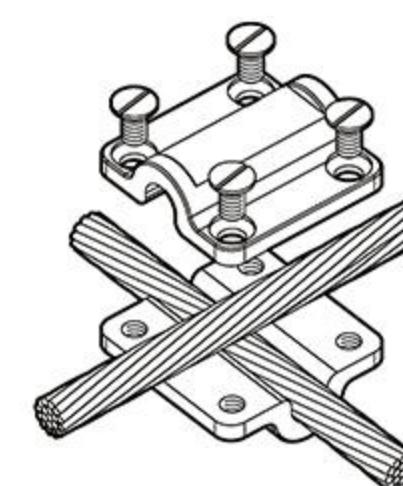
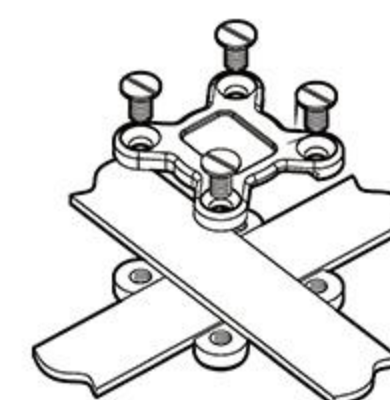
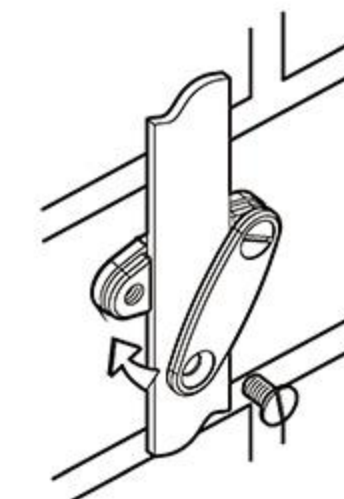
Square Tape Clamp

Part N0	Tape Size mm	Material
ASC253	25x3	Aluminium
CSC253	25x3	Copper/brass
CSC256	25x6	Copper/brass
CSC303	30x3	Copper/brass
CSC506	50x6	Copper/brass



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Swing Lid DC Tape Clip

Part N0	Tape Size(mm ²)	Material
SLDC253	25x3	Copper/Aluminium
SLDC256	25x6	Copper/Aluminium

DC tape clips manufactured from high quality copper and aluminium alloys for excellent corrosion resistance and high pull off loads.

Square Tape Clamp

Part N0	Tape Size(mm ²)	Material
STC253	25x3	Copper/Aluminium
STC256	25x6	Copper/Aluminium
STC506	50x6	Copper/Aluminium

Manufactured from high quality copper and aluminium alloys. Simple to install, providing an effective low resistance connection between overlapping tapes to allow cross, tee, through and right angle joints to be formed.

Square Conductor Clamp

Part N0	Conductor Size (mm ²)	Material
SCL50	50	Copper
SCL70	70	Copper
SCL95	95	Copper
SCL120	120	Copper

Manufactured from high quality copper and aluminium alloys. Simple to install, providing an effective low resistance connection between overlapping tapes to allow cross, tee, through and right angle joints to be formed.

Cable To Tape Square Clamp

Part N0	Tape Size (mm)	Conductor Range (mm ²)	Material
SCC25350	25x3	50	Copper/brass
SCC25370	25x3	70	Copper/brass
SCC25395	25x3	95	Copper/brass

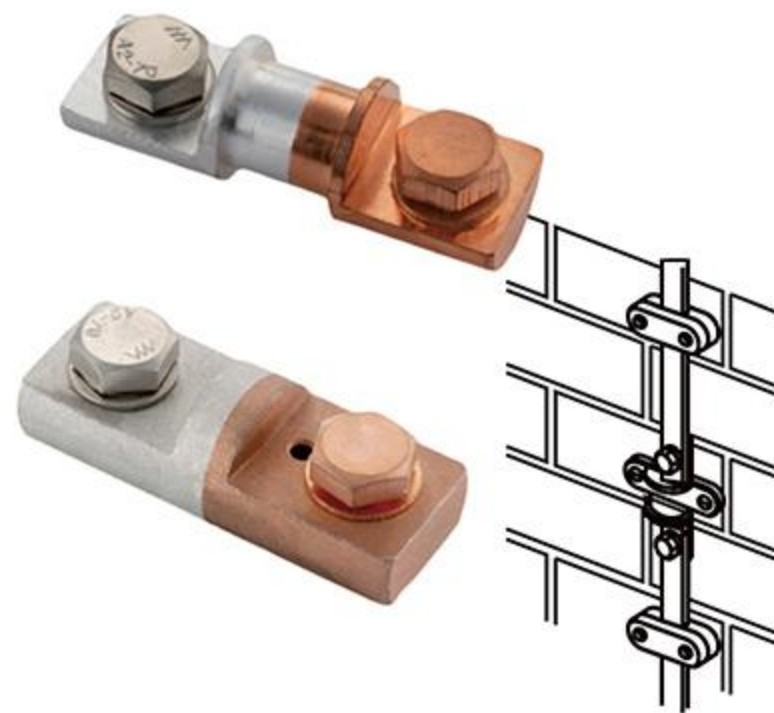
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Bi-Metallic Connector

Part N0	Tape Size(mm)
BMC253A	25x3mm Aluminium Tape to 25x3mm Copper Tape
BMC253B	25x3mm Aluminium Tape to 25x3mm Copper Tape

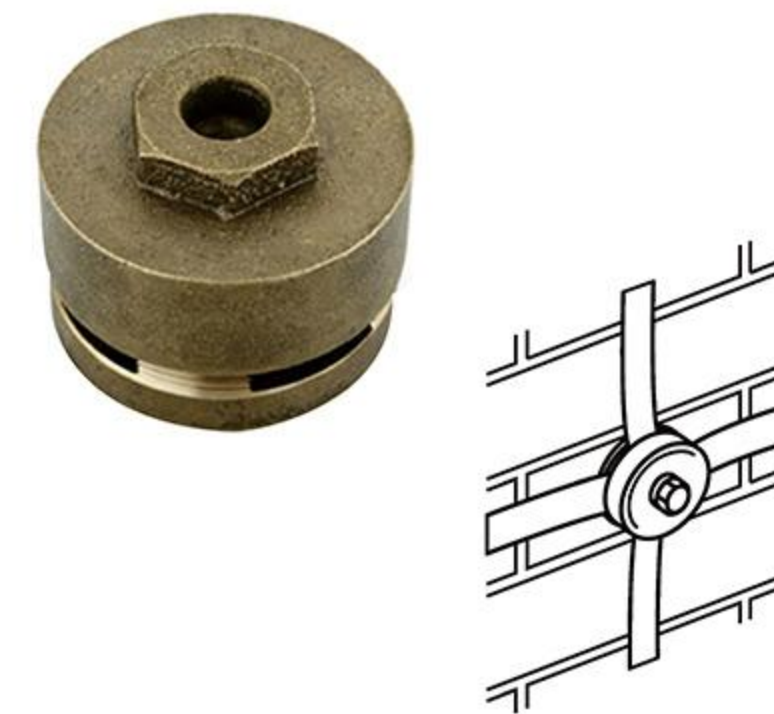
For joining aluminium to copper.
Particularly useful where an aluminium lightning protection system needs to be earthed using copper.
Recommended fixing—countersunk woodscrew 1 1/2" x no.1 0 and wall plug.



Screw Down Test Clamp

Part N0	Max. Conductor Size(mm)	Material
SDTC253	26x8	Copper/brass

Recommended fixing—countersunk woodscrew 1 1/2"x no.1 0 and wall plug.



Oblong Test or Junction Clamp

Part N0	Max. Conductor Size(mm)	Material
OTCA253	26x8	Aluminium
OTCC253	26x8	Copper/brass

For straight through tape joints.

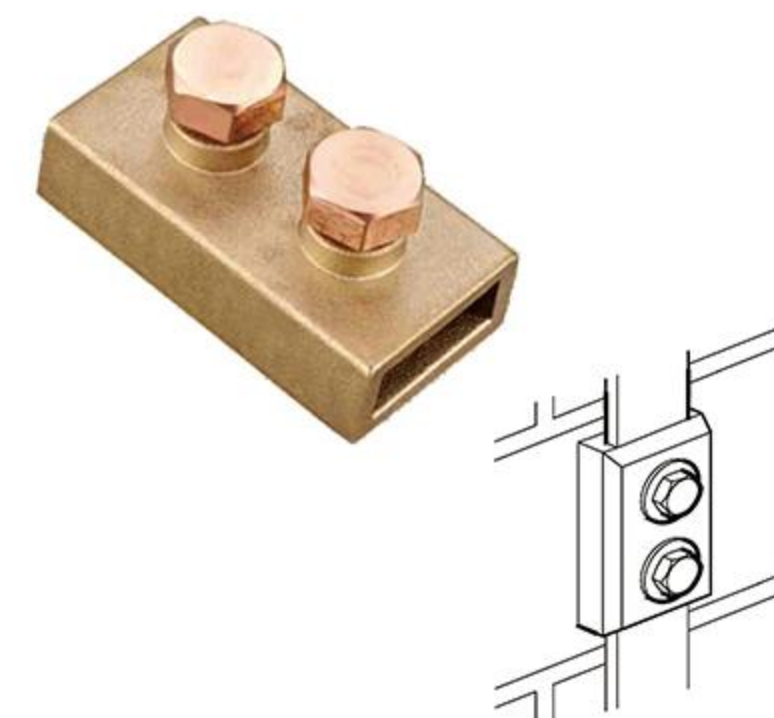
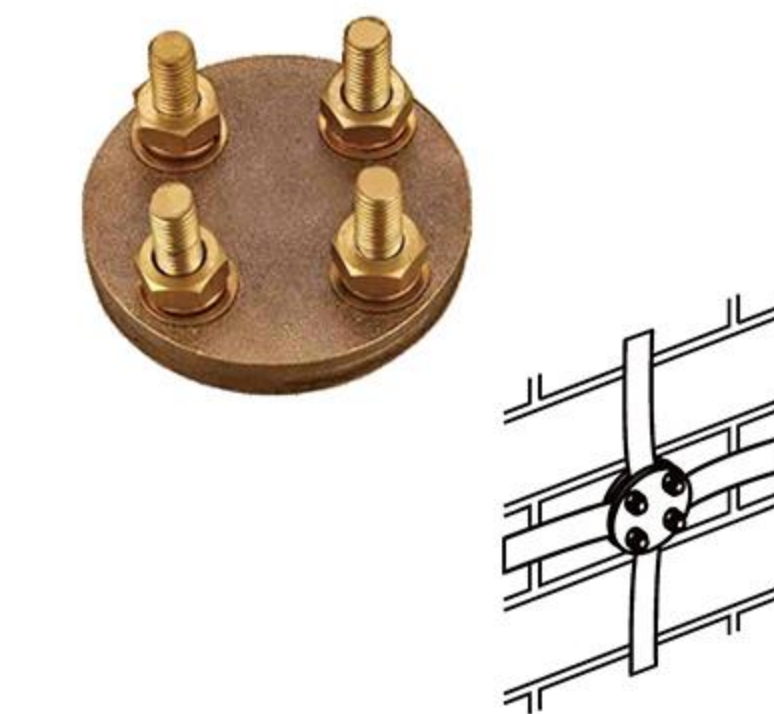


Plate Test Clamp

Part N0	Max. Conductor Size(mm)	Material
PTC253	26x12	Copper/brass

Recommended fixing—countersunk woodscrew 1 1/2"x no.1 0 and wall plug.

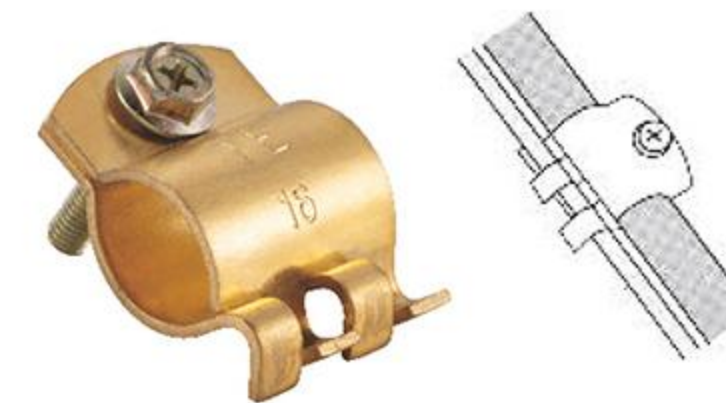


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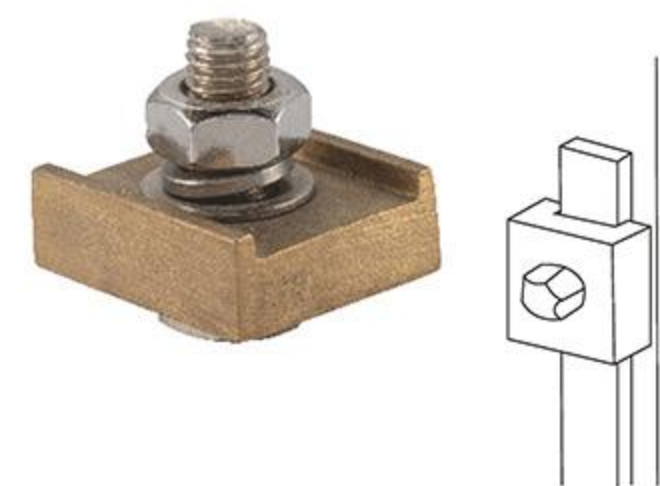
Brass Cable Clip

Part N0	Rod Dia(mm)	Conductor mm ²	Material
BCC13	13	6–16	Copper
BCC16	16	6–16	Copper



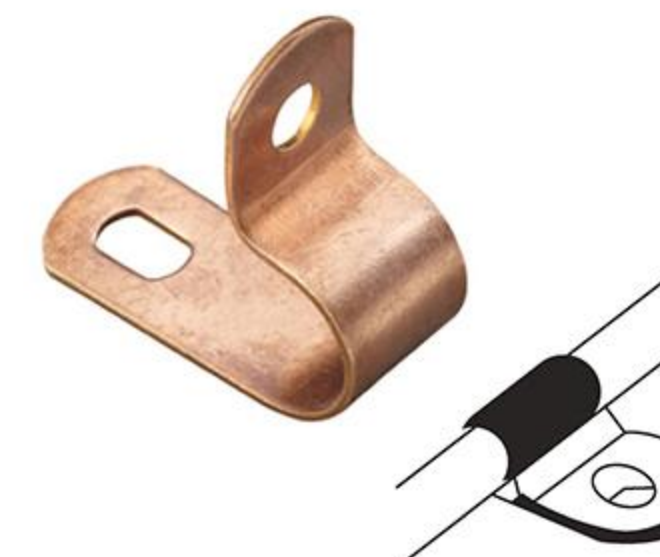
B Bond Clamp To Tap

Part N0	Conductor mm	Material
BBC	25x3	Brass
BBA	25x3	Aluminium



One Hole Cable Clip

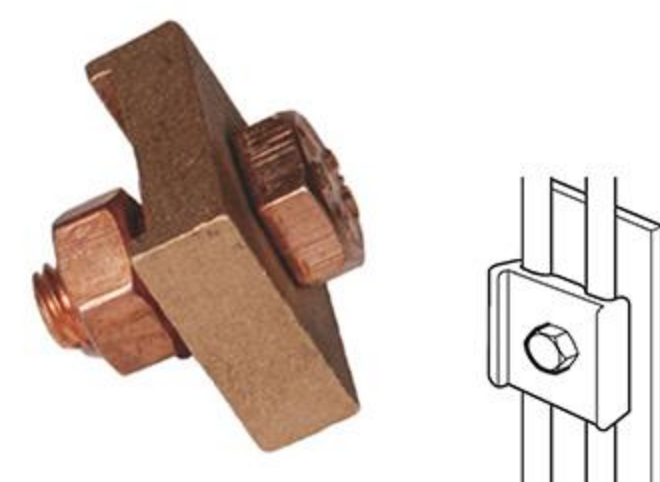
Part N0	Conductor mm	Material
OH50	50	Copper
OH70	70	Copper
OH95	95	Copper



Multi-Purpose "B" Bonds

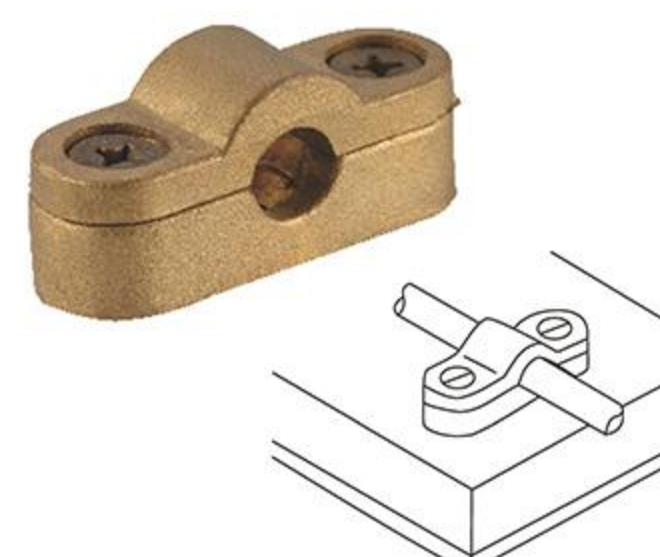
Part N0	Conductor size(mm)	Material
MP253–8	Φ8 & 25x3	Copper/Aluminium

For use with Copper Conductor



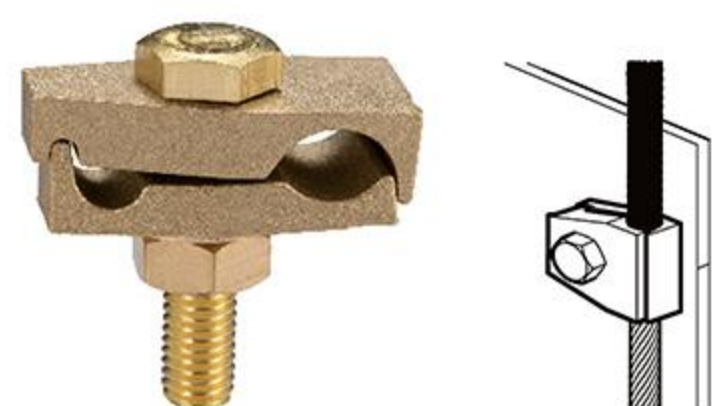
Heavy Duty Cast Cable Saddle

Part N0	Dod Dia(in.:mm)	Conductor mm ²	Material
HDCS50	50	Bare copper	Brass
HDCS70	70	Bare copper	Brass
HDCS95	95	Bare copper	Brass
HDCS08	8mmDIA	Bare copper	Brass



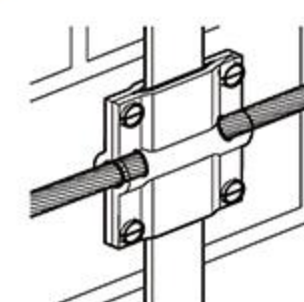
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Tower Earth Clamp

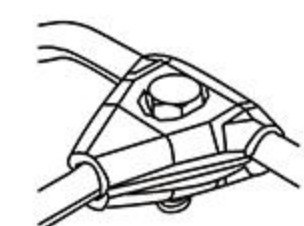
Part N0	Conductor mm	Material
TEC1670	16-70	Brass
TEC7012	70-120	Brass
TEC12185	120-185	Brass



Cable to Tape Connectors

Part N0	Cable Size	Conductor size(mm)	Material
CTC50	50mm ²	25x3mm	Copper
CTC70	70mm ²	25x3mm	Copper
CTC95	95mm ²	25x3mm	Copper
CTC08	8mm ²	25x3mm	Copper

For use with copper conductor



Tee Clamp

Part N0	Conductor Dia.(mm)	Material
TC08	8	Copper/brass

"MV" Clamps

These wallis four-way connectors are suitable for crossing over, making straight joints and tee connections in solid circular conductor.



Part N0	Conductor Size	Material
MVC08	8	Copper/brass

For use with bare solid circular copper conductor

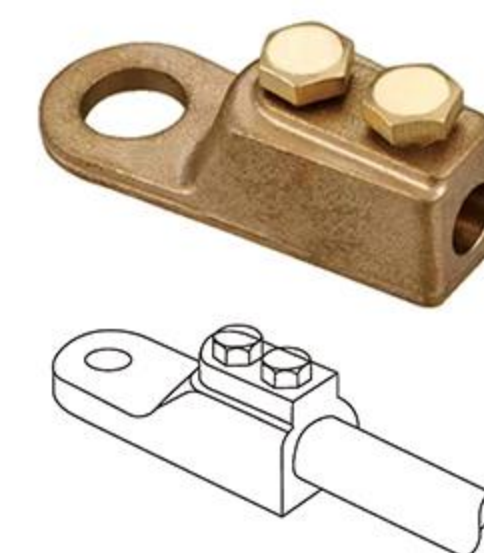


Part N0	Conductor Size	Material
MVA08	8	Aluminium

For use with Bare Solid Circular Aluminium Conductor

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Earthing Fittings

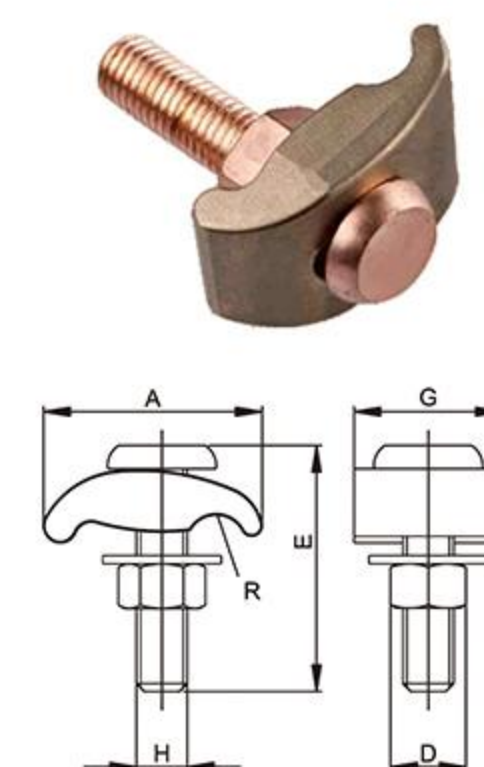


Straight Setscrew Type Cable Socket

For bonding copper and aluminium conductors to steelwork

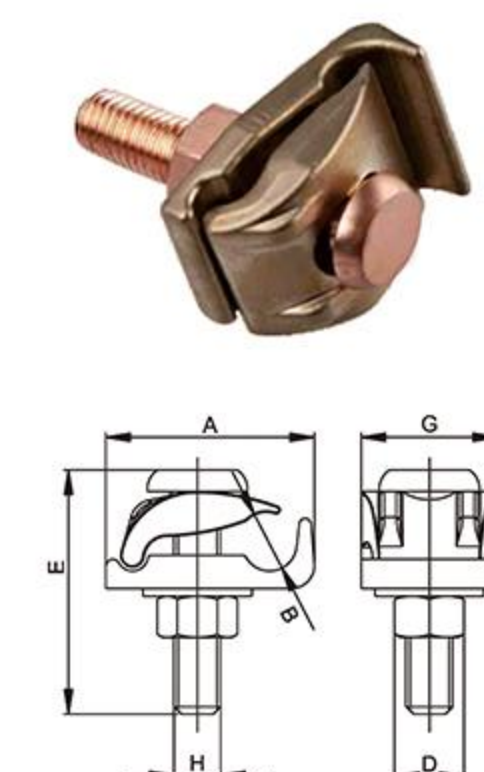
Tightening torque 3Nm

Part N0	Conductor Size(mm)	Palm Hole Diameter(mm)	Conductor Material	Weight Each(kg)
BSx450	Φ8	12	Copper	0.11
BSx455	Φ8	12	Aluminium	0.05



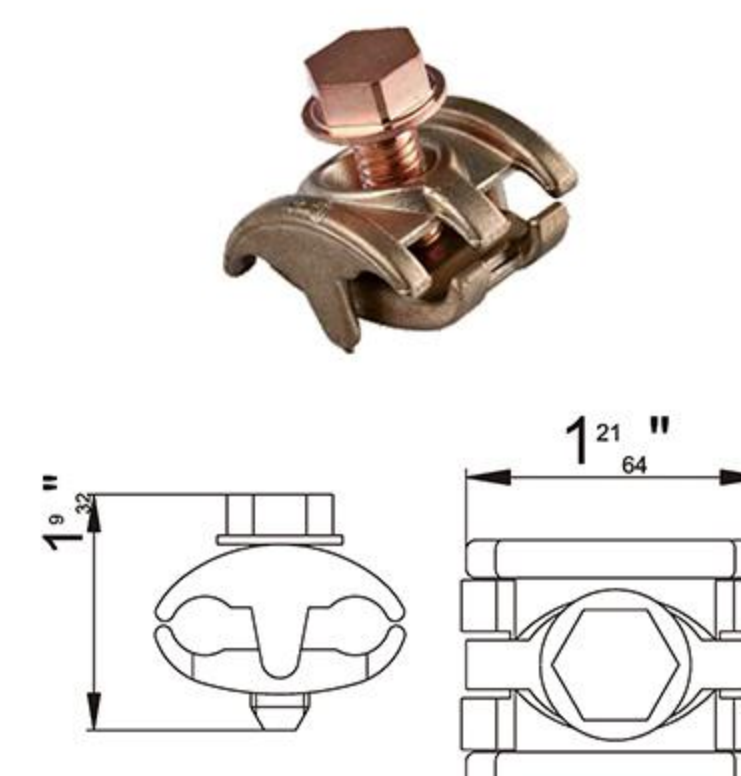
Tower Earth Clamp

CAT. N0	Conductor Range					DIMENSION(IN)						
	MAX.	MIN.	MAX. (mm ²)	MIN. (mm ²)	Channel Thickness	A	B	D	E	G	H	R
BGTC13	2/0 str	4# sol	67.4	21.1	1/4	1 15/32	-	9/16	1 21/32	1 13/32	3/8	7/32
BGTC14	250 kcmil	2/0 str	126.6	67.4	1/4	1 15/16	-	3/4	1 15/16	1 13/32	1/2	5/16



Tower Earth Clamp

CAT. N0	Conductor Range					DIMENSION(IN)						
	MAX.	MIN.	MAX. (mm ²)	MIN. (mm ²)	Channel Thickness	A	B	D	E	G	H	R
BGTC23	2/0 str	4# sol	67.4	21.1	1/4	1 15/32	7/16	9/16	1 21/32	1 3/32	3/8	-
BGTC24	250 kcmil	2/0 str	126.6	21.1	1/4	1 15/32	5/8	3/4	1 15/16	1 3/8	1/2	-



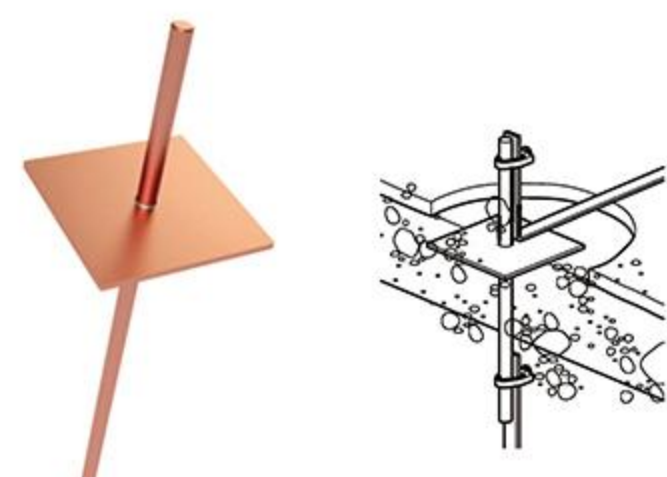
Tower Earth Clamp

Part N0	Wide Range (2 Sides)	Height	Width	Depth	Nut(Flats)
BCTG250	#2 Sol.(258.Dia) 250kcmil(575Dia)	1.95	2.00	1.13	0.56

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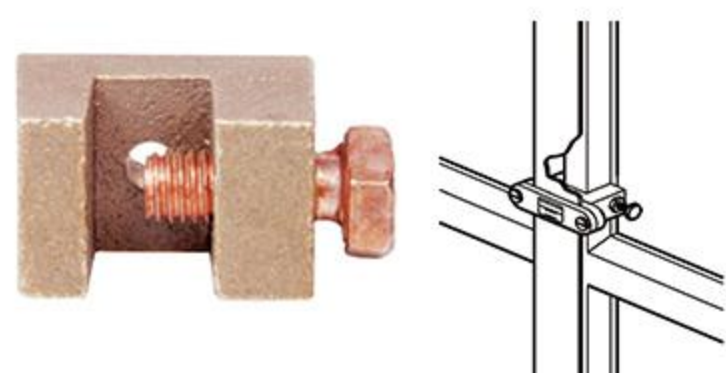
Puddle Flange



Part N0	Tape size W×W×L(mm)	Material
PF156	150x150x600	Copper

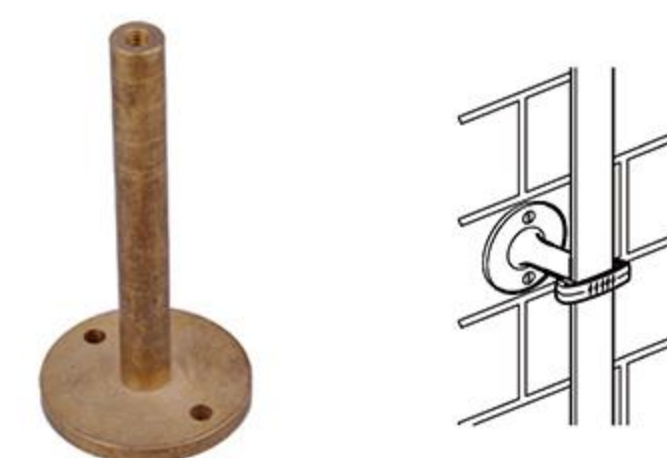
For use with Copper Conductor

Glazing Bar Holdfast



Part N0	Max. Glazing Bar Width(mm)	Material
GBH12	12	Copper

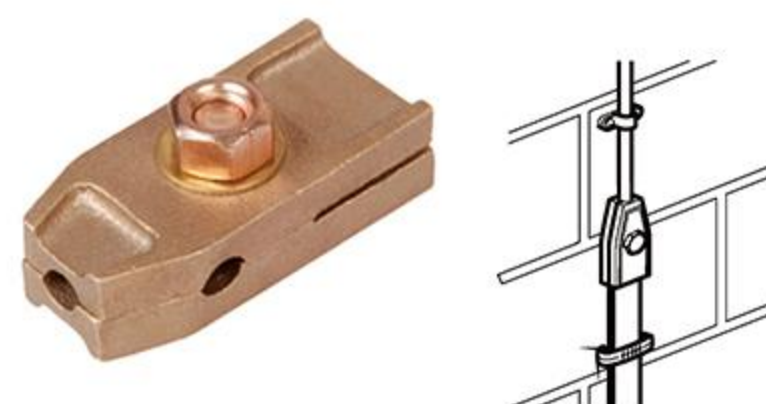
For use with Copper Tapes



Back Plate Holdfast

Part N0	Tape size (mm)	Material
BPHS10	25x3	Copper

For use with Copper Tapes



Enterprise Test Clamp

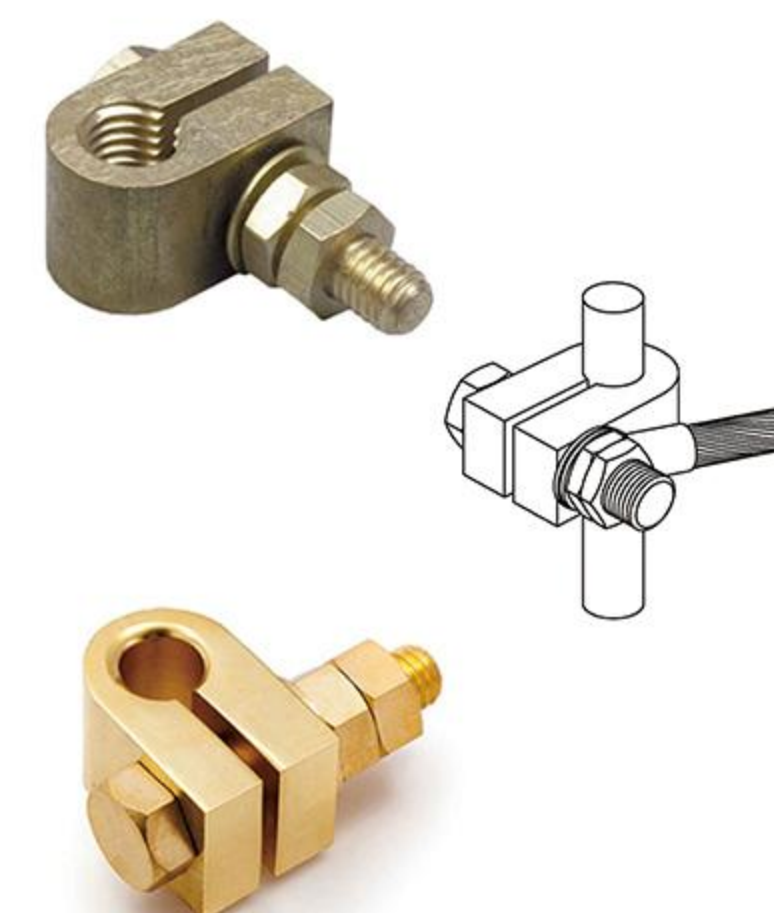
Part N0	Conductor Dia(mm)	Tape Size(mm)	Material
ITC08	8	25x3	Copper

Copper test clamps are used to form a disconnecting joint between either conductor(8mm+0.8mm dia)or 25 x 3mm tape.

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Split Connector Clamp



Part N0	Rod Shank Dia.(mm)	Material
SCC58	5/8"	Copper
SCC34	3/4"	Copper

For use with Copper bond Earth Rods (on rod thread)

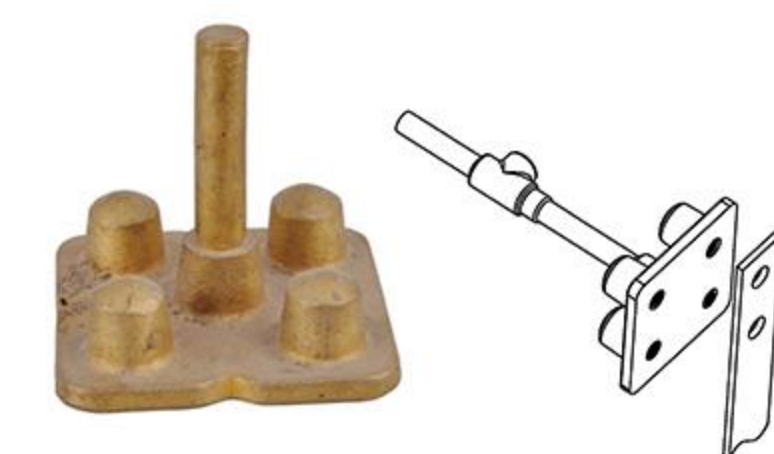
Part N0	Rod Shank Dia.(mm)	Material
SCC095	9.5	Copper
SCC142	14.2	Copper

For use with Copper bond Earth Rods (on rod shank)

Part N0	Rod Shank Dia.(mm)	Material
SCC15	15	Copper
SCC16	16	Copper
SCC20	20	Copper

For use with solid Copper &stainless steel Earth Rods (on rod shank)

Four-Holes Earth Point



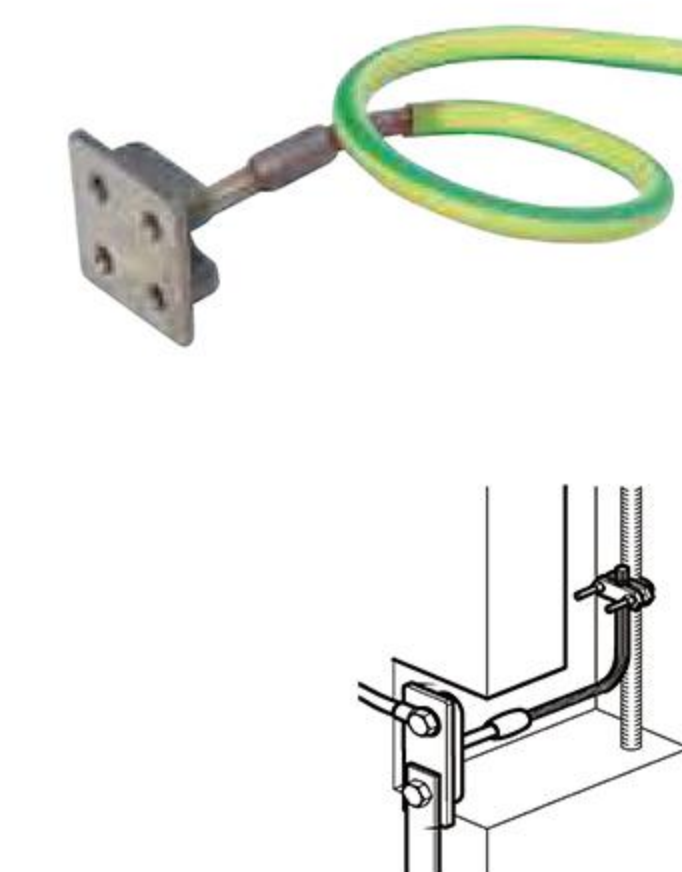
Part N0	Hole size(mm)	Length(mm)	Tape size(mm)	Material
EP4253	M8x15	55	25x3	Copper
EP4256	M8x15	60	25x6	Copper

Two-Holes Earth Point



Part N0	Hole Size (mm)	Material
EP2	M8	Copper

Earth Bonding Points With Pre-Welded Tail

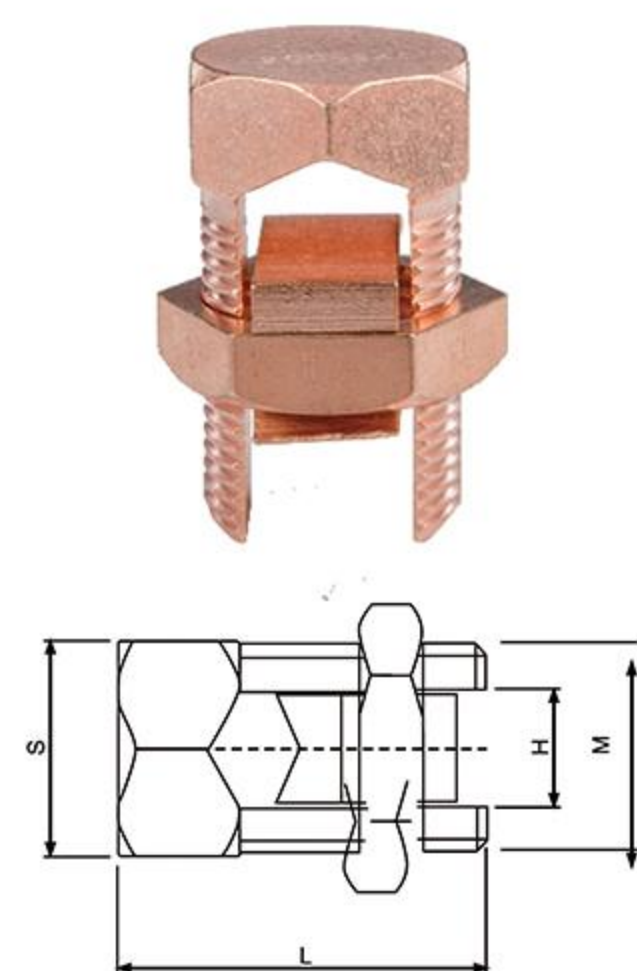


Part N0	No.Holes	Type data
EP2-500	2	EP 02 with pre-welded 500mm long tail of 70mm ² PVC insulated cable
EP2-1000	2	EP 02 with pre-welded 1000mm long tail of 70mm ² PVC insulated cable
EP2-1500	2	EP 02 with pre-welded 1500mm long tail of 70mm ² PVC insulated cable
EP4-500	4	EP 04 with pre-welded 500mm long tail of 70mm ² PVC insulated cable
EP4-1000	4	EP 04 with pre-welded 1000mm long tail of 70mm ² PVC insulated cable
EP4-1500	4	EP 04 with pre-welded 1500mm long tail of 70mm ² PVC insulated cable

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High Strength Split Bolted Connector



Part NO	Applicable conductor (mm ²)	Dimensions(mm)				Weight (kg)
		L	M	H	S	
T/J-16	16	26	10 x 1	5.3	13.9	0.023
T/J-25	25	29	14 x 1.5	7	18.5	0.034
T/J-35	35	34	18x1.5	8	20.8	0.057
T/J-50-70	50-70	42	24x2	12	27.7	0.108
T/J-90-120	90-120	50	24x2	14.5	30	0.142
T/J-150-185	150-180	63	24x2	18	34.6	0.250
T/J-200-240	200-240	72	31 x 2.5	20	32	0.301

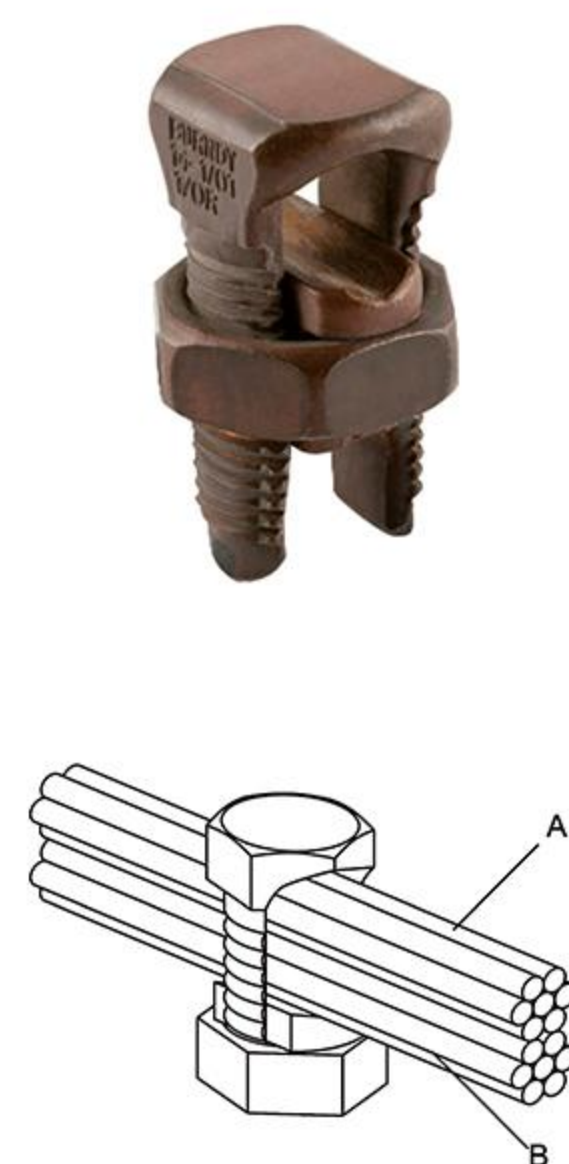
Material : Brass

Surface : Tin Plated or Copper Plated on request.

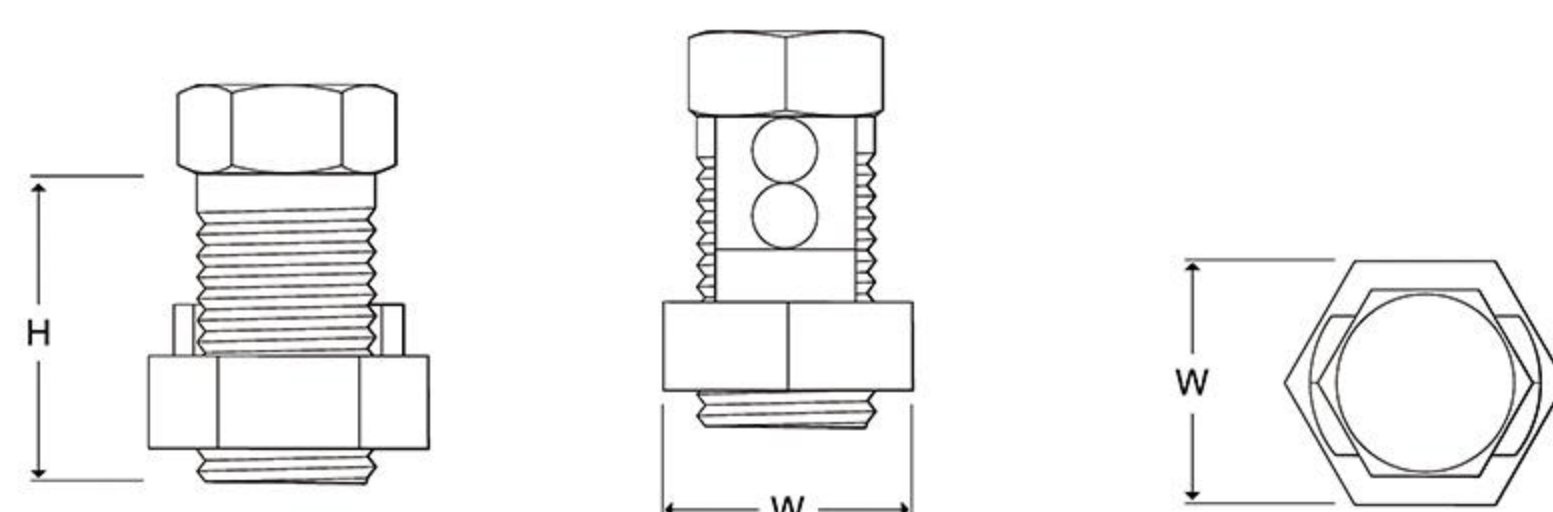
It is used to branch or connect aerial hard copper conductor or insulated copper conductor.

High Strength Split Bolted Connector

The high strength split bolt connectors will accept a wide range of stranded copper conductors. No specialist tools are required for installation.



Part NO	Main Conductor A(mm ²)	Tap Conductor B(mm ²)	H mm	W mm	Weight (kg)
SBC 10	10	1.5-10	20	4.1	0.02
SBC 16	16	2.5-16	23	5.3	0.03
SBC 25	25	2.5-25	28	6.8	0.04
SBC 35	35	2.5-35	29	7.9	0.05
SBC 50	50	2.5-50	35	9.5	0.08
SBC 70	70	2.5-70	39	10.7	0.12
SBC 95	95	2.5-95	45	13.5	0.15
SBC 120	120	10-120	47	14.7	0.18
SBC 150	150	10-150	51	16.2	0.23
SBC 185	185	50-185	57	17.8	0.35
SBC 240	240	95-240	64	19.0	0.46



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Earthing Fittings

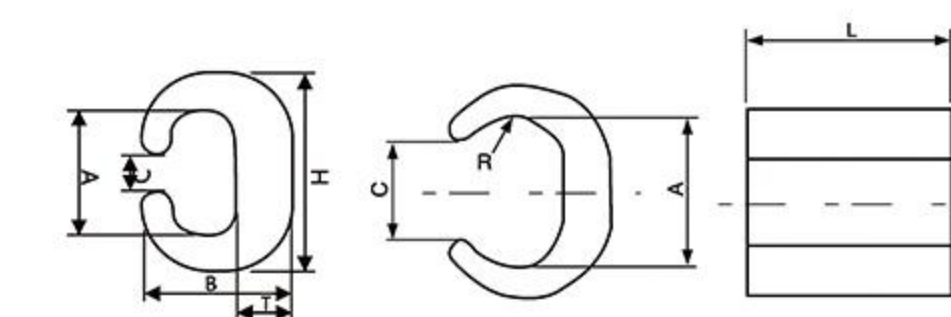
C-Copper Clamp



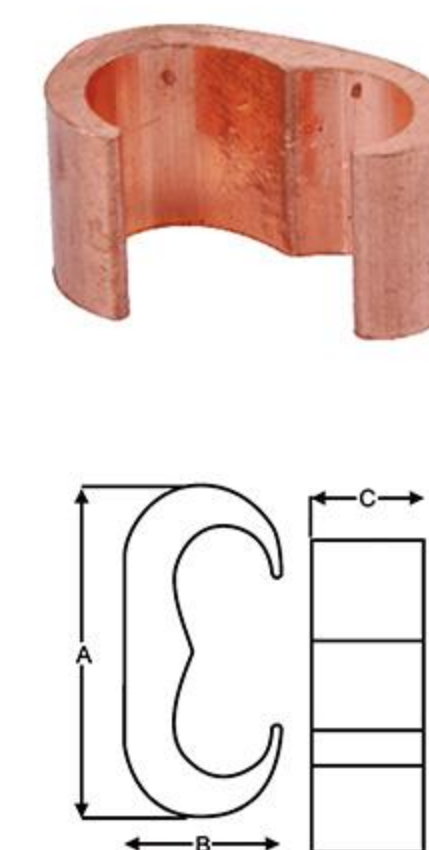
Part No.	Conductor(mm ²)	Dimensions(mm)					
		H	A	B	L	C	T
CCT-10	7.5-14	9.5	6.3	6.2	12	4	1.6
CCT-16	14.5-16	11.8	7.8	7.8	13	5	2
CCT-20	16.5-20	12.8	8.6	9.7	13	5.4	2.9
CCT-26	21-26	14.7	10.2	10.0	16	6.5	3.2
CCT-44	27-44	19	13.4	14.4	20	8.5	4
CCT-60	45-60	21	15.4	15.4	22	9.7	4
CCT-76	61-75	24.4	17.3	17.6	22	10.8	5
CCT-98	77-98	27.8	20.8	18.8	25	12.8	5
CCT-122	99-122	29.8	22.1	21.2	26	13.5	5.5
CCT-154	123-154	34	25.7	24.4	28	17	6
CCT-190	155-190	37	28.5	25.4	35	17.4	6
CCT-240	191-240	40	30.2	28.5	40	19	7

Material : 99.9% Pure copper

Surface : Tin Plating on request.



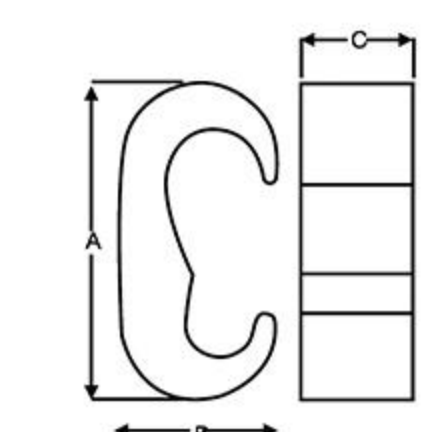
Wide Jaw Connector



Wide Jaw Connectors

Part No.	Conductor Range (mm ²) Run or Tap		Dimensions(mm)		
	Min	Max	A	B	C
CWJC35	10	35	30.0	14.0	19.0
CWJC70	35	70	39.0	19.0	19.0
CWJC120	95	120	52.0	24.0	22.0
CWJC240	150	240	74.0	34.4	28.0

Multifit Connector



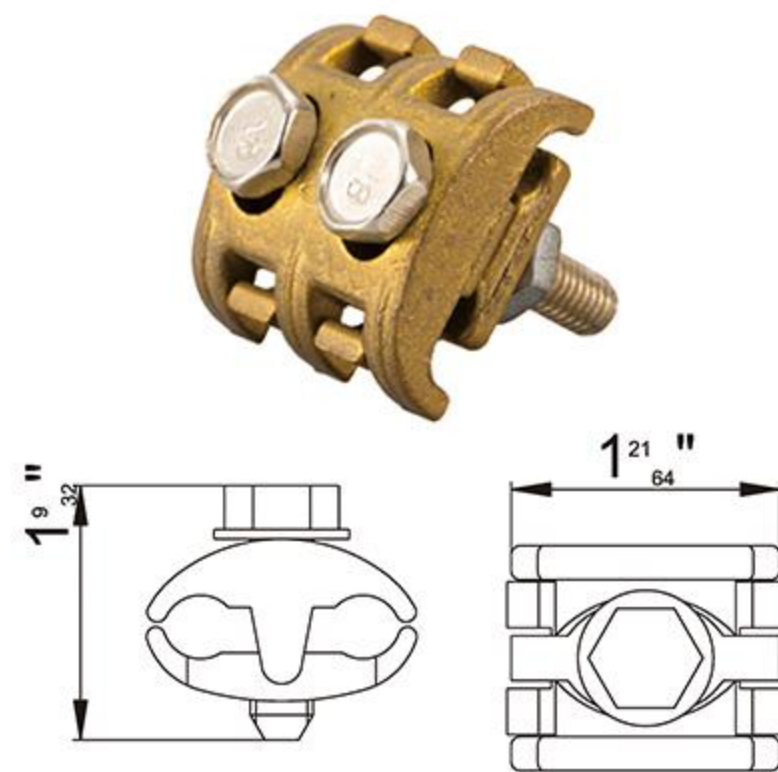
Multifit Connectors

Part No.	Conductor Range (mm ²)				Dimensions(mm)		
	Run		Tap		A	B	C
	Min	Max	Min	Max			
CMC35/70	35	70	10	35	36.0	18.3	19.0
CMC70/120	95	120	10	70	50.0	23.2	19.0
CMC70/240	150	240	10	70	62.0	30.9	22.0
CMC120/240	150	240	95	120	68.0	33.9	28.0

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Jumper Clamp

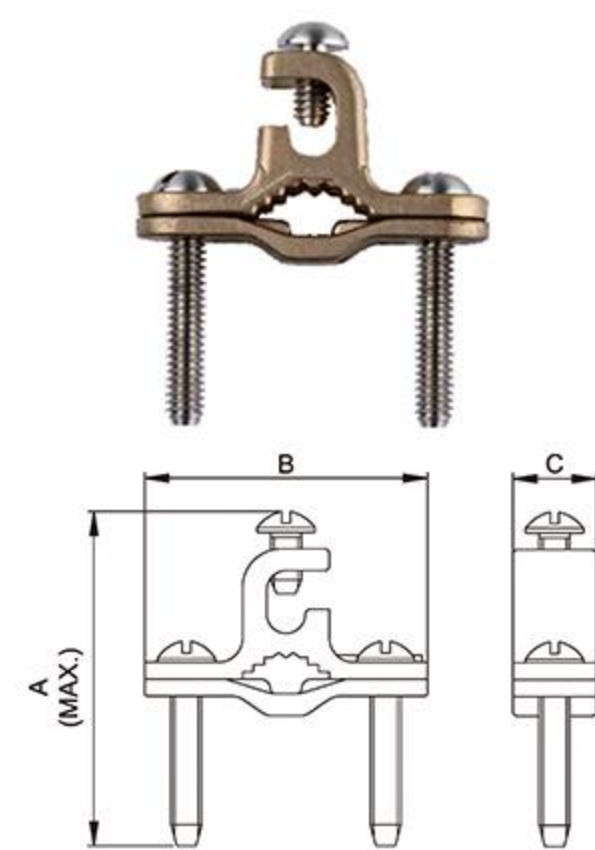


Part NO	Conductor Size(mm)		Material	
JC-1050	10-50		Brass	
JC-1695	16-95		Brass	
CAT. NO	Plated Groove		Copper Groove	
	MAX.	MIN.	MAX.	MIN.
Bk1	1/0ASCR #2 SCG amerductor 7/16 galv.strand	#6ASCR #12 SCG amerductor #8 solid iron	2/0str copper 7/16 2A	#8soid copper #9-12D



Tower Earth Clamp

CAT. NO	Water Pipe Size	Conductor		Dimension(in)		
		MAX.	MIN.	AMAX.	B	C
BJD-B1-15				2 3/4	2 11/32	23/32
BJ	1/2"-1"	#2 str.	#10 sol.	2 15/32	2 11/32	23/32
BJJR	1/2"-1"	#4 str.	#10 sol.	2 15/32	25/32	17/32
BJ-B1-25	1/2"-1"	#2 str.	#10 sol.	2 3/4	2 11/32	23/32

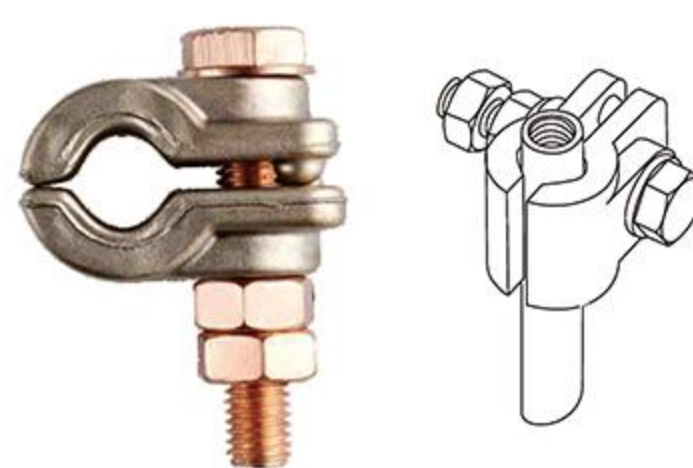


Ground Clamp

Part NO	Pipe size(mm)	Pebar size	Ground Rod Size
BJDL1	1/2"-1"	3/8"-1"	1/4"-1"

Rod to Cable Lug Clamp(type B)

CAT. NO	Nominal(*)	Diameter (mm)	Rod Type	Bolt Size	Weight Each (kg)
BCR205	Φ3/8	Φ9.5	Copper bond	M10	0.09
BCR215	Φ5/8	Φ16	Copper bond	M10	0.30
BCR220	Φ5/8	Φ15	Solid copper	M10	0.30
BCR225	Φ3/4	Φ20	Copper bond	M10	0.30
BCR230	Φ3/4	Φ20	Solid copper	M10	0.30



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Polyamide Ten-Poles Strip Block

Strip blocks are manufactured from 6.6 auto-extinguishing polyamide, according to CE Directive. All terminals are supplied in ten-poles strips and suitable for connections and panel boards applications.



Part No.	Dimensions(mm)		
	A	H	L
PSB-6mm ²	28.5	19.5	164
PSB-10mm ²	28.5	24.0	204
PSB-16mm ²	28.5	27.2	214
PSB-25mm ²	28.5	29.3	224
PSB-35mm ²	28.5	34.2	261

Inspection Pit - Plastic



Part No.	Pit Dimensions(mm) (WDXH)	Load rating
PIP	220 × 250 × 220	40,000kg

Earth Plate-Solid Copper

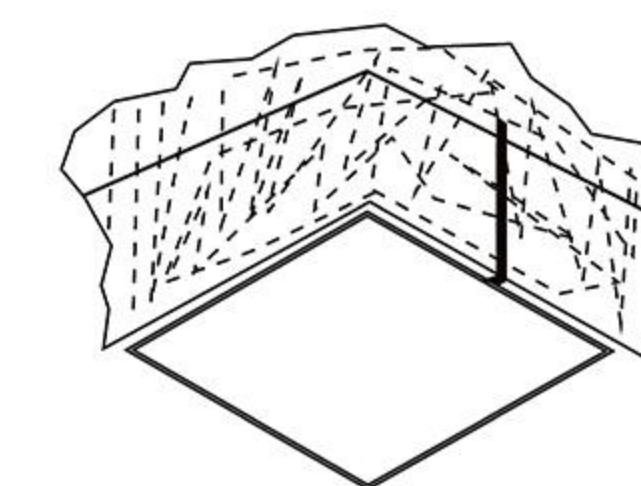


Part No.	Size(mm)	Material
EP615	600 × 600 × 1.5	copper
EP930	900 × 900 × 3	copper

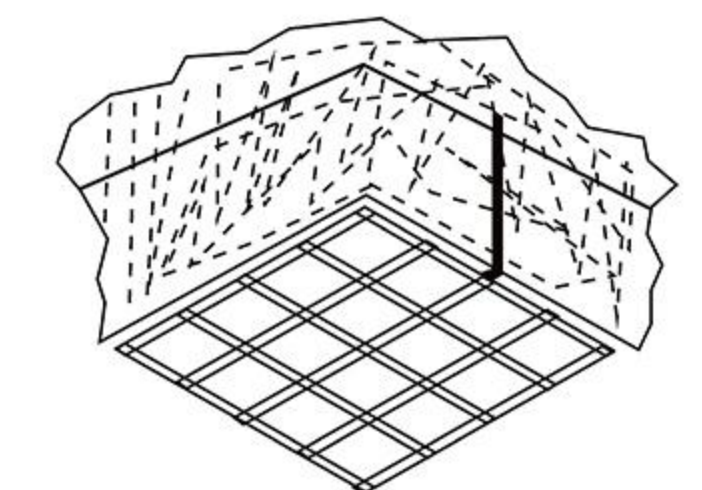
Earth Mat-Copper Tape



Part No.	Size(mm)	Material
EM630	600 × 600 × 3	High conductivity copper
EM930	900 × 900 × 3	High conductivity copper



Solid copper plate arrangement



Lattice copper mat arrangement

Earthing Fittings

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Earth Bar

Earth bars are available in a variety of sizes and specifications. Our standard earth bars are shown in the tables below. Special earth bars manufactured to customer requirements are also available.

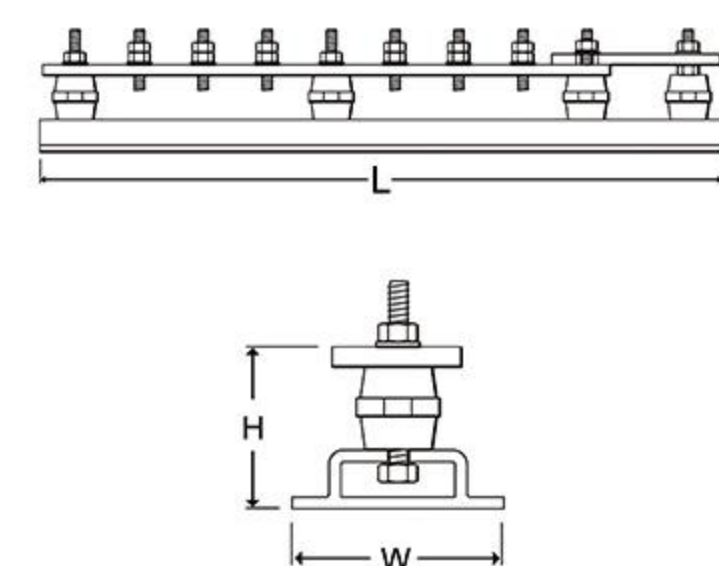
Recommended fixing by countersunk wood screw 1 1/2" x No. 12 and No. 12 wall plug.



Part No.	No.Terminations	Dimensions(mm)		
		L	W	H
EB-6	6	400	90	60
EB-8	8	500	90	60
EB-10	10	650	90	60
EB-12	12	750	90	60
EB-14	14	850	90	60
EB-16	16	950	90	60
EB-18	18	1100	90	60
EB-20	20	1250	90	60
EB-22	22	1300	90	60
EB-24	24	1400	90	60
EB-26	26	1550	90	60
EB-28	28	1650	90	60
EB-30	30	1800	90	60

Earth Bar With Single Disconnecting Link

Part No.	No.Terminations	Dimensions(mm)		
		L	W	H
EBD-6	6	485	90	60
EBD-8	8	585	90	60
EBD-10	10	735	90	60
EBD-12	12	835	90	60
EBD-14	14	935	90	60
EBD-16	16	1035	90	60
EBD-18	18	1185	90	60
EBD-20	20	1335	90	60
EBD-22	22	1385	90	60
EBD-24	24	1485	90	60
EBD-26	26	1635	90	60
EBD-28	28	1735	90	60
EBD-30	30	1885	90	60

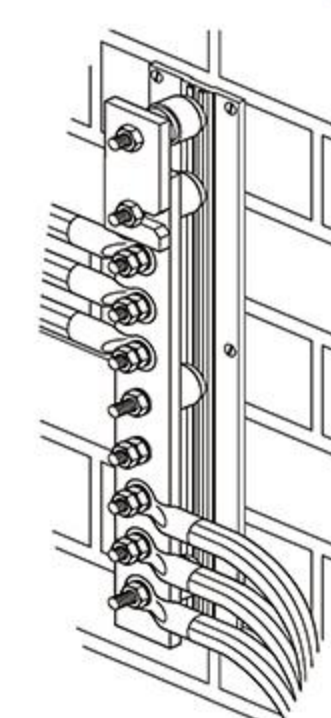


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Earth Bar (continued)

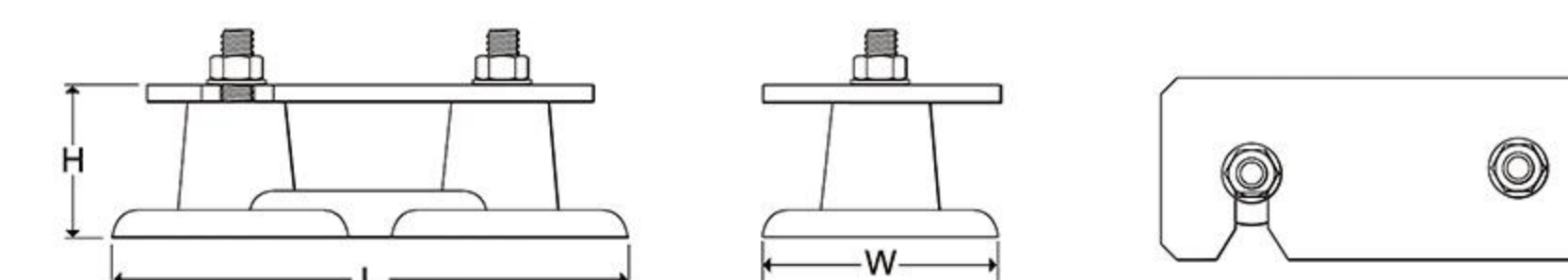
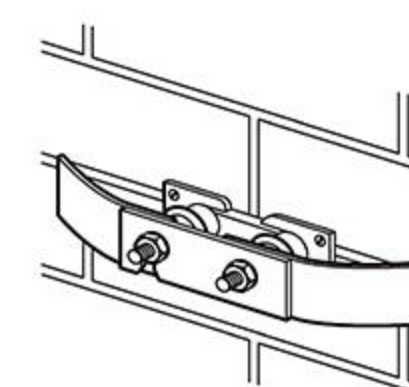
Part No.	No.Terminations	Dimensions(mm)		
		L	W	H
EBC-6	6	570	90	60
EBC-8	8	670	90	60
EBC-10	10	820	90	60
EBC-12	12	920	90	60
EBC-14	14	1020	90	60
EBC-16	16	1120	90	60
EBC-18	18	1270	90	60
EBC-20	20	1420	90	60
EBC-22	22	1470	90	60
EBC-24	24	1570	90	60
EBC-26	26	1720	90	60
EBC-28	28	1820	90	60
EBC-30	30	1885	90	60



Disconnecting Link

The disconnecting link provides a temporary break in the earth connection to allow inspection and testing of the earth electrode.

Part No.	L(mm)	W(mm)	H(mm)
DLK-120	120	45	45



Earth Bar – Insulator

Part No.	Size(mm)	Description
SM10	M10×35	Insulator stand off type c/w 2 studs & 3 nuts
SM20	M5×20	Insulator stand off type
SM25	M6×25	Insulator stand off type
SM30	M8×30	Insulator stand off type
SM35	M8×35	Insulator stand off type
SM40	M8×40	Insulator stand off type
SM45	M8×45	Insulator stand off type
SM51	M8×51	Insulator stand off type
SM60	M10×60	Insulator stand off type
SM76	M10×71	Insulator stand off type



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Copper Tape(Cu 99.9%)



Part No .	Dimensions	Remark
CT203	20 × 3mm	Material: Oxygen-free copper
CT253	25 × 3mm	
CT304	30 × 4mm	
CT305	30 × 5mm	
CT404	40 × 4mm	
CT405	40 × 5mm	
CT505	50 × 5mm	
CT506	50 × 6mm	

Round Copper Coated Steel Conductor



Part No .	Diameter	Length	Remark
SBCT08	8mm	6m	Thickness of copper layer ≥0.5mm copper/steel
SBCT10	10mm	6m	
SBCT12	12mm	6m	
SBCT14	14mm	6m	

Flat Copper Coated Steel Tape



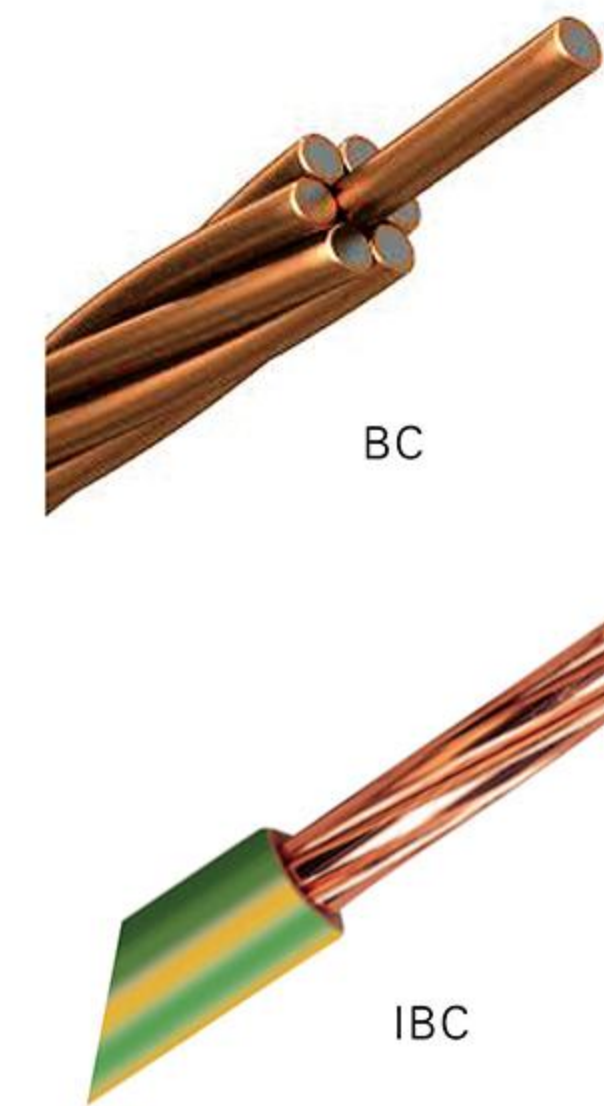
Part No .	Dimensions	Length	Remark
FBT50	6 × 14mm	6m	Thickness of copper layer ≥0.5mm copper/steel
FBT070	6 × 20mm	6m	
FBT095	7 × 22mm	6m	
FBT120	7 × 27mm	6m	
FBT160	7 × 32mm	6m	
FBT180	7 × 37mm	6m	
FBT210	8 × 37mm	6m	

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Copper Coated Steel Stranded Cable

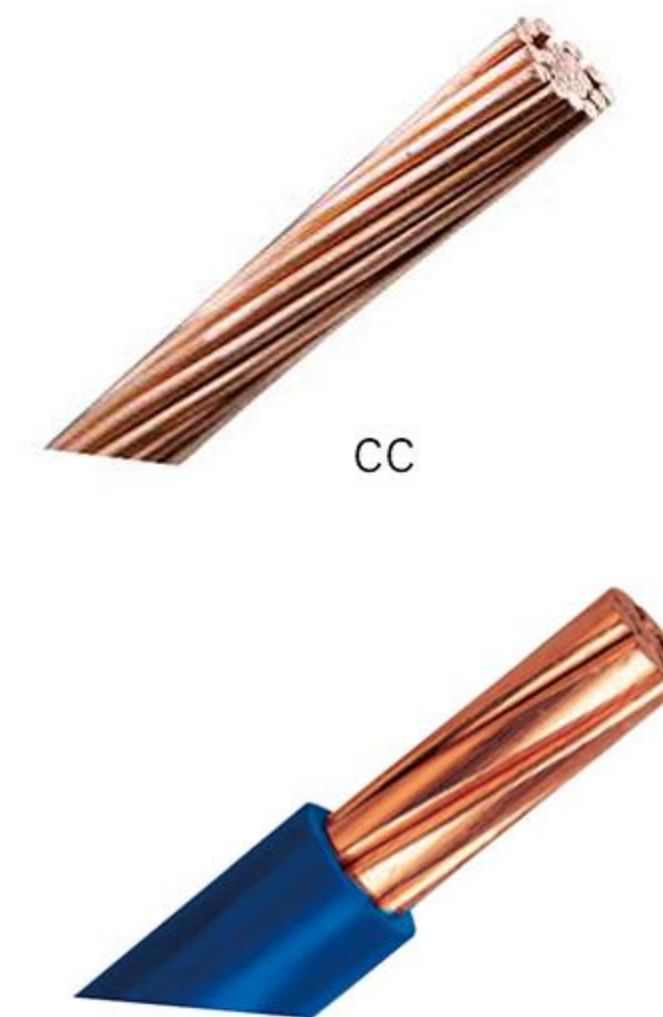
Bare (cu/steel) bimetal cable/PVC insulated (cu/steel) bimetal cable–galvanized technics.



Part N0	Conductor Section	Conductor Dia.	Weight / M	Remark
BC16/IBC16	16mm ²	7/1.70mm	0.126/0.156kgs	General Packing: 100meters voltage of insulator; 450/750V
BC25/IBC25	25mm ²	7/2.14mm	0.193/0.228kgs	
BC35/IBC35	35mm ²	7/2.50mm	0.273/0.323kgs	
BC50/IBC50	50mm ²	7/3.00mm	0.384/0.444kgs	
BC50/IBC50	50mm ²	19/1.80mm	0.384/0.444kgs	
BC70/IBC70	70mm ²	19/2.10mm	0.523/0.603kgs	
BC95/IBC95	95mm ²	19/2.50mm	0.742/0.842kgs	
BC120/IBC120	120mm ²	37/2.03mm	0.930/1.050kgs	
BC150/IBC150	150mm ²	37/2.30mm	1.02/1.17kgs	
BC185/IBC185	185mm ²	37/2.50mm	1.446/1.63kgs	

Pure Copper Earth Conductor

Bare copper stranded cable / PVC insulated copper cable



Part N0	Conductor Section	Conductor Dia.	Weight / M	Remark
CC16/ICC16	16mm ²	7/1.68mm	0.14/0.17kgs	General Packing: 100meters voltage of insulator; 450/750V
CC25/ICC25	25mm ²	7/2.11mm	0.22/0.255kgs	
CC35/ICC35	35mm ²	7/2.49mm	0.306/0.356kgs	
CC50/ICC50	50mm ²	7/2.97mm	0.438/0.498kgs	
CC70/ICC70	70mm ²	19/2.14mm	0.618/0.698kgs	
CC95/ICC95	95mm ²	19/2.49mm	0.838/0.938kgs	
CC120/ICC120	120mm ²	19/2.80mm	1.057/1.177kgs	
CC150/ICC150	150mm ²	37/2.25mm	1.34/1.49kgs	
CC185/ICC185	185mm ²	37/2.49mm	1.65/1.834kgs	
CC240/ICC240	240mm ²	37/2.84mm	2.14/2.371kgs	
CC300/ICC300	300mm ²	61/2.49mm	3.564/2.854kgs	

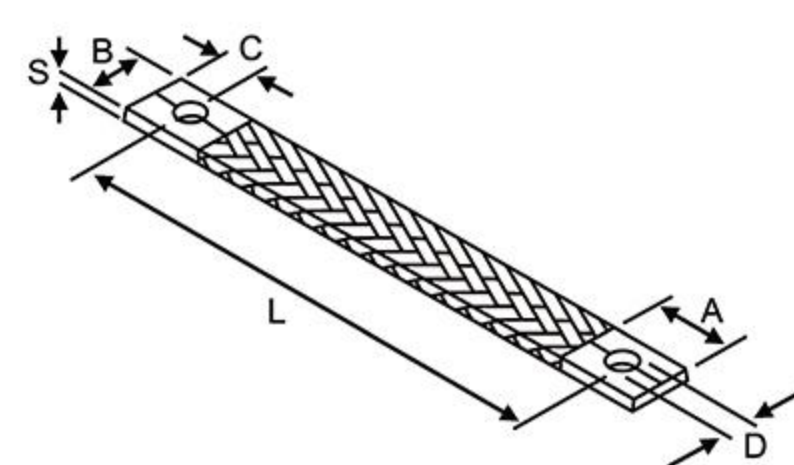
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Copper Earthing Strip

Copper strip terminal

Single wire Cu ETP UNI 5649-71. Similar to DIN 72333



Part No .	Cross-Section mm ²	Wire dia mm	A mm	B mm	C mm	D mm	S mm	L mm
CGS6-100	6	0.10	13	11	5	7	2.0	100
CGS6-150	6	0.10	13	11	5	7	2.0	150
CGS6-200	6	0.10	13	11	5	7	2.0	200
CGS10-100	10	0.20	23	17	10	9	2.0	100
CGS10-150	10	0.20	23	17	10	9	2.0	150
CGS10-200	10	0.20	23	17	10	9	2.0	200
CGS10-300	10	0.20	23	17	10	9	2.0	300
CGS16-100	16	0.20	23	17	10	9	2.5	100
CGS16-150	16	0.20	23	17	10	9	2.5	150
CGS16-200	16	0.20	23	17	10	9	2.5	200
CGS16-300	16	0.20	23	17	10	9	2.5	300
CGS25-100	25	0.20	23	23	10	9	3.2	100
CGS25-150	25	0.20	23	23	10	9	3.2	150
CGS25-200	25	0.20	23	23	10	9	3.2	200
CGS25-300	25	0.20	23	23	10	9	3.2	300
CGS35-100	35	0.20	23	23	10	9	3.4	100
CGS35-150	35	0.20	23	23	10	9	3.4	150
CGS35-200	35	0.20	23	23	10	9	3.4	200
CGS35-300	35	0.20	23	23	10	9	3.4	300
CGS50-100	50	0.20	30	30	15	11	4.5	100
CGS50-150	50	0.20	30	30	15	11	4.5	150
CGS50-200	50	0.20	30	30	15	11	4.5	200
CGS50-300	50	0.20	30	30	15	11	4.5	300
CGS75-150	75	0.20	30	30	15	11	5.0	150
CGS75-200	75	0.20	30	30	15	11	5.0	200
CGS75-300	75	0.20	30	30	15	11	5.0	300
CGS100-100	100	0.20	35	35	15	13	6.0	150
CGS100-200	100	0.20	35	35	15	13	6.0	200
CGS100-300	100	0.20	35	35	15	13	6.0	300

The lengths, cross-sectional areas, and drill sizes which are not mentioned in table above, can be manufactured upon request.

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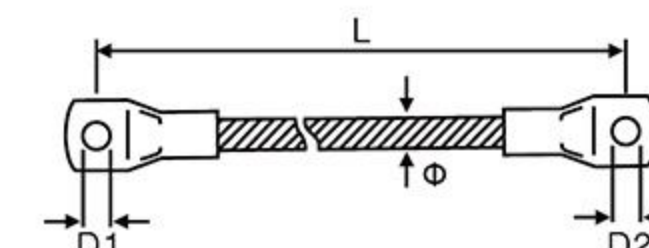
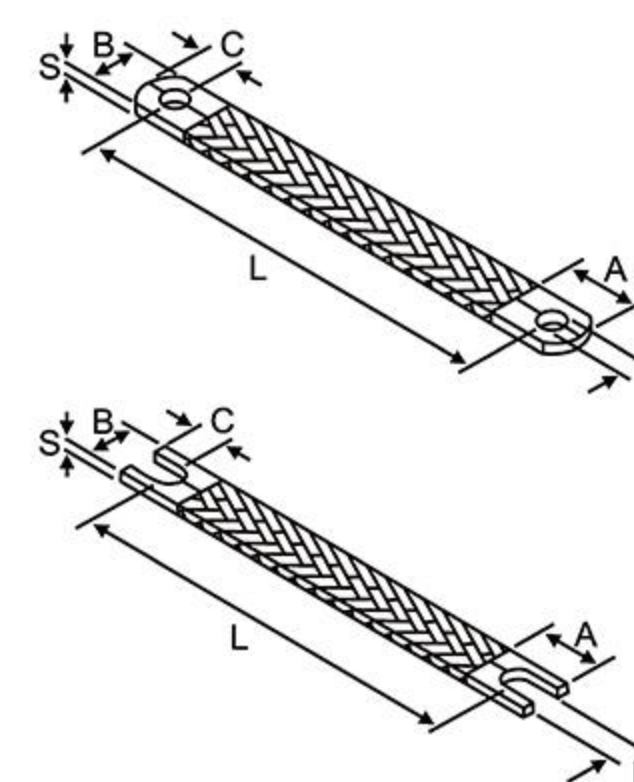
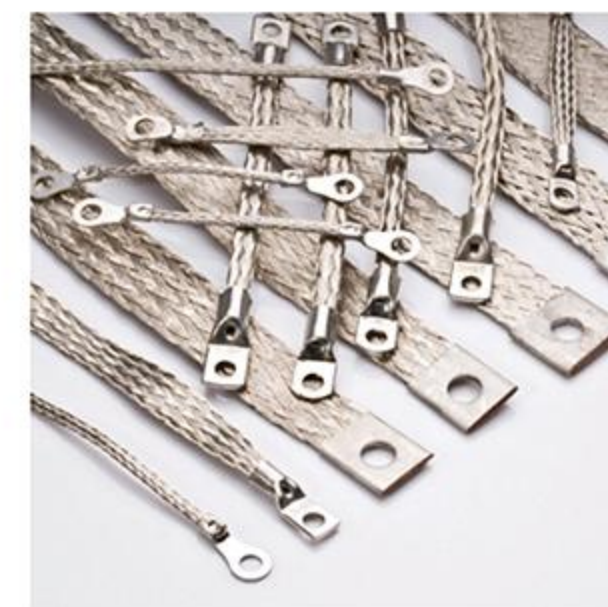
Earthing Fittings

Earthing Copper Strip 0.20 Type

Tinned copper strips terminals 17 × 23mm

Holes Φ9mm; on request 5-6-7mm

2 cross-section: 16mm² or 10mm² bare or tinned



Red copper, wire 0.20 mm – tinned terminal

Part No .	Cross-Section mm ²	Wire dia mm	A mm	B mm	C mm	D mm	S mm	L mm
RSC10-100	10	0.20	23	17	10	9	2.0	100
RSC10-150	10	0.20	23	17	10	9	2.0	150
RSC10-200	10	0.20	23	17	10	9	2.0	200
RSC10-250	10	0.20	23	17	10	9	2.0	250
RSC10-300	10	0.20	23	17	10	9	2.0	300
RSC16-100	16	0.20	23	17	10	9	2.5	100
RSC16-150	16	0.20	23	17	10	9	2.5	150
RSC16-200	16	0.20	23	17	10	9	2.5	200
RSC16-250	16	0.20	23	17	10	9	2.5	250
RSC16-300	16	0.20	23	17	10	9	2.5	300

Round Earthing Strip (with lugs)

Round braid

Part No .	Cross-Section mm ²	Wire dia mm	L mm	D1 mm	D2 mm	Φ mm
RGS-6	6	0.10	150	6.4	6.4	4.0
RGS-10	10	0.20	200	6.4	6.4	5.0
RGS-16	16	0.20	200	8.4	8.4	6.6
RGS-25	25	0.20	200	8.4	8.4	7.6
RGS-35	35	0.20	250	10.5	10.5	9.5
RGS-50	50	0.20	250	10.5	10.5	11.5
RGS-75	75	0.20	300	13.2	13.2	13.7
RGS-100	100	0.20	300	13.2	13.2	16.0

Round stranded copper cables with overall copper braid

Part No .	Cross-Section mm ²	Wire dia mm	L mm	D1 mm	D2 mm	Φ mm
RSC-38	38	0.20	300	8.4	8.4	9.5
RSC-50	50	0.20	300	8.4	8.4	11.5
RSC-100	100	0.20	300	10.5	10.5	16.0

Widths, lengths, cross-sections and bores are not included in table above, they are provided at request.

Special insulation, transparent PVC-jacket are provided at request.

Earthing Fittings

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Exothermic Welded Earthing Connections

Product Introduction

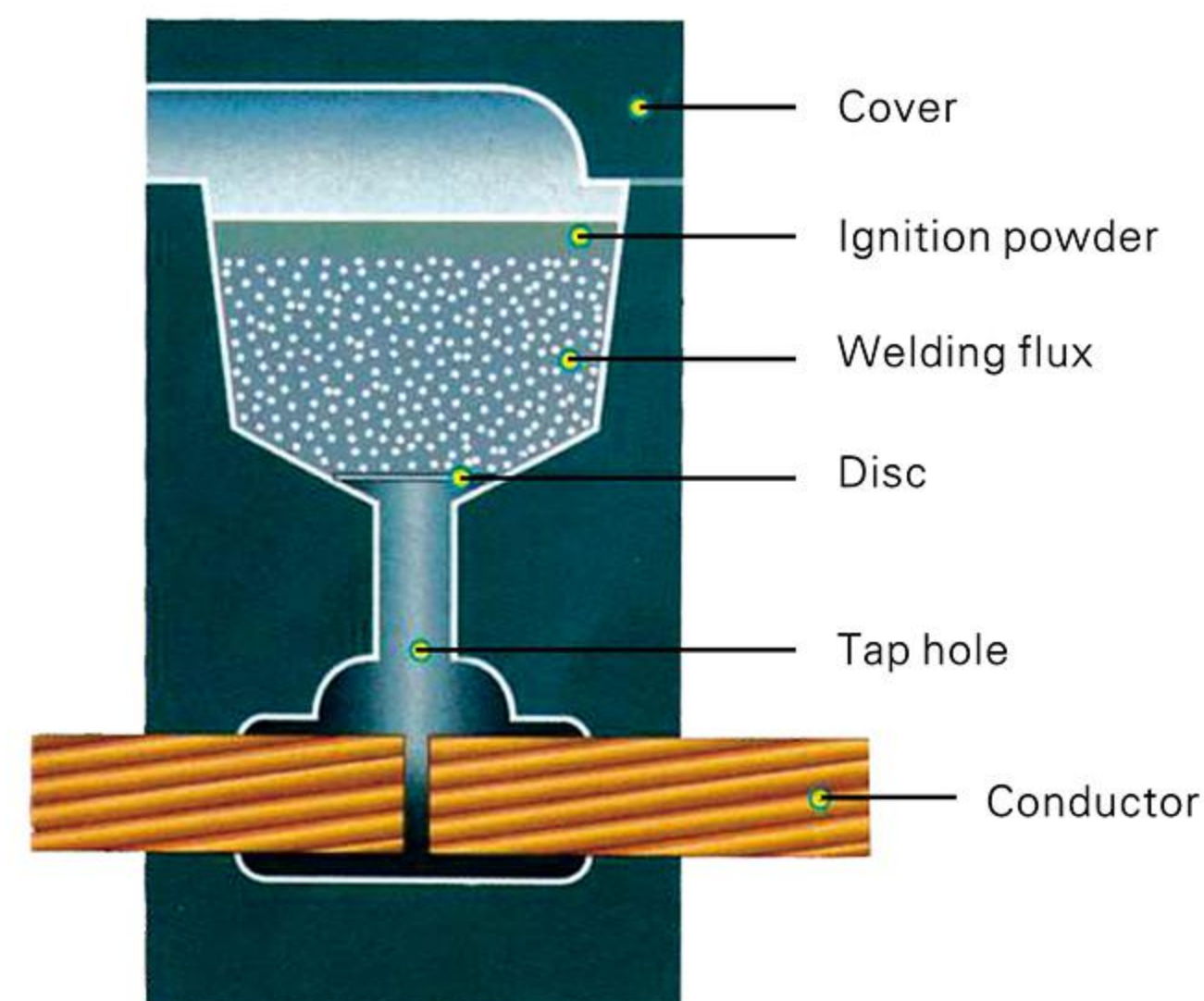
Exothermic welding are fused under the high temperature caused by the alumino-thermic reaction to realize the high quality weld. The alumino-thermic reaction is carried out in the high temperature resistant graphite CAD weld Mold, In normal conditions, more than 100 points can be welded with same mould and the reaction duration will spend about 4-6 seconds only.

Advantages of Our Weld Flux

1. the operation is safe and no need for professional skill or special protection, so it is quite easy.
2. No external power or heat is required. tools and equipments are simple. and operating efficiency is high.
3. The purity of welded point is more than 97%, so it has high conductivity and anti-corrosion.
4. Does not loosen as the connection create a permanent molecular bonded.
5. Current carrying capacity of welded point is stronger than wire.
6. This method used widely and applicable for weld between coppers, copper and steel, copper and galvanized flat steel etc.
7. The welded point can bear strong impact of the surge current for several times.



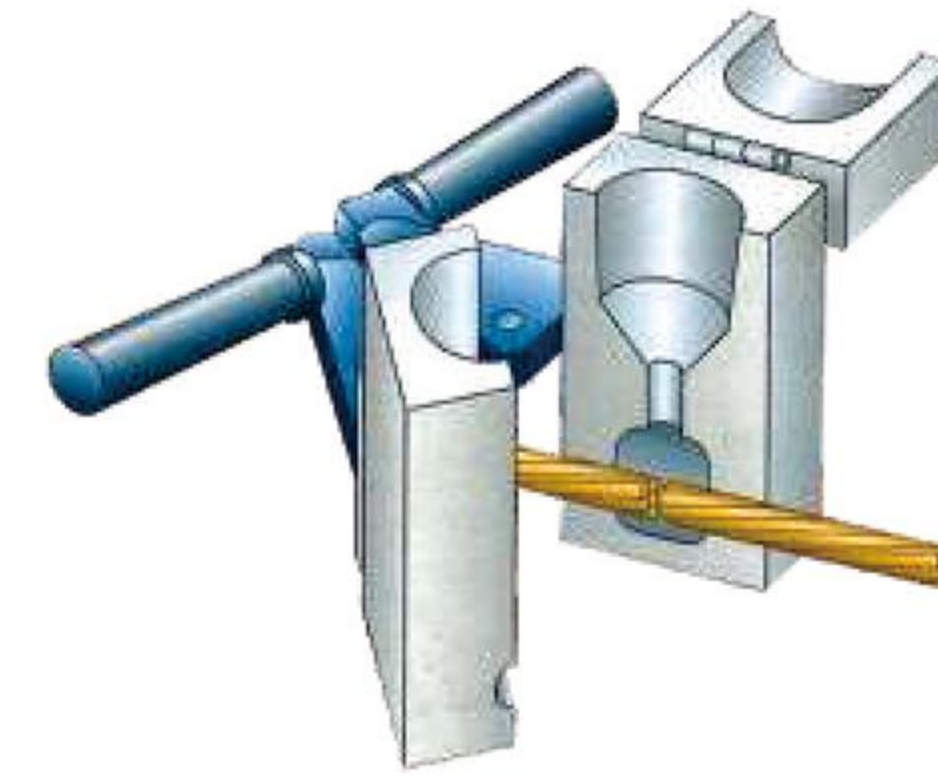
Weld Point



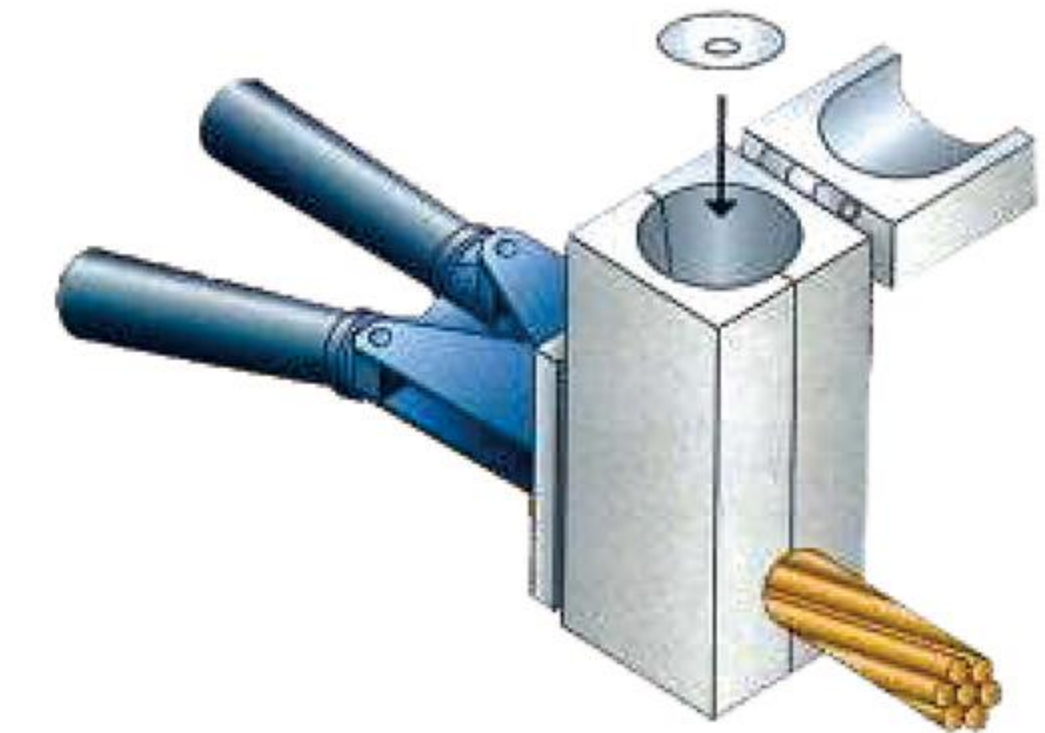
Earthing Fittings

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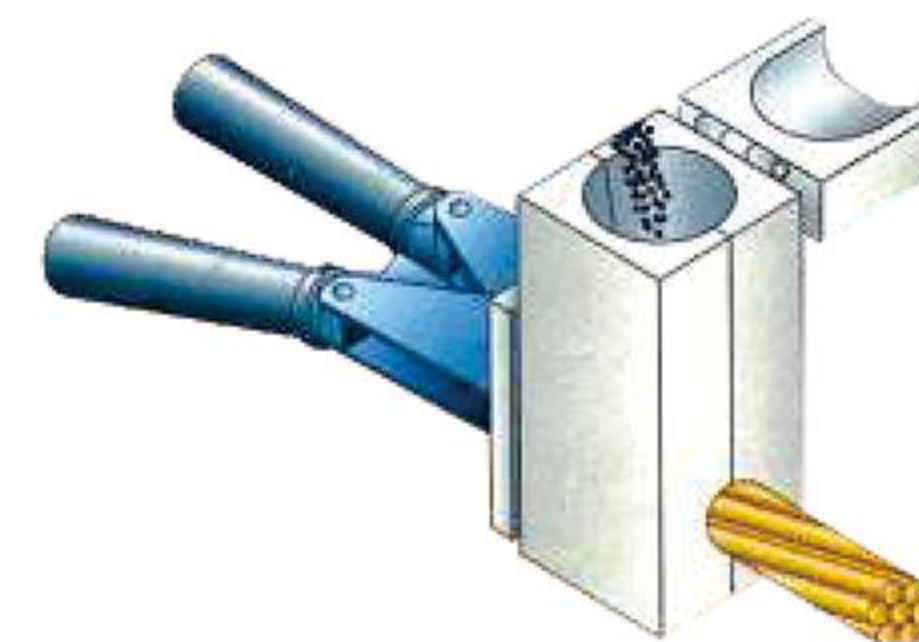
Making An Exoweld Connection



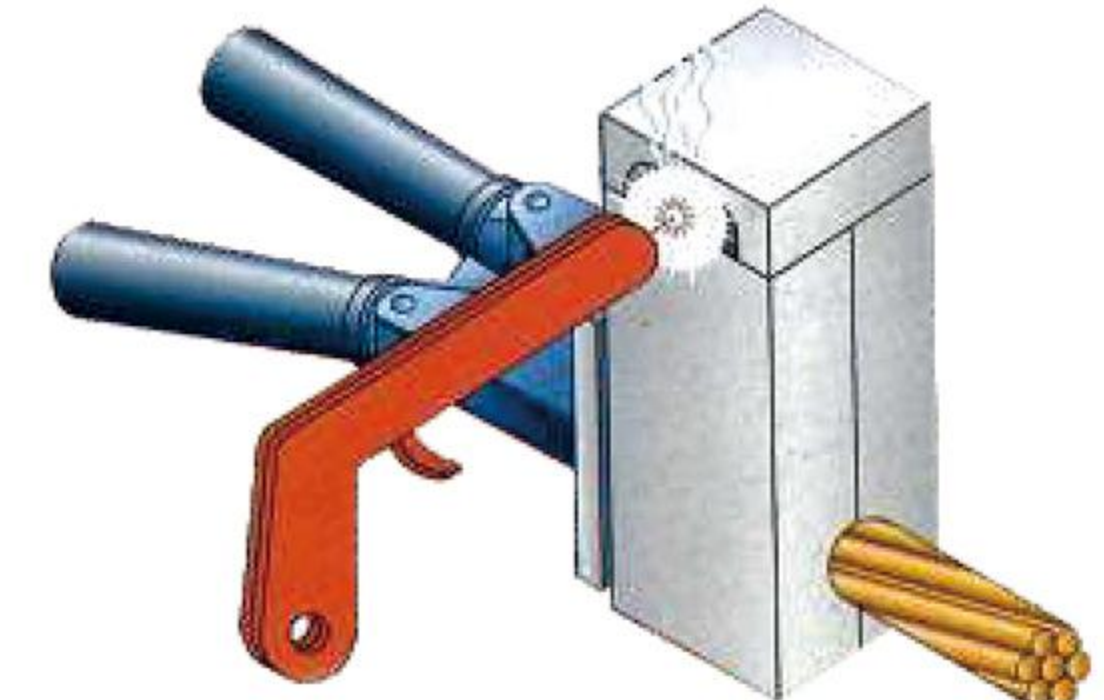
Step1 Clean all conductors with a wire brush and then place the conductors into position in the open mold. Be sure to pre-heat mold prior to use.



Step2 Close the handle clamp to lock the mold into place. Place the disk into position in the mold ensuring it is correctly seated and covering the tap hole.



Step3 Place the weld metal into the crucible and position the starting material on the lip of the mold in preparation for ignition.



Step4 Close the cover and ignite using flint ignitor. Open the mold after the metal solidifies. Remove the slag from the mold before making the next connection.

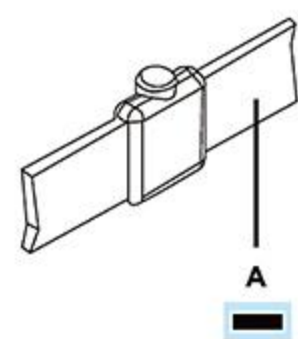
Note

Be sure to preheat mould prior to use.
Clean all conductors before weld.
Calm all conductors before lock the mould by handle clamp.
Don't stay anyone in front of the crater.
Clean the moulds after welded for the next connection.
Don't strike molds fiercely because its material is graphite.

Welding Accessories

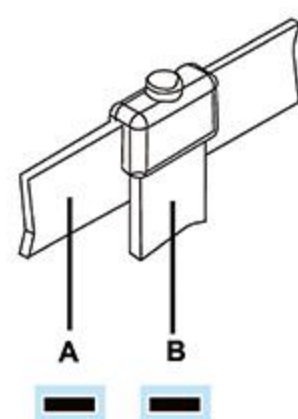
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Bar to bar-BB1



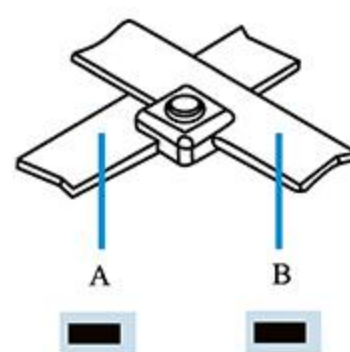
A mm × mm				
20 × 3	SMH45	BB1-4-203	HCPK4	
25 × 3	SMH65	BB1-4-253	HCPK4	
25 × 4	SMH90	BB1-4-254	HCPK4	
25 × 6	SMH150	BB1-4-256	HCPK4	

Bar to bar-BB3



A mm × mm	B mm × mm			
20 × 3	20 × 3	SMH45	BB3-4-203203	HCPK4
25 × 3	25 × 3	SMH65	BB3-4-253253	HCPK4
25 × 4	25 × 4	SMH90	BB3-4-254254	HCPK4
25 × 6	25 × 6	SMH150	BB3-4-256256	HCPK4

Bar to bar-BB41



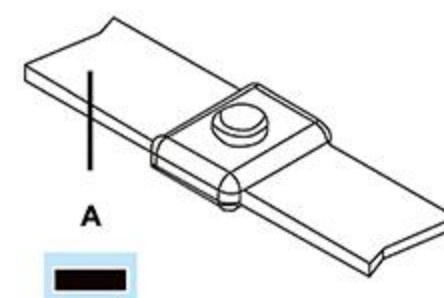
A mm × mm	B mm × mm			
20 × 3	20 × 3	SMH65	BB41-4-203203	HCPK4
25 × 3	25 × 3	SMH65	BB41-4-253253	HCPK4
25 × 4	25 × 4	SMH90	BB41-4-254254	HCPK4
25 × 6	25 × 6	SMH150	BB41-4-256256	HCPK4

Bar to bar-BS1



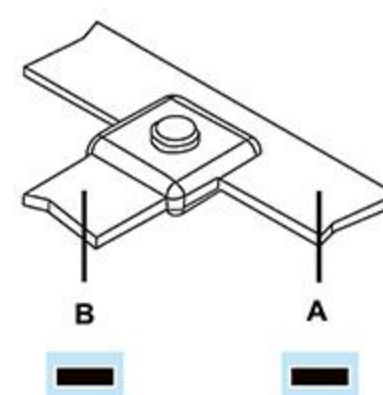
A mm × mm				
20 × 3	SMH65	BS1-4-203	HCPK4	
25 × 3	SMH90	BS1-4-253	HCPK4	
25 × 4	SMH90	BS1-4-254	HCPK4	
25 × 6	SMH150	BS1-4-256	HCPK4	

Bar to bar-BB7



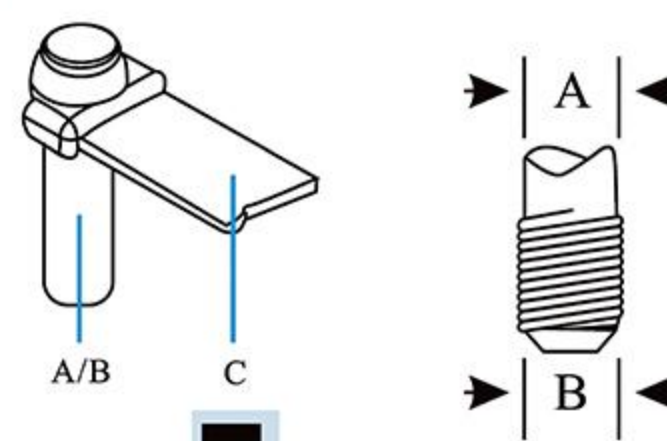
A mm × mm				
20 × 3	SMH45	BB7-4-203	HCRK4	
25 × 3	SMH65	BB7-4-253	HCRK4	
25 × 4	SMH90	BB7-4-254	HCRK4	

Bar to bar-BB14



A mm × mm	B mm × mm			
20 × 3	20 × 3	SMH45	BB14-4-203203	HCPK4
25 × 3	25 × 3	SMH65	BB14-4-253253	HCPK4
25 × 4	25 × 4	SMH90	BB14-4-254254	HCPK4
25 × 6	25 × 6	SMH115	BB14-4-256256	HCPK4

Bar to earth rod-BR1

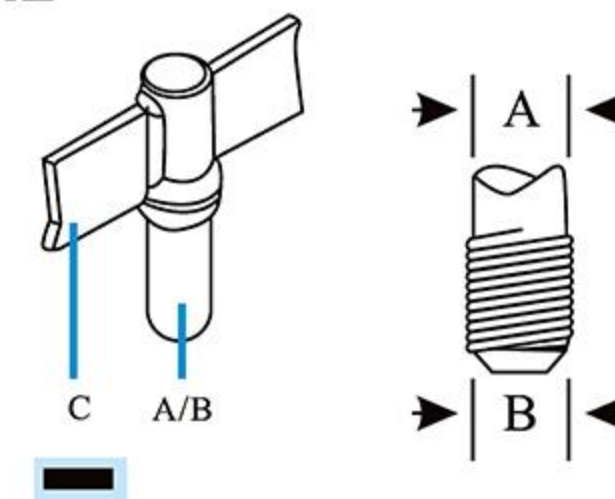


A mm × mm	B mm × mm	C mm × mm			
12.7	1/2"	25 × 3	SMH90	BR1-4-127253	HCPK4
12.7	1/2"	50 × 6	SMH115	BR1-4-127506	HCPK5
14.2	5/8"	20 × 3	SMH90	BR1-4-142203	HCPK4
14.2	5/8"	25 × 3	SMH90	BR1-4-142253	HCPK4
14.2	5/8"	25 × 4	SMH115	BR1-4-142254	HCPK4
14.2	5/8"	25 × 6	SMH115	BR1-4-142256	HCPK4
17.2	3/4"	20 × 3	SMH115	BR1-4-172203	HCPK4
17.2	3/4"	25 × 3	SMH150	BR1-4-172253	HCPK4
17.2	3/4"	25 × 4	SMH150	BR1-4-172254	HCPK4
17.2	3/4"	25 × 6	SMH200	BR1-4-172256	HCPK4

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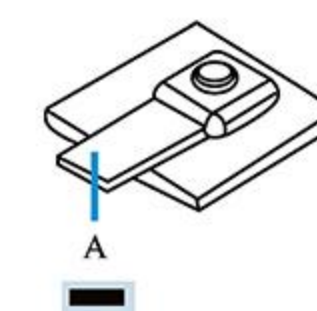
Welding Accessories

Bar to earth rod-BR2



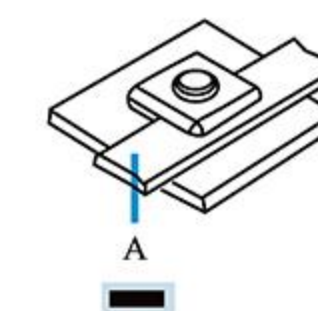
A mm × mm	B mm × mm	C mm × mm			
12.7	1/2"	25 × 3	SMH90	BR2-4-127253	HCPK4
12.7	1/2"	50 × 6	SMH115	BR2-4-127506	HCPK5
14.2	5/8"	20 × 3	SMH90	BR2-4-142203	HCPK4
14.2	5/8"	25 × 3	SMH90	BR2-4-142253	HCPK4
14.2	5/8"	25 × 4	SMH115	BR2-4-142254	HCPK4
14.2	5/8"	25 × 6	SMH115	BR2-4-142256	HCPK4
17.2	3/4"	20 × 3	SMH115	BR2-4-172203	HCPK4
17.2	3/4"	25 × 3	SMH150	BR2-4-172253	HCPK4
17.2	3/4"	25 × 4	SMH150	BR2-4-172254	HCPK4
17.2	3/4"	25 × 6	SMH200	BR2-4-172256	HCPK4

Bar to bar-BS2



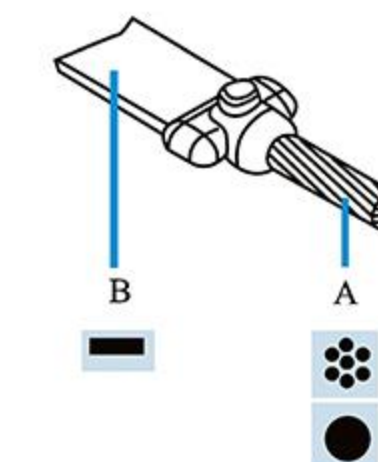
A mm × mm				
20 × 3	SMH90	BS2-4-203	HCPK4	
25 × 3	SMH90	BS2-4-253	HCPK4	
25 × 4	SMH90	BS2-4-254	HCPK4	
25 × 6	SMH150	BS2-4-256	HCPK4	

Bar to bar-BS3



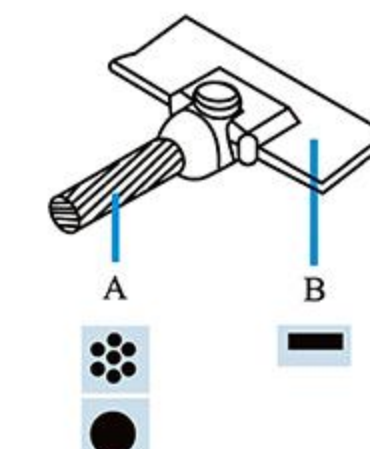
A mm × mm				
20 × 3	SMH90	BS3-4-203	HCPK4	
25 × 3	SMH90	BS3-4-253	HCPK4	
25 × 4	SMH90	BS3-4-254	HCPK4	
25 × 6	SMH150	BS3-4-256	HCPK4	

Cable to bar-CB1



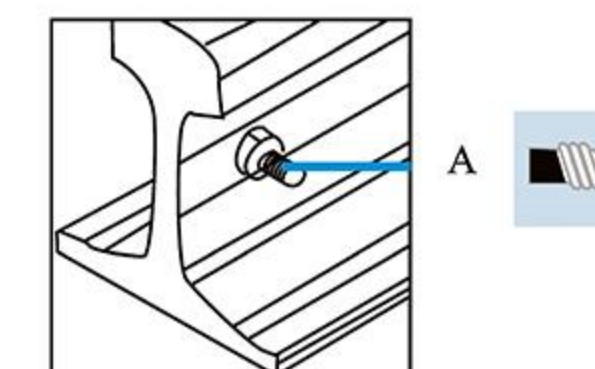
A mm²	B mm × mm			
25	20 × 3	SMH32	CB1-4-25203	HCPK4
25	25 × 3	SMH45	CB1-4-25253	HCPK4
35	20 × 3	SMH45	CB1-4-35203	HCPK4
35	25 × 3	SMH45	CB1-4-35256	HCPK4
50	20 × 3	SMH45	CB1-4-50203	HCPK4
50	25 × 3	SMH65	CB1-4-50253	HCPK4
70	25 × 3	SMH65	CB1-4-70253	HCPK4
70	25 × 4	SMH65	CB1-4-70254	HCPK4
70	25 × 6	SMH65	CB1-4-70256	HCPK4
95	25 × 4	SMH90	CB1-4-95254	HCPK4
95	20 × 6	SMH90	CB1-4-95256	HCPK4

Cable to bar-CB4



A mm²	B mm × mm			
25	20 × 3	SMH32	CB4-4-25203	HCPK4
25	25 × 3	SMH32	CB4-4-25253	HCPK4
35	20 × 3	SMH45	CB4-4-35203	HCPK4
35	25 × 3	SMH45	CB4-4-35256	HCPK4
50	20 × 3	SMH45	CB4-4-50203	HCPK4
50	25 × 3	SMH45	CB4-4-50253	HCPK4
70	25 × 3	SMH65	CB4-4-70253	HCPK4
70	25 × 4	SMH65	CB4-4-70254	HCPK4
70	25 × 6	SMH90	CB4-4-70256	HCPK4
95	25 × 4	SMH90	CB4-4-95254	HCPK4
95	20 × 6	SMH115	CB4-4-95256	HCPK4

Stud to rail-R8

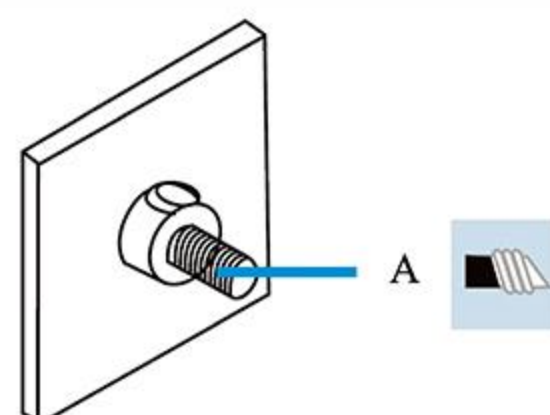


A				
M6	SMH45	R8-4-M6	HCPK4	RSSM6
M8	SMH45	R8-4-M8	HCPK4	RSSM8
M10	SMH65	R8-4-M10	HCPK4	RSSM10
M12	SMH90	R8-4-M12	HCPK4	RSSM12
M16	SMH115	R8-4-M16	HCPK4	RSSM16

Welding Accessories

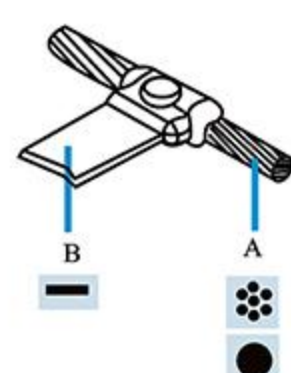
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Stud to rail-RS1



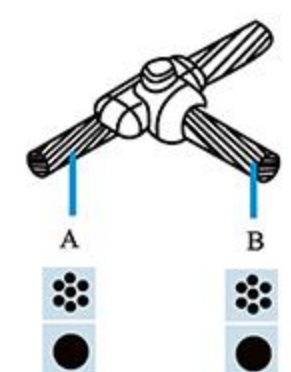
A				
M6	SMH45	R8-4-M6	H CPK4	RSSM6
M8	SMH45	R8-4-M8	H CPK4	RSSM8
M10	SMH65	R8-4-M10	H CPK4	RSSM10
M12	SMH90	R8-4-M12	H CPK4	RSSM12
M16	SMH115	R8-4-M16	H CPK4	RSSM16

Cable to bar-CB5



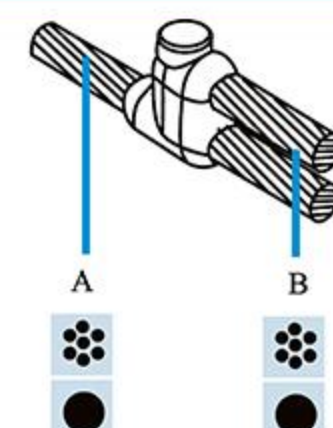
A mm ²	B mm × mm			
25	20 × 3	SMH45	CB5-4-25203	H CPK4
25	25 × 3	SMH65	CB5-4-25253	H CPK4
35	20 × 3	SMH45	CB5-4-35203	H CPK4
35	25 × 3	SMH65	CB5-4-35256	H CPK4
50	20 × 3	SMH65	CB5-4-50203	H CPK4
50	25 × 3	SMH65	CB5-4-50253	H CPK4
70	25 × 3	SMH90	CB5-4-70253	H CPK4
70	25 × 4	SMH115	CB5-4-70254	H CPK4
70	25 × 6	SMH115	CB5-4-70256	H CPK4
95	25 × 4	SMH150	CB5-4-95254	H CPK4
95	20 × 6	SMH150	CB5-4-95256	H CPK4

Cable to cable-CC2



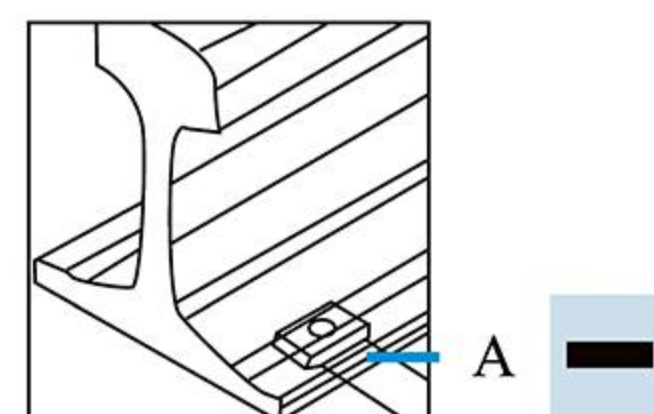
A mm ²	B mm ²			
25	25	SMH45	CC2-4-2525	H CPK4
35	35	SMH45	CC2-4-3535	H CPK4
35	25	SMH45	CC2-4-3525	H CPK4
50	50	SMH90	CC2-4-5050	H CPK4
50	35	SMH65	CC2-4-5035	H CPK4
50	25	SMH65	CC2-4-5025	H CPK4
70	70	SMH90	CC2-4-7070	H CPK4
70	50	SMH90	CC2-4-7050	H CPK4
70	35	SMH65	CC2-4-7035	H CPK4
70	25	SMH65	CC2-4-7025	H CPK4
95	95	SMH115	CC2-4-9595	H CPK4
95	70	SMH90	CC2-4-9570	H CPK4
95	50	SMH90	CC2-4-9550	H CPK4
95	35	SMH90	CC2-4-9535	H CPK4

Cable to cable-CC11



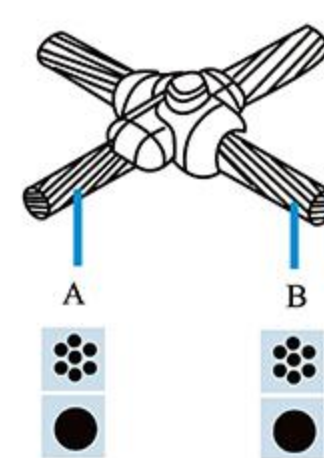
A mm ²	B mm ²			
50	50	SMH150	CC11-7-5050	H CPK7
70	70	SMH200	CC11-7-7070	H CPK7
95	95	SMH250	CC11-7-9595	H CPK7
120	120	SMH300	CC11-7-120120	H CPK7
150	150	2X SMH250	CC11-7-150150	H CPK8
185	185	2X SMH250	CC11-7-185185	H CPK8
240	240	3X SMH250	CC11-7-240240	H CPK8

Bar to rail-R6



A mm ²			
20 × 3	SMH65	R6-3-253	H CPK2

Cable to cable-CC4

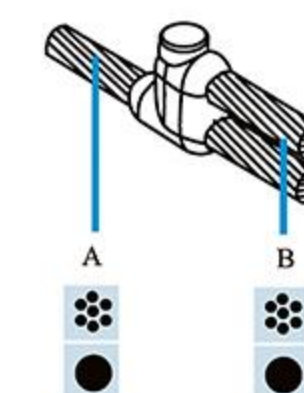


A mm ²	B mm ²			
25	25	SMH45	CC4-4-2525	H CPK4
35	35	SMH65	CC4-4-3535	H CPK4
35	25	SMH65	CC4-4-3525	H CPK4
50	50	SMH90	CC4-4-5050	H CPK4
50	35	SMH90	CC4-4-5035	H CPK4
50	25	SMH90	CC4-4-5025	H CPK4
70	70	SMH115	CC4-4-7070	H CPK4
70	50	SMH115	CC4-4-7050	H CPK4
70	35	SMH115	CC4-4-7035	H CPK4
70	25	SMH115	CC4-4-7025	H CPK4
95	95	SMH150	CC4-4-9595	H CPK4
95	70	SMH150	CC4-4-9570	H CPK4
95	50	SMH115	CC4-4-9550	H CPK4
95	35	SMH115	CC4-4-9535	H CPK4

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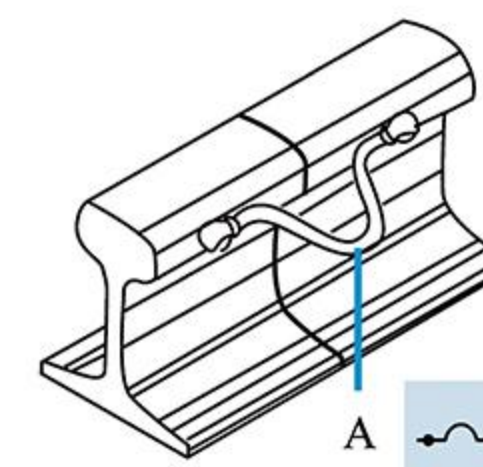
Welding Accessories

Cable to cable-CC6



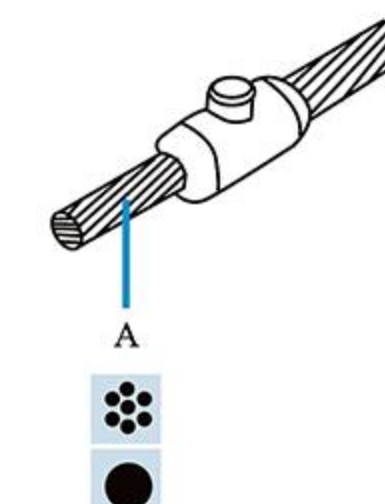
A mm ²	B mm ²			
25	25	SMH45	CC6-4-2525	H CPK4
35	35	SMH65	CC6-4-3535	H CPK4
35	25	SMH65	CC6-4-3525	H CPK4
50	50	SMH90	CC6-4-5050	H CPK4
50	35	SMH65	CC6-4-5035	H CPK4
50	25	SMH65	CC6-4-5025	H CPK4
70	70	SMH115	CC6-4-7070	H CPK4
70	50	SMH115	CC6-4-7050	H CPK4
70	35	SMH90	CC6-4-7035	H CPK4
70	25	SMH90	CC6-4-7025	H CPK4
95	95	SMH150	CC6-4-9595	H CPK4
95	70	SMH115	CC6-4-9570	H CPK4

Cable to rail-R12



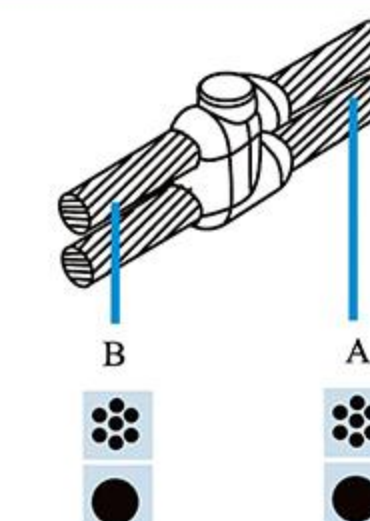
A mm ²			
25	SMH32	R12-3-25	H CR2
35	SMH32	R12-3-35	H CR2
50	SMH45	R12-3-50	H CR2
70	SMH65	R12-3-70	H CR2
95	SMH90	R12-3-95	H CR2

Cable to cable-CC1



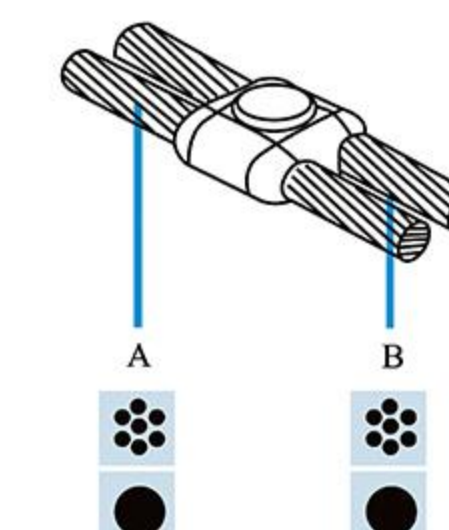
A mm ²			
16	SMH32	CC1-4-16	H CRK4
25	SMH32	CC1-4-25	H CRK4
35	SMH32	CC1-4-35	H CRK4
50	SMH45	CC1-4-50	H CRK4
70	SMH65	CC1-4-70	H CRK4
95	SMH90	CC1-4-95	H CRK4

Cable to cable-CC7



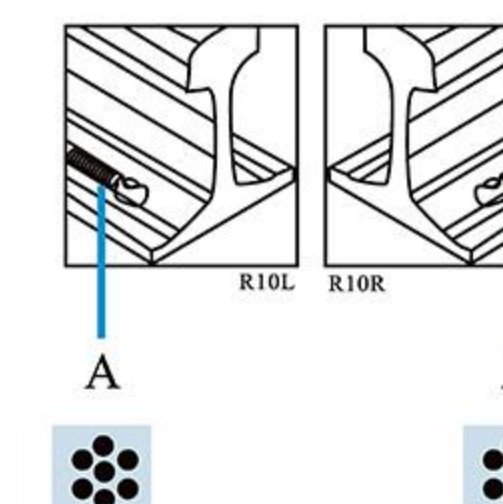
A mm ²	B mm ²			
25	25	SMH45	CC7-4-2525	H CPK4
35	35	SMH65	CC7-4-3535	H CPK4
35	25	SMH65	CC7-4-3525	H CPK4
50	50	SMH90	CC7-4-5050	H CPK4
50	35	SMH90	CC7-4-5035	H CPK4
50	25	SMH90	CC7-4-5025	H CPK4
70	70	SMH115	CC7-4-7070	H CPK4
70	50	SMH115	CC7-4-7050	H CPK4
70	35	SMH90	CC7-4-7035	H CPK4
70	25	SMH90	CC7-4-7025	H CPK4
95	95	SMH150	CC7-4-9595	H CPK4
95	70	SMH115	CC7-4-9570	H CPK4

Cable to cable-CC14



A mm ²	B mm ²			
25	25	SMH45	CC14-4-2525	H CPK4
35	35	SMH65	CC14-4-3535	H CPK4
35	25	SMH65	CC14-4-3525	H CPK4
50	50	SMH90	CC14-4-5050	H CPK4
50	35	SMH90	CC14-4-5035	H CPK4

Cable to rail-R10

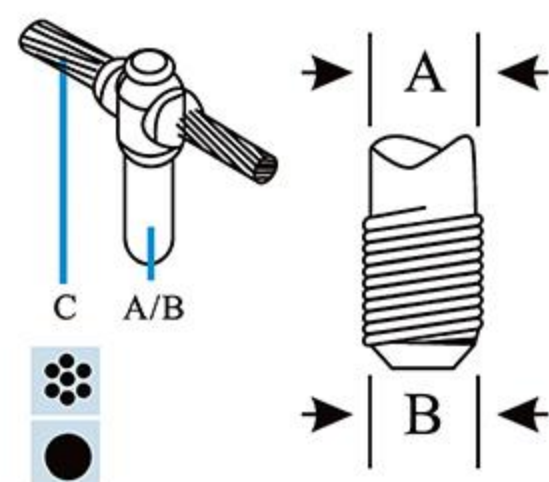


A mm ²			
16	SMH25	R10L-3-16	H CRK2
16	SMH25	R10L-3-16	H CRK2
25	SMH25	R10L-3-25	H CRK2
25	SMH32	R10L-3-25	H CRK2
35	SMH32	R10L-3-35	H CRK2
35	SMH32	R10L-3-35	H CRK2

Welding Accessories

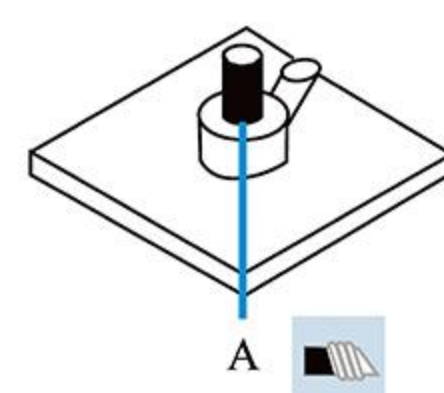
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Cable to earth rod-CR2



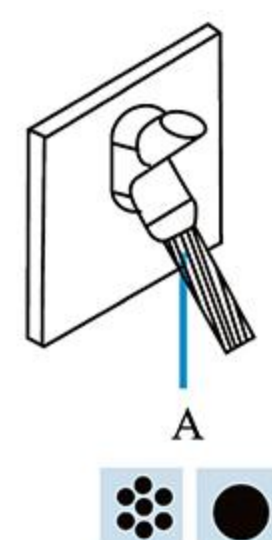
A mm Φ	B inches Φ	C mm ²			
12.7	1/2"	35	SMH90	CR2-4-12725	H CPK4
12.7	1/2"	50	SMH90	CR2-4-12750	H CPK4
14.2	5/8"	25	SMH90	CR2-4-14225	H CPK4
14.2	5/8"	35	SMH90	CR2-4-14235	H CPK4

Stud to steel surface RS2



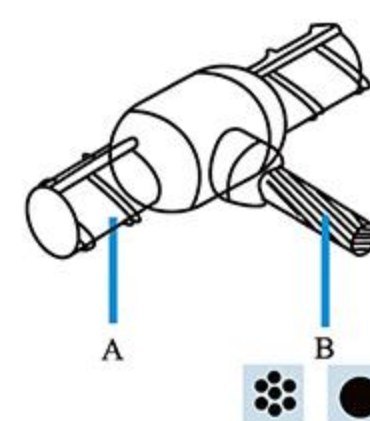
A				
M6	SMH25	RS2-4-M6	H CPK4	RSSM6
M8	SMH32	RS2-4-M8	H CPK4	RSSM8
M10	SMH45	RS2-4-M10	H CPK4	RSSM10
M12	SMH65	RS2-4-M12	H CPK4	RSSM12
M16	SMH115	RS2-4-M16	H CPK4	RSSM16

Cable to steel surface-CS3



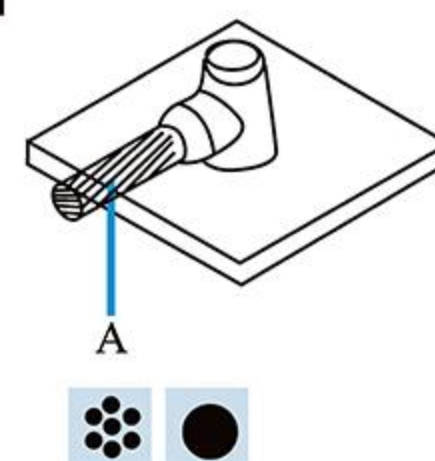
A mm ²			
16	SMH45	CS3-4-16	H CPK4
25	SMH45	CS3-4-25	H CPK4
35	SMH45	CS3-4-35	H CPK4
50	SMH65	CS3-4-50	H CPK4
70	SMH90	CS3-4-70	H CPK4

Cable to reinforcing steel bar-CRE2



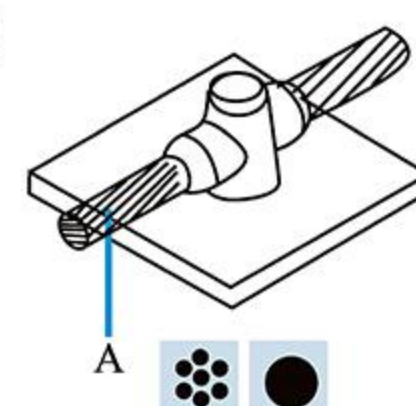
A mm Φ	B mm ²			
16	35	SMH90	CRE2-4-16R35	H CPK4
16	50	SMH115	CRE2-4-16R50	H CPK4
16	70	SMH115	CRE2-4-16R0	H CPK4
16	95	SMH150	CRE2-4-16R95	H CPK4

Cable to steel surface-CS1



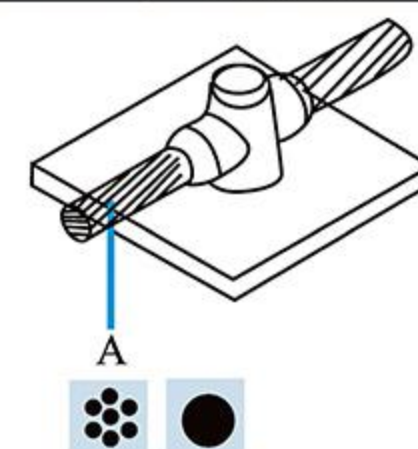
A mm ²			
16	SMH45	CS1-1-16	H CPK4
25	SMH45	CS1-1-25	H CPK4
35	SMH45	CS1-1-35	H CPK4
50	SMH90	CS1-1-50	H CPK4
70	SMH90	CS1-1-70	H CPK4

Cable to steel surface-CS2



A mm ²			
16	SMH45	CS3-4-16	H CPK4
25	SMH45	CS3-4-25	H CPK4

Cable to steel surface-CS7



A mm ²			
16	SMH65	CS7-4-16	H CPK4
25	SMH65	CS7-4-25	H CPK4
35	SMH90	CS7-4-50	H CPK4

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Earthing Modules

Product Introduction

Grounding module is a kind of combined grounding material which can prevent corrosion internally and reduce resistance externally, Metal bracket electrode core inside and solidified into corrosive proof material by means of high aluminosilicate. Then mixed with silicate is conducting material of electrolyte and electrode before being solidifying into grounding precast module, It is easier for construction comparing with the Earth Improving Enhancing compounds. The high compact layer formed by maetal electrode and high aluminolilicate can prevent all kinds of corrosions including sea water, and grounding module can hardly be impacted by dryness and humidity.

Feature of the Product

It is a fundamental guarantee to ensure various long term and stable grounding requirement under the condition of different temperature, dryness and humidith. It solves problems coexisted in both resistance reduction performance and corrosion. Especially, it is more convenient for grounding in high mountains where water is in shortage. It can withstand large current impact without deformation and changing performance and can be operated in a long time.



Products	Model	Dimension	Net Weight
Strong focus type grounding module	Y-1	150x1000mm	26
	Y-2	170x800mm	30
	Y-3	260x1000mm	50
	F	500x400x600mm	20