



NEXUS

An ISO 9001 Company



ABOUT US

'Nexus' a decade old company has grown by leaps & bounds through its excellent working staff & technology updates at regular intervals.

'Nexus' is today the leading and one of the largest manufacturer of Earthing, Lightning Protection & Cable Accessories. Extensive know-how in the field of Earthing & lightning Protection, strong R&D activity and continuous innovation in manufacturing technologies and product specification, allows Nexus to respond quickly to an increasingly demanding market offering high-quality products that are reliable, durable, safe at competitive rates.

Nexus products are manufactured strictly by the specifications and designs laid by accepted International Standards. Wide product range, expert and efficient international sales network and sharp focus on customer needs represent the strengths of the Nexus Group and ensure a significant competitive advantage in a continuously evolving global market.

Nexus being the manufacturer has a total control over the quality of the products right from the raw materials to the finished products. Rigorous quality testing and control is enforced. Only that material which passes the rigid norms, finds its way into the market.



Certificate of Registration

This is to Certify that
Quality Management System of

NEXUS METAL & ALLOYS

#9, BALRAM NIWAS, BUILDING NO - 12, 2ND FLOOR,
KHETWADI 8TH LANE, MUMBAI - 400004, MAHARASHTRA, INDIA

has been assessed and found to conform to the requirements of

ISO 9001:2008

for the following scope :

MANUFACTURER, EXPORTER, SUPPLY AND SOURCING OF EARTHING,
LIGHTING PROTECTION, CABLE ACCESSORIES, COPPER & COPPER
ALLOY SEMIS (BUSBAR, BRAIDS, SHEET, PLATE, FLAT, TAPE, STRIP,
SECTION, CONDUCTORS AND TUBES, TURN PART COMPONENTS)
AND ENGINEERING GOODS

Certification No 1014QP82

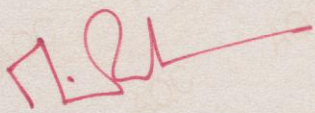
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Managing Director



Absolute Quality Certification Pvt. Ltd.

Accredited By: Joint Accreditation System of Australia & New Zealand (JAS-ANZ)

401, Ashok Bhawan, 93, Nefru Place, New Delhi - 110 019, | +91. 11. 4105 1139 | e-mail : info@absolutequalitycertification.com, www.absolutequalitycertification.com

The Registration is not a Product Quality Certificate
Certificate is the property of AQZ and return when demanded

* Subject to successful completion of surveillance audits

Visit for verification on www.jas-anz.org/register

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COPPER BONDED EARTH ROD

COPPER BONDED EARTH ROD

The reason for the enduring popularity and appeal of this product is that it represents a known technology, the driven earth rod, and combines the conductive properties of copper with the strength of steel. They offer a more economical and stronger alternative to a pure copper rod and a better conductivity than a stainless steel rod, whilst maintaining its corrosion resistant properties. Nexus copper bond electrodes are robust enough to be driven through bricks, and can be installed using power tools. Unlike other brands, Nexus does not produce sheathed rods due to our commitment to quality and our appreciation of the needs of our clients; all rods have pure copper electrolytically bonded to a steel core. Nexus utilises the best materials to ensure that when the two metals are molecularly bonded the product achieves a market-leading specification. This commitment to quality, and our clients, is why Nexus is found in the most demanding projects.

Pointed Copper bonded Ground Rods

- Manufactured of high strength 1035 cold drawn steel
- The Nexus preferred ground rods

PRODUCT CODE	NOMINAL DIAMETER (MM)	SHANK DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NCBR1004	3/8 : 9	9.50	1200	0.62
NCBR1604	5/8" : 16	14.2	1200	1.53
NCBR1605	5/8" : 16	14.2	1500	1.88
NCBR1606	5/8" : 16	14.2	1800	2.29
NCBR1608	5/8" : 16	14.2	2400	3.00
NCBR1610	5/8" : 16	14.2	3000	3.79
NCBR2004	3/4" : 20	17.2	1200	2.19
NCBR2005	3/4" : 20	17.2	1500	2.73
NCBR2006	3/4" : 20	17.2	1800	3.27
NCBR2008	3/4" : 20	17.2	2400	4.35
NCBR2010	3/4" : 20	17.2	3000	5.44



Sectional Copperbonded Ground Rods

- For use when it is necessary to deep-drive rods
- Cold-rolled threads - stronger than cut threads

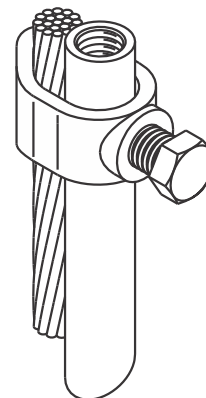
Material: Pure copper molecularly bonded onto a steel core. **Copper thickness :** 250 Micron Min.

- Resist corrosion better than galvanized rods allowing for a 30-year service life in most soils
- State of the art manufacturing process ensures uniform plating thickness
- Average tensile strength of 80,000 psi and straightness tolerance of .010" per linear

ROD TO CABLE CLAMP : A TYPE

Nexus rod to cable type A clamps are designed to join various sizes of cable to the earth rods.

The clamps have a high resistance to corrosion and are mechanically strong to ensure a lasting connection.



PRODUCT CODE	ROD DIA (MM)	MAX CONDUCTOR SIZE (MM²)	WEIGHT (Kg)
NAC1	5/8 : 16	6-95	0.05
NAC2	3/4 : 20	6-95	0.05

Material: Gunmetal

COUPLING : COPPERBOND ELECTRODE

Nexus couplers are counter bored to completely enclose threads & protect them from damage and corrosion.



PRODUCT CODE	DESCRIPTION	LENGTH (MM)	BODY DIA (MM)	WEIGHT (KG)
NC16	16mm ROD COUPLING 5/8" UNC	68	22	0.08
NC20	20mm ROD COUPLING 3/4" UNC	79	24	0.13

Material: Gunmetal

DRIVING STUD : COPPERBOND ELECTRODE

Nexus driving Stud are used to drive tee earth rod to the ground.

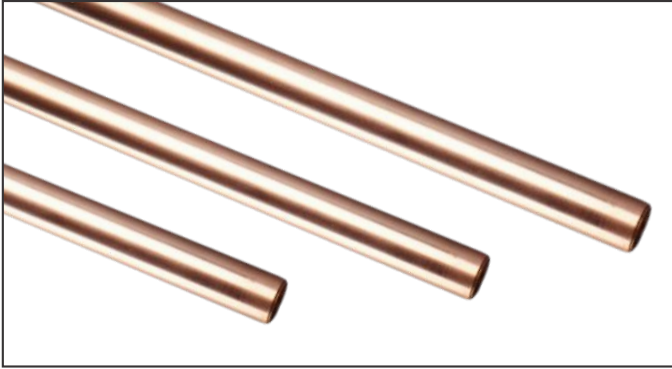


PRODUCT CODE	DESCRIPTION	LENGTH (MM)	HEAD DIA (MM)	WEIGHT (KG)
NS16	16mm DRIVING STUD 5/8" UNC	54	22	0.08
NS20	20mm DRIVING STUD 3/4" UNC	62	25	0.12

Material: High tensile Steel.

SOLID COPPER EARTH ROD

"Nexus" solid copper earth rod are made from 99.9% pure electrolytic copper. Solid copper rods offers greater resistance to corrosion. They are ideally used in applications where soil conditions are very aggressive, for eg. soil with high salt content.

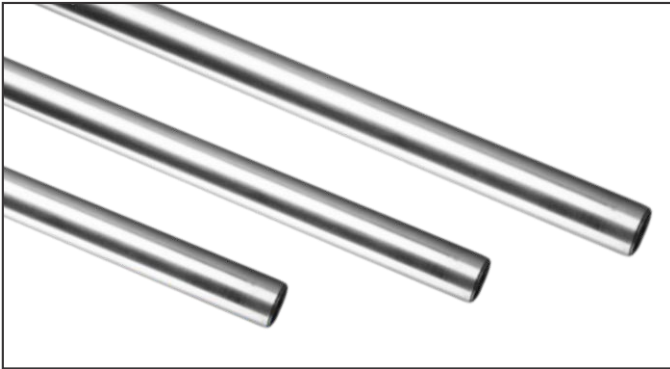


PRODUCT CODE	INTERNAL THREAD SIZE (MM)	DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NCS1612	M10	16	1200	2.05
NCS1615	M10	16	1500	2.50
NCS1618	M10	16	1800	3.00
NCS1624	M10	16	2400	4.00
NCS1630	M10	16	3000	5.00
NCS2012	M10	20	1200	3.35
NCS2015	M10	20	1500	4.20
NCS2018	M10	20	1800	5.04
NCS2024	M10	20	2400	6.72
NCS2030	M10	20	3000	8.40
NCS2512	M10	25	1200	5.20
NCS2515	M10	25	1500	6.50
NCS2518	M10	25	1800	7.80
NCS2524	M10	25	2400	10.40
NCS2530	M10	25	3000	12.95

Material: Cu-ETP, UNS C11000, BS C101

STAINLESS STEEL EARTH ROD

"Nexus" stainless steel ground rods are used to overcome many of the problems caused by galvanic corrosion which can take place between dissimilar metals buried in close proximity. Other advantages of stainless steel rod are that they are highly resistant to corrosion and are much more anodic than copper.



PRODUCT CODE	INTERNAL THREAD SIZE (MM)	DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NSS1612	M10	16	1200	1.88
NSS1615	M10	16	1500	2.35
NSS1618	M10	16	1800	2.82
NSS1624	M10	16	2400	3.77
NSS1630	M10	16	3000	4.70
NSS2012	M10	20	1200	2.93
NSS2015	M10	20	1500	3.67
NSS2018	M10	20	1800	4.40
NSS2024	M10	20	2400	5.85
NSS2030	M10	20	3000	7.32
NSS2512	M10	25	1200	4.90
NSS2515	M10	25	1500	6.15
NSS2518	M10	25	1800	7.35
NSS2524	M10	25	2400	9.80
NSS2530	M10	25	3000	12.25

Material: Stainless Steel - AISI 316L

Note : Available in other Grades on request.

DRIVING HEAD

Nexus driving heads are designed to protect the internal thread and top of the earth rod when being driven in to the ground.

PRODUCT CODE	THREAD DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NDH16S	10	40	0.02
NDH20S	10	42	0.05
NDH25S	10	45	0.09
NDH16G	10	40	0.02
NDH20G	10	42	0.05
NDH25G	10	45	0.09

Material: Stainless Steel / Galvanized Steel



COUPLING DOWEL

Nexus coupling dowels are used to join earth rod.

PRODUCT CODE	THREAD DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NCD10S	10	40	0.02
NCD10B	10	40	0.02

Material: Stainless Steel / Brass



DRIVING SPIKE

Nexus driving spikes are designed to enable the earth rod to be driven in to the ground easily and protects the rod from being damaged.

PRODUCT CODE	THREAD DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NDS16S	10	40	0.02
NDS20S	10	55	0.05
NDS25S	10	60	0.10
NDS16G	10	40	0.02
NDS20G	10	55	0.05
NDS25G	10	60	0.10

Material: Stainless Steel / Galvanized Steel



CONCRETE EARTH PIT

Material : Concrete
 Dimensions : 310 mm (L) 310 mm (w) 170 mm (h)
 Product Code : NCEP
 Weight : 30kg

NEXUS Concrete Earth Pit is suitable for load rating to 5000 kgs. and can have an internal Earth Bar (5 hole OR 7 hole) fitted diagonally across in slots provided for multiple connections. It is made with a propitiatory mortar formulation with advanced polymer fibers & glass fibers for light weight, it also offers water resistance (low porosity) & high insulation properties, long life, stability under all weather conditions.

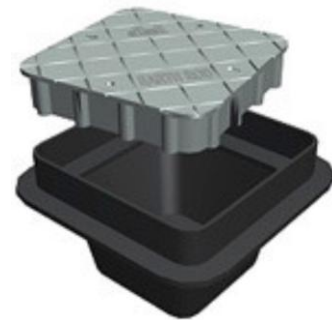


EARTH PIT / HOUSING

This 'NEXUS' Earth housing pit is manufactured from heavy high-grade polypropylene for high strength & stress levels to absorb a maximum load of 5000 kg. Stabilised against degradation by non-brittle and by sunlight to prevent cold weather damage. The light weight feature allows easy handling, storage and transportation, thus increasing installation efficiency. Termination area is increased by 100% due to simple locking of two units together, allowing deeper earth electrode connections to be made and reducing the effects from harmful voltage gradients.

Material : Plastic - Body & Cover
 Product Code : NEP
 Dimensions : 315 mm (L) 315 mm (w) 230 mm (h)
 Weight : 2.5 kgs

Material : Plastic Body & Metal Cover
 Product Code : NEPM
 Dimensions : 315 mm (L) 315 mm (w) 230 mm (h)
 Weight : 5.0 kgs



EARTH ROD SEALS

The earth rod seal is fitted when the earth rod connection is below the water level and where there is a possibility of water entering the inspection housing from below ground. NEXUS earth seals are specifically designed to suit earth Rods of various diameters from 1/2" to 3/4". These seals are used along with NEXUS Earth Pits.

Material : Plastic
 Product Code : NCRS -1234 (Single) (Weight: 2kgs)
 NCRS-5678 (Double) (Weight: 3kgs)

P.S.: Please specify Earth Rod diameter to be used with.



BENTONITE

Bentonite is a moisture retaining clay used as an earth electrode back-fill to help lower soil resistivity. The clay is a sodium activated montmorillonite, which when mixed with water swells to many times its original dry volume. Bentonite is supplied in powder form. It is a preferred option for pouring into bore holes to ensure the mixture is a thin enough consistency to reach the bottom of the hole. The typical expansion ratio when mixed with water is 2:1.

Prod. Code : NBEC 25



25 Kg.

EARTH BARS FOR EARTH PITS

Nexus Earth Bars are used when multiple connections to the ground rod are required. They fit into the slots provided in the earth pits.

PRODUCT CODE	NO. OF HOLES	HOLES (MM)	LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)
NCEBC 05	5	12	290	30	6
NCEBC 07	7	12	290	30	6



Personalized Earth bars available on request as per customer specification.

Material: Cu-ETP, UNS C11000, BS C101

SOLID COPPER PLATES

Nexus solid copper plates are mainly used for grounding purposed earthing protection. They provide a long lasting solution where earth rods are not fit to be used. Nexus offers its customers a wide range of solid copper plates. Also known as earth plates or ground plates, which are fabricated out of electrolytic copper.

PRODUCT CODE	THICKNESS (mm)	LENGTH X WIDTH (MM)	WEIGHT (KG)
NCP60015	1.5	600 x 600	5.00
NCP60030	3.0	600 x 600	11.20
NCP60060	6.0	600 x 600	22.40
NCP90015	1.5	900 x 900	9.74
NCP90030	3.0	900 x 900	21.75
NCP90060	6.0	900 x 900	43.50



Material: Cu-ETP, UNS C11000, BS C101

OTHER SIZES AVAILABLE UPON REQUEST.
Other Grades available on request.

LATTICE COPPER EARTH MATS

Nexus lattice copper earth mats are used where step potential could cause problems.

They are a lower cost option to the solid plates and when used with Bentonite, they provide a long lasting earth solution.

Generally used as an electrode where significant amounts of fault current can be encountered.

PRODUCT CODE	THICKNESS (mm)	LENGTH X WIDTH (MM)	GRID	WEIGHT (KG)
NLM500	3.0	500 x 500	4 BARS	3.60
NLM600	3.0	600 x 600	5 BARS	4.02
NLM900	3.0	900 x 900	5 BARS	6.03



Material: Cu-ETP, UNS C11000, BS C101

OTHER SIZES AVAILABLE UPON REQUEST.

SOLID COPPER EARTH ROD

Air Rod can be installed with or without Multiple Point.



PRODUCT CODE	ROD DIAMETER (MM)	ROD LENGTH (MM)	THREAD DIAMETER (IN)
NSC - 50	15	500	5/8
NSC - 100	15	1000	5/8
NSC - 200	15	2000	5/8

Material: Cu-ETP, UNS C11000, BS C101

MULTIPLE POINT

Multiple Point is used with Elevation rod.

PRODUCT CODE	ROD DIAMETER (MM)
NMPB - 16	16 mm or 5/8"
NMPB - 20	20mm or 3/4"

PRODUCT CODE	ROD DIAMETER (MM)
NMPC - 16	16 mm or 5/8"
NMPC - 20	20mm or 3/4"

Material: Copper Alloy



NMPB

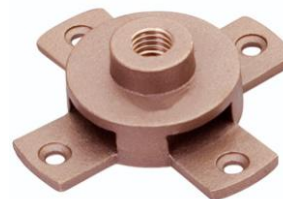


NMPC

TERMINAL BASE

For supporting lightning Air terminal.

PRODUCT CODE	ROD DIAMETER (MM)
NTB - 16	16 mm or 5/8"
NTB - 20	20mm or 3/4"



Material : Gunmetal

AERIAL ROD + MULTIPLE POINT + TERMINAL BASE

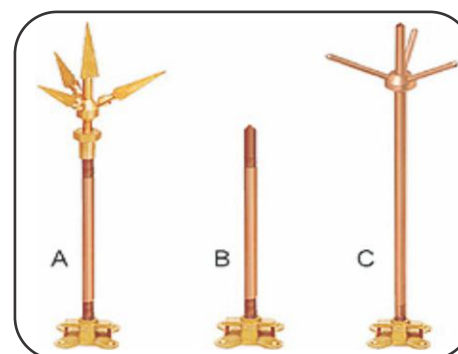
PRODUCT CODE	ITEM
NCLA - 144	A
NCLA - 14	B
NCLA - 154	C

Material :

Aerial Rod : Cu-ETP

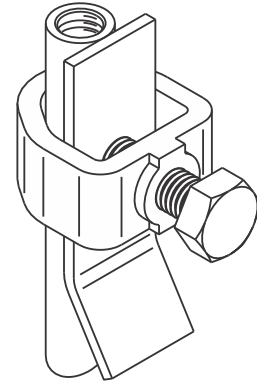
Multiple Point : Copper Alloy

Terminal Base : Gunmetal



ROD TO TAPE CLAMP : B TYPE

These clamps are made from copper alloy body which gives strong resistance to corrosion.

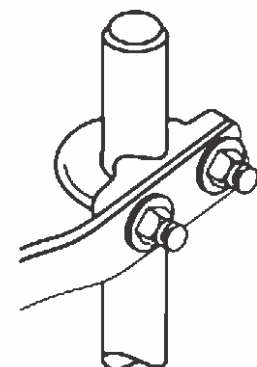


PRODUCT CODE	ROD DIA (MM)	MAX CONDUCTOR SIZE	WEIGHT (Kg)
NBC16	5/8 : 16	29 x 16	0.15
NBC20	3/4 : 20	29 x 13	
NBC16H	5/8 : 16	54 x 16	0.30
NBC20H	3/4 : 20	54 x 13	

Material: Gunmetal

ROD TO TAPE CLAMP : U BOLT SINGLE PLATE TYPE

These are made from copper with gunmetal plate
They can be supplied for all the rods from 5/8" to 1" and copper tape



PRODUCT CODE	ROD DIA (MM)	HOLE CENTRES (MM)	WEIGHT (Kg)
NUU16	5/8 : 16	37	0.20
NUU20	3/4 : 20	37	0.21
NUU25	1 : 25	37	0.22

Material: Body - Gunmetal

'U' bolt material - Copper Alloy

ROD TO TAPE CLAMP : U BOLT DOUBLE PLATE TYPE

Nexus rod to tape type 'U' Bolt double plate clamps are designed to join 25 x 3 conductor tape to the earth electrode / rebar, without the need to drill the tape.

These clamps have a high resistance to corrosion and are mechanically strong to ensure a lasting connection.

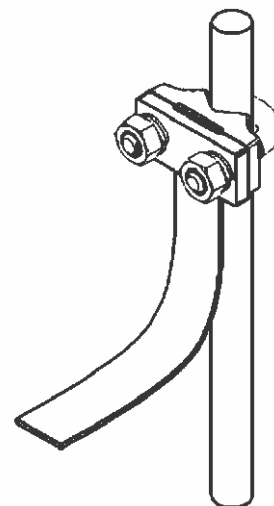


PRODUCT CODE	ROD DIA (MM)	TAPE WIDTH (MM)	WEIGHT (Kg)
NUS16	5/8 : 16	25	0.30
NUS20	3/4 : 20	25	0.34
NUS25	1 : 25	25	0.38

Material:

Body - Gunmetal

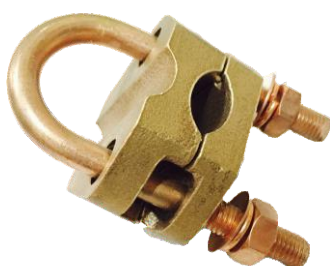
'U' bolt material - Copper Alloy



ROD TO CABLE CLAMP : GUV TYPE

Nexus GUV type clamps are designed to join various sizes of cable to earth electrodes / rebar's etc.

These clamps have a high resistance to corrosion and are mechanically strong to ensure a lasting connection.

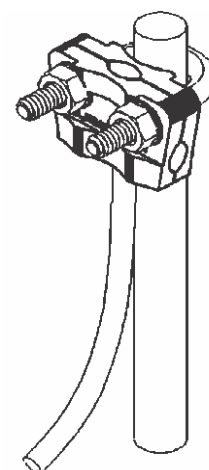


PRODUCT CODE	ROD DIA (MM)	CONDUCTOR RANGE (MM ²)	WEIGHT (Kg)
NGUV16-70	5/8 : 16	16-70	0.38
NGUV20-70	3/4 : 20	16-70	0.38
NGUV16-185	5/8 : 16	70-185	0.38
NGUV20-185	3/4 : 20	70-185	0.38
NGUV16-300	5/8 : 16	70-185	0.62
NGUV20-300	3/4 : 20	70-185	0.62

Material:

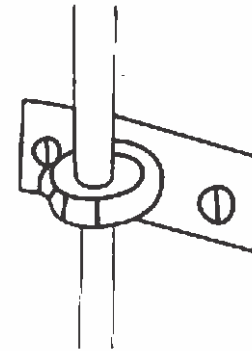
Body - Gunmetal

'U' bolt material - Copper Alloy



SIDE MOUNTED ROD BRACKETS

Above bracket provides a 75 mm projection from the face of the wall.

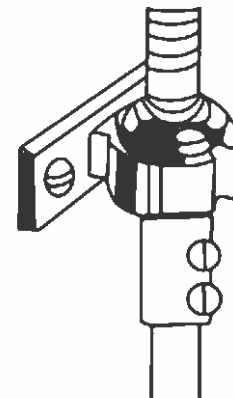


PRODUCT CODE	ROD DIAMETER (MM)	WEIGHT (Kg)
NSM10	10	0.91
NSM16	16	0.91
NSM20	20	1.10

Material: Gunmetal

ROD TO TAPE COUPLING

Used to secure elevation rod by means of a bolted connection.



PRODUCT CODE	CONDUCTOR SIZE (MM)	ROD DIA (MM)	WEIGHT (Kg)
NRT16	25 x 3	16	0.23

Material: Gunmetal

PUDDLE FLANGES

Nexus puddle flanges are designed to take lightning conductors through roofs.

PRODUCT CODE	CONDUCTOR SIZE (MM)	WEIGHT (Kg)
NPF	150 x 150 x 625	1.54

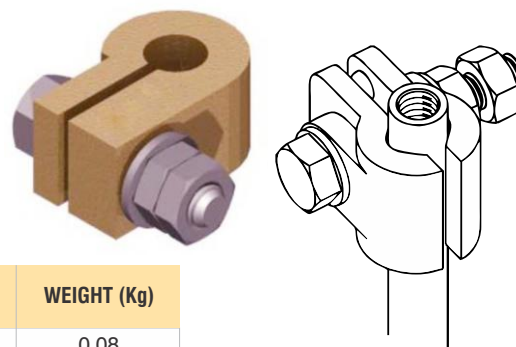
Material : Copper / Steel Copper Bonded



ROD TO CABLE LUG CLAMP : D TYPE

Nexus rod to cable lug type clamps are designed to join various sizes of compression lugs to the earth electrode.

These clamps have a high resistance to corrosion and are mechanically strong to ensure a lasting connection.



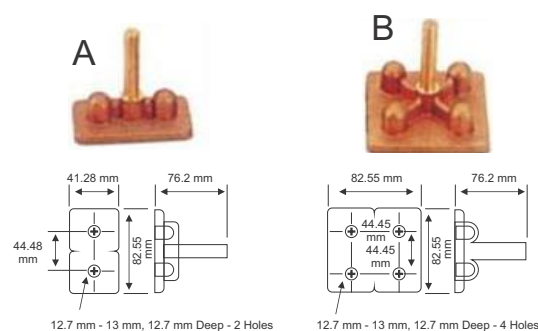
PRODUCT CODE	ROD DIA (MM)	BOLT SIZE	ROD TYPE	WEIGHT (Kg)
NCKH10	9.5mm	08	COPPERBOND	0.08
NCKH16	16mm	10	COPPERBOND	0.20
NCKH15S	20mm	10	SOLID COPPER	0.35

Material: Gunmetal
Fastener : Stainless Steel
High strength copper alloy.

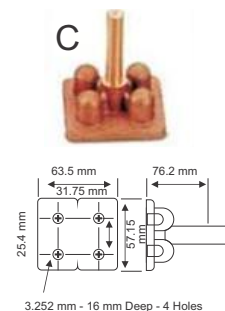
EARTH POINT

These Plates when used in concrete structures offer convenient ground system connection points. They are used where reinforcing bars are electrically continuous & are to be used as down conductors. These earth points allow easy access for the lightning protection & earthing system.

PRODUCT CODE	DRAWING No.	EARTH BOSS	HOLE
NCCP2120	A	120	2 HOLE
NCCP4120	B	120	4 HOLE
NCCP4240	B	240	4 HOLE
NCCPL4240	C	240	4 HOLE



Material: Gunmetal



EARTH POINTS : COMPLETE WITH TAIL

PRODUCT CODE	DRAWING No.	HOLE	COVER PLATE	TAIL LENGTH (MM)
NEPT2120	A	2 HOLE	NO	500
NEPT2120P	A	2 HOLE	YES	500
NEPT4120	B	4 HOLE	NO	500
NEPT4120P	B	4 HOLE	YES	500
NEPT4240	C	4 HOLE	NO	500
NEPT4240P	C	4 HOLE	YES	500

Material:
Body: Gunmetal.
Tail: Green/Yellow copper cable.



OBLONG TEST CLAMP

These are used with bare copper tape conductor



PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE (mm)	WEIGHT (Kg)
NOT253	COPPER	25 x 3	0.40
NOT316	COPPER	31 x 6	0.40
NOT506	COPPER	50 x 6	0.50

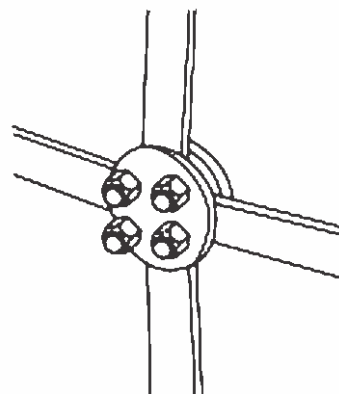
Material: Gunmetal

TEST BOND / TEST CLAMP

These are used for 4-way copper tape connection.

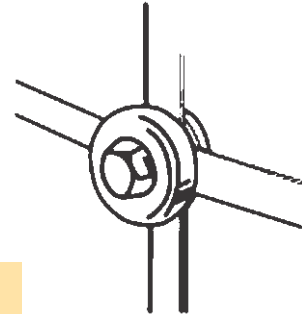
PRODUCT CODE	CONDUCTOR DIA (mm)	CONDUCTOR MATERIAL	WEIGHT (Kg)
NTBC253	25X3	COPPER	0.90

Material: Gunmetal.



SCREW DOWN TEST CLAMP

These are used for fixing 2 way copper tape.

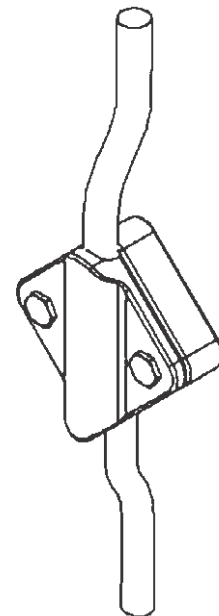


PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE (mm)	WEIGHT (Kg)
NSDTC253	COPPER	25 x 3	0.84

Material: Gunmetal.

CABLE TEST CLAMP

NEXUS cable test clamps are used to form a disconnecting joint between the down conductor system and the earthing system. The conductors are overlapped end to end and are secured together using two bolts.

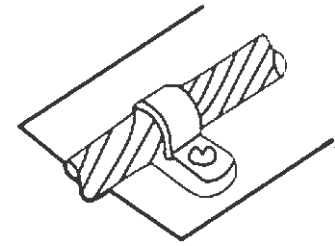


PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE (mm)	WEIGHT (Kg)
NCTC50	COPPER	50	0.40
NCTC70	COPPER	70	0.40
NCTC95	COPPER	95	0.40

Material: Gunmetal.

ONE HOLE CABLE CLIP : CIRCULAR CONDUCTOR

These are recommended to fix cable conductors

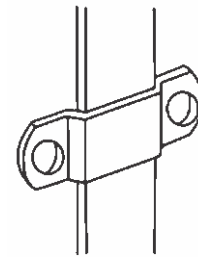


PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR DIA (mm)	WEIGHT (Kg)
NOH8	COPPER	8.0	0.01
NOH12	COPPER	12.0	0.01
NOH16	COPPER	16.0	0.02
NOH20	COPPER	20.0	0.02

Material: Copper

TAPE CLIP : FLAT CONDUCTOR

These are used with bare copper tape



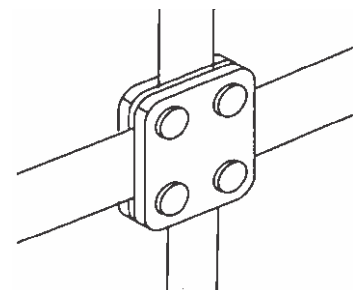
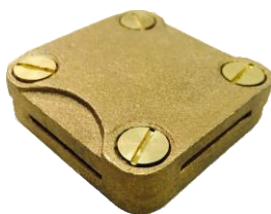
PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE (mm)	WEIGHT (Kg)
NTC203	BARE COPPER	20 x 3	0.02
NTC253	BARE COPPER	25 x 3	0.02
NTC253P	PVC COPPER	25 x 3	0.02

Material: Copper

SQUARE CLAMP : FLAT CONDUCTOR

These are suitable for 4- way connections of copper tape.

The base has a countersunk hole in the middle for fixing the clamp in place.



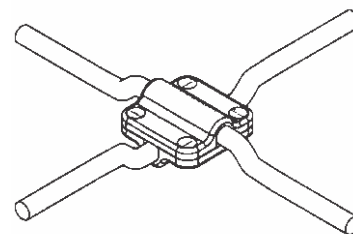
PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE (mm)	WEIGHT (Kg)
NSQCC253	COPPER	25 x 3	0.23
NSQCC256	COPPER	25 x 6	0.44
NSQCC313	COPPER	31 x 3	0.30
NSQCC406	COPPER	40 x 6	0.79
NSQCC506	COPPER	50 x 6	1.00

Material: Gunmetal

SQUARE CLAMP : CIRCULAR CONDUCTOR

Nexus square clamps are designed for a four way connection and are suitable for crossing over cable, straight through joints or 'T' connections to form a continuous network of cables.

The base has a countersunk hole in the middle for fixing the clamp in place.



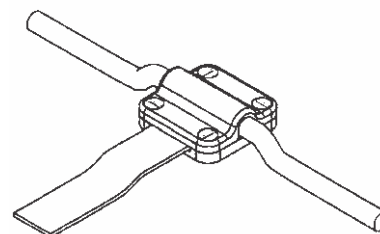
PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE (mm / mm ²)	WEIGHT (Kg)
NSCC50	COPPER	50	0.30
NSCC70	COPPER	70	0.26
NSCC95	COPPER	95	0.33
NSCC08	COPPER	8 DIA	0.23

Material: Gunmetal

SQUARE CLAMP : TAPE TO CIRCULAR CONDUCTOR

Nexus square clamps are designed for a four way connection and are suitable for crossing over tapes and cables together in straight through joints or 'T' connections to form a continuous network of tapes and cables.

The base has a countersunk hole in the middle for fixing the clamp in place.



PRODUCT CODE	CONDUCTOR SIZE (mm)	CONDUCTOR RANGE (mm / mm ²)	WEIGHT (Kg)
NCTJ08	25 x 3	8 DIA.	0.16
NCTJ50	25 x 3	50	0.16
NCTJ70	25 x 3	70	0.14
NCTJ95	25 x 3	95	0.12

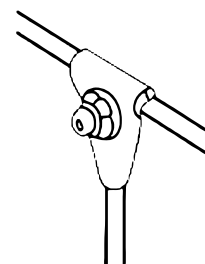
Material: Gunmetal.

TEE CLAMP

These are used for forming and bonding Tee Joint for conductor

PRODUCT CODE	CONDUCTOR DIA (mm)	CONDUCTOR MATERIAL	WEIGHT (Kg)
NTEC08	8.0	COPPER	0.17

Material: Gunmetal

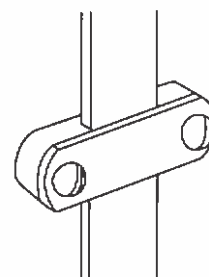


DC TAPE CLIPS : FLAT CONDUCTOR

These are used with bare copper tape conductor

PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE	WEIGHT (Kg)
NDTC253	BARE COPPER	25 x 3	0.08
NDTC256	BARE COPPER	25 x 6	0.10
NDTC283	BARE COPPER	28 x 3	0.09
NDTC286	BARE COPPER	28 x 6	0.10
NDTC406	BARE COPPER	40 x 6	0.14
NDTC506	BARE COPPER	50 x 6	0.17

Material: Gunmetal



HEAVY DUTY CAST CABLE SADDLE

These are used with 8 mm conductor or for supporting air terminals when used in conjunction with wall mounted air terminal base

PRODUCT CODE	CONDUCTOR TYPE	CONDUCTOR SIZE	WEIGHT (Kg)
NDTC502	BARE COPPER	50mm ²	0.10
NDTC702	BARE COPPER	70mm ²	0.10
NDTC952	BARE COPPER	95mm ²	0.10
NDTC08	BARE COPPER	8mm	0.10

Material: Gunmetal



BI - METALLIC CONNECTOR

These are used for joining aluminium and copper circular conductors, particularly when copper is used as Earthing in aluminium lightning protection systems.

Sr. No	PRODUCT CODE	APPLICATION	MATERIAL
1	NBI253	25 X 3	STAINLESS STEEL
2	NBI08	8 mm Dia	STAINLESS STEEL
3	NBI08253	25 x 3 to 8 mm Dia	STAINLESS STEEL
4	NBI8	8 mm Dia. Al to 8 mm Dia. Cu	COPPER / ALUMINIUM
5	NBI825	8 mm Dia. Al to 25 x 3 Cu Tape	COPPER / ALUMINIUM
6	NBI253	25 x 3 Al Tape to 25 x 3 Cu Tape	COPPER / ALUMINIUM

Other sizes available on request.



SPLIT BOLT CONNECTOR H TYPE

Our range of Split Bolt Connectors with Round Head is used for joining aerial hard drawn copper conductors or insulated copper conductors. Split bolts are made from a high conductivity copper alloy with captive saddle, which applies a distributed pressure to conductors. The head of the split bolt is suitable for standard spanner to fit in. We also can supply these in natural copper alloy or electro tinned.

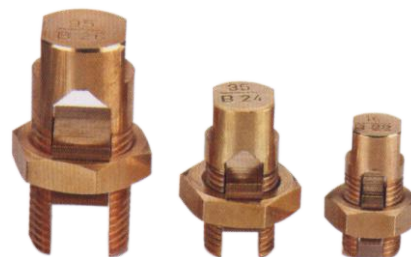
Technical Data:

Conductive Material:
Copper alloy

Operating Temperature:-
55°C to 100°C

Electroplating Material:
Tin 99.7% pure

PRODUCT CODE	MAX. COND. SIZE (mm ²)	SLOT WIDTH mm ²	CROSS REFERENCE
NSBC12	16	6.6	-
NSBC22A	25	5.3	Type A
NSBC24B	35	8.3	Type B
NSBC25C	70	10.9	Type C
NSBC26D	95	12.9	Type D
NSBC28E	185	18.5	Type E

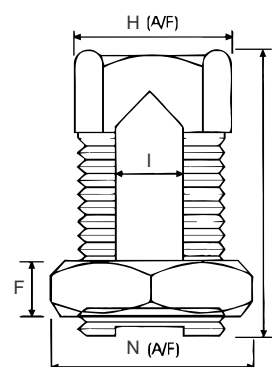
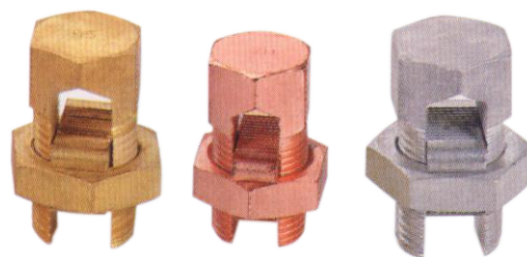


SPLIT BOLT CONNECTORS

We offer a wide range of line taps to meet the material and dimensional specifications laid by different international standards. Brass line taps are made with high tensile brass as per BS 2874 – CZ 112. Threads are formed by rolling process giving the nut extra clamping force. Pressure pads are made from extruded bars (not cast), preventing the pads from cracking. Brass line taps are manufactured in passivated natural brass with electro tinned finish. These are also supplied in high conductivity copper.

PRODUCT CODE	CABLE SIZE MM ²	I	H a/f	N a/f	F	L
NSBC 6	6	4.00	12.70	13.35	4.80	19.85
NSBC 10	10	4.70	12.70	19.00	5.60	26.75
NSBC 16	16	5.70	12.70	19.00	5.60	26.00
NSBC 25	25	7.30	16.00	19.00	5.60	28.00
NSBC 35	35	7.80	18.50	24.00	6.35	35.00
NSBC 50	50	9.70	24.10	27.20	8.65	42.00
NSBC 70	70	11.50	24.10	27.20	8.65	44.50
NSBC 95	95	14.40	26.50	35.40	9.40	50.00
NSBC 120	120	16.20	30.00	35.40	12.00	57.50
NSBC 150	150	16.20	30.00	35.40	12.00	57.50
NSBC 185	185	18.20	31.75	38.00	12.00	57.50
NSBC 240	240	22.00	40.00	48.20	14.25	72.50
NSBC 300	300	24.00	42.00	50.00	14.25	72.50
NSBC 400	400	26.00	48.00	56.00	16.00	76.50
NSBC 500	500	30.00	55.00	65.00	16.00	80.00

Material : Copper alloy.

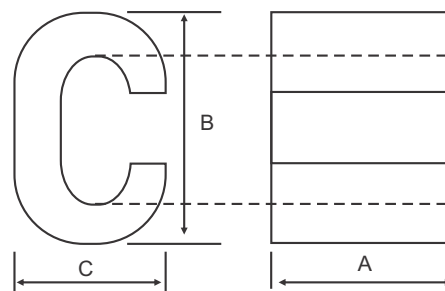


COPPER 'C' TYPE CONNECTORS

PRODUCT CODE	CABLE SIZE MM ²	DIMENSIONS		
		A	B	C
NCC 6 - 6	C6 - C6	9	9,8	6,4
NCC 10 - 10	C10 - C10	12	12,6	8,4
NCC 16 - 16	C16 - C16	17	19,4	12,0
NCC 25 - 25	C25 - C25	17	21,4	13,0
NCC 35 - 35	C35 - C35	21	26,6	15,6
NCC 50 - 50	C50 - C50	26	38,0	21,0
NCC 70 - 70	C70 - C70	28	34,0	21,0
NCC 95 - 95	C95 - C95	29	41,0	26,0
NCC 120 - 120	C120 - C120	30	45,0	28,0
NCC 150 - 150	C150 - C150	30	48,0	28,0
NCC 185 - 185	C185 - C185	32	52,0	32,0
NCC 240 - 240	C240 - C240	32	55,0	38,0

Add "T" for Tinned Connectors **Note** : All dimensions in mm

Material: Cu-ETP, UNS C11000, BS C101



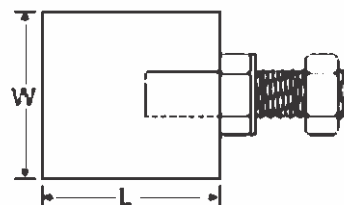
EARTH BOSS

Earth Boss for welding to steel vessel, tanks and structures etc.

Connections to be wrapped with Denso Tape to stop the ingress of moisture.

Comes with complete A2 Stainless Steel dowel, flat washer, spring washer & two nuts.

Phosphor Bronze fixing assembly is available upon request. Add "/PB" to the end of the Part Number to specify Phosphor Bronze Assembly.



PRODUCT CODE	DIAMETER (MM)	LENGTH (MM)	THREAD SIZE	WEIGHT (Kg)
NEB25M08	25	25	M08	0.09
NEB30M08	30	30	M08	0.16
NEB30M10	30	30	M10	0.18
NEB40M10	40	40	M10	0.41
NEB40M12	40	40	M12	0.43
NEB50M10	50	50	M10	0.78
NEB50M12	50	50	M12	0.78

Material:

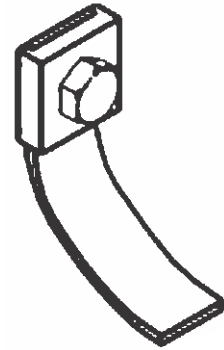
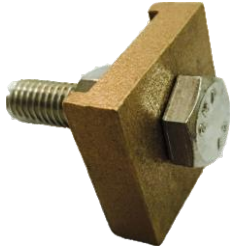
Body : Mild steel (Stainless Steel on request)

Fasteners : Stainless Steel

Other sizes / configurations available upon request.

TOWER BOND CLAMP : FLAT SURFACES

Nexus Tower bond connections are designed to bond either copper or Aluminium conductor to flat metal surfaces.

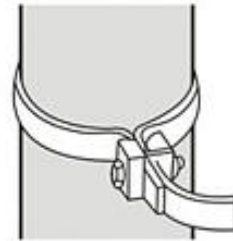


PRODUCT CODE	CONDUCTOR SIZE (MM)	BOLT SIZE	CONDUCTOR MATERIAL	WEIGHT (Kg)
NB26	25 X 3	10	COPPER	0.10

Material: Gunmetal.

RWP BOND CLAMP

These are used for bonding tape to rain water pipes, handrails etc



PRODUCT CODE	CONDUCTOR SIZE (MM)	BOLT SIZE	CONDUCTOR MATERIAL	WEIGHT (Kg)
NRW26	26	M10	COPPER	0.2

Material: Gunmetal.

WATERMAIN BOND

These are used for bonding copper tape to water main pipes



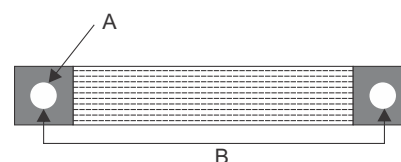
PRODUCT CODE	CONDUCTOR SIZE (MM)	BOLT SIZE	CONDUCTOR MATERIAL	WEIGHT (Kg)
NWMB26	26	M10	COPPER	0.15

Material: Gunmetal.

FLEXIBLE FLAT COPPER BRAID BOND

COPPER BRAID

PRODUCT CODE	LENGTH B (MM)	OVERALL DIMENSIONS (MM)	HOLE DIA A (MM)	CROSS-SEX AREA (MM ²)	WEIGHT (Kg)
NCBB200/6/7	200	12 x 1	7.0	6.0	0.01
NCBB400/6/7	400	12 x 1	7.0	6.0	0.02
NCBB200/10/7	200	15 x 1.5	7.0	10	0.02
NCBB400/10/7	400	15 x 1.5	7.0	10	0.04
NCBB200/16/9	200	19 x 2.5	9.0	16	0.03
NCBB400/16/9	400	19 x 2.5	9.0	16	0.06
NCBB200/25/11	200	25 x 3	11	25	0.05
NCBB400/25/11	400	25 x 3	11	25	0.10
NCBB200/35/11	200	25 x 3.5	11	35	0.09
NCBB400/35/11	400	25 x 3.5	11	35	0.15
NCBB200/50/11	200	30 x 5	11	50	0.10
NCBB400/50/11	400	30 x 5	11	50	0.20
NCBB200/70/13	200	32 x 6	13	70	0.13
NCBB400/70/13	400	32 x 6	13	70	0.25
NCBB200/95/13	200	37 x 6	13	95	0.19
NCBB400/95/13	400	37 x 6	13	95	0.37
NCBB200/120/17	200	45 x 6	17	120	0.23
NCBB400/120/17	400	45 x 6	17	120	0.46
NCBB200/150/17	200	50 x 8	17	150	0.30
NCBB400/150/17	400	50 x 8	17	150	0.60



Flexible copper or flexible tinned copper braid terminated with pressed ferrule connector at each end, suitable for bonding gates, doors, fences etc.

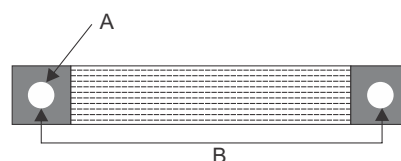
Other sizes, materials, hole sizes etc. available upon request.

Material: Cu ETP, UNS C11000, BS C101
Available in Bare Copper & Tinned Copper

FLEXIBLE CIRCULAR COPPER BRAID BOND

COPPER BRAID

PRODUCT CODE	LENGTH B (MM)	OVERALL DIMENSIONS (MM)	HOLE DIA (MM)	CROSS-SEX AREA (MM ²)	WEIGHT (Kg)
NCRB200/6/7	200	4.2	7.0	6.0	0.01
NCRB400/6/7	400	4.2	7.0	6.0	0.02
NCRB200/10/7	200	5.4	7.0	10	0.02
NCRB400/10/7	400	5.4	7.0	10	0.04
NCRB200/16/9	200	7.0	9.0	16	0.03
NCRB400/16/9	400	7.0	9.0	16	0.06
NCRB200/25/11	200	8.5	11	25	0.05
NCRB400/25/11	400	8.5	11	25	0.10
NCRB200/50/11	200	11.5	11	50	0.10
NCRB400/50/11	400	11.5	11	50	0.20
NCRB200/70/13	200	14.5	13	70	0.13
NCRB400/70/13	400	14.5	13	70	0.25
NCRB200/95/13	200	16.0	13	95	0.19
NCRB400/95/13	400	16.0	13	95	0.37



Flexible copper or flexible tinned copper braid terminated with pressed ferrule connectors at each end, suitable for bonding gates, doors, fences etc.

Other sizes, materials, hole sizes etc. available upon request.

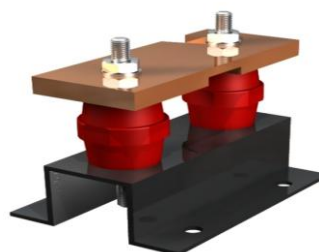
Material: Cu ETP, UNS C11000, BS C101
Available in Bare Copper & Tinned Copper

DISCONNECTING LINKS

As periodic testing or inspections may require the isolation of earth connections this disconnecting link provides the means to do so.

PRODUCT CODE	L mm	W mm	H mm	Pack Qty.	Unit Wt. kg
NDL01	120	90	90	1	0.60

Material : 50x6 mm hard drawn copper bar
Base : Steel Powder Coated (Colour - Black)
Fasteners : Stainless Steel 316L (other grade on request)



STANDARD EARTH BAR

PRODUCT CODE	DESCRIPTION	DIMANSIONS (MM) L x W x H
NEB6	6 WAY EARTH BAR	300 x 90 x 90
NEB8	8 WAY EARTH BAR	450 x 90 x 90
NEB10	10 WAY EARTH BAR	450 x 90 x 90
NEB12	12 WAY EARTH BAR	520 x 90 x 90
NEB14	14 WAY EARTH BAR	650 x 90 x 90
NEB16	16 WAY EARTH BAR	650 x 90 x 90
NEB18	18 WAY EARTH BAR	800 x 90 x 90
NEB20	20 WAY EARTH BAR	800 x 90 x 90
NEB22	22 WAY EARTH BAR	900 x 90 x 90
NEB24	24 WAY EARTH BAR	1050 x 90 x 90
NEB26	26 WAY EARTH BAR	1050 x 90 x 90
NEB28	28 WAY EARTH BAR	1250 x 90 x 90
NEB30	30 WAY EARTH BAR	1250 x 90 x 90



Material : 50x6 mm hard drawn copper bar
Base : Steel Powder Coated (Colour - Black)
Fasteners : Stainless Steel 316L
 (other grade on request)

The standard connections are M10. Other sizes are available upon request.
 Also available in Tin Plating on request.

SINGLE DISCONNECTING LINK

PRODUCT CODE	DESCRIPTION	DIMANSIONS (MM) L x W x H
NEB6-1	6 WAY EARTH BAR C/W SINGLE DISC. LINK	475 x 90 x 90
NEB8-1	8 WAY EARTH BAR C/W SINGLE DISC. LINK	575 x 90 x 90
NEB10-1	10 WAY EARTH BAR C/W SINGLE DISC. LINK	725 x 90 x 90
NEB12-1	12 WAY EARTH BAR C/W SINGLE DISC. LINK	825 x 90 x 90
NEB14-1	14 WAY EARTH BAR C/W SINGLE DISC. LINK	925 x 90 x 90
NEB16-1	16 WAY EARTH BAR C/W SINGLE DISC. LINK	1025 x 90 x 90
NEB18-1	18 WAY EARTH BAR C/W SINGLE DISC. LINK	1125 x 90 x 90
NEB20-1	20 WAY EARTH BAR C/W SINGLE DISC. LINK	1275 x 90 x 90
NEB22-1	22 WAY EARTH BAR C/W SINGLE DISC. LINK	1375 x 90 x 90
NEB24-1	24 WAY EARTH BAR C/W SINGLE DISC. LINK	1475 x 90 x 90
NEB26-1	26 WAY EARTH BAR C/W SINGLE DISC. LINK	1575 x 90 x 90
NEB28-1	28 WAY EARTH BAR C/W SINGLE DISC. LINK	1725 x 90 x 90
NEB30-1	30 WAY EARTH BAR C/W SINGLE DISC. LINK	1825 x 90 x 90



Material : 50x6 mm hard drawn copper bar
Base : Steel Powder Coated (Colour - Black)
Fasteners : Stainless Steel 316L
 (other grade on request)

The standard connections are M10. Other sizes are available upon request.
 Also available in Tin Plating on request.

TWIN DISCONNECTING LINK

PRODUCT CODE	DESCRIPTION	DIMANSIONS (MM) L x W x H
NEB6-2	6 WAY EARTH BAR C/W TWIN DISC. LINK	550 x 90 x 90
NEB8-2	8 WAY EARTH BAR C/W TWIN DISC. LINK	650 x 90 x 90
NEB10-2	10 WAY EARTH BAR C/W TWIN DISC. LINK	800 x 90 x 90
NEB12-2	12 WAY EARTH BAR C/W TWIN DISC. LINK	900 x 90 x 90
NEB14-2	14 WAY EARTH BAR C/W TWIN DISC. LINK	1000 x 90 x 90
NEB16-2	16 WAY EARTH BAR C/W TWIN DISC. LINK	1100 x 90 x 90
NEB18-2	18 WAY EARTH BAR C/W TWIN DISC. LINK	1200 x 90 x 90
NEB20-2	20 WAY EARTH BAR C/W TWIN DISC. LINK	1350 x 90 x 90
NEB22-2	22 WAY EARTH BAR C/W TWIN DISC. LINK	1450 x 90 x 90
NEB24-2	24 WAY EARTH BAR C/W TWIN DISC. LINK	1550 x 90 x 90
NEB26-2	26 WAY EARTH BAR C/W TWIN DISC. LINK	1650 x 90 x 90
NEB28-2	28 WAY EARTH BAR C/W TWIN DISC. LINK	1800 x 90 x 90
NEB30-2	30 WAY EARTH BAR C/W TWIN DISC. LINK	1900 x 90 x 90

The standard connections are M10. Other sizes are available upon request.

Also available in Tin Plating on request.



Material : 50x6 mm hard drawn copper bar
Base : Steel Powder Coated (Colour - Black)
Fasteners : Stainless Steel 316L
(other grade on request)

600 AMP & 1000 AMP : INCL. TINNED

PRODUCT CODE	DESCRIPTION	DIMANSIONS (MM) L x W x H	WEIGHT (Kg.)
NEB600	600amp EARTH BAR	285 x 70 x 80	1.30
NEB1000	1000amp EARTH BAR	520 x 90 x 90	3.24
NEB600/T	600amp TINNED EARTH BAR	285 x 70 x 80	1.30
NEB1000/T	1000amp TINNED EARTH BAR	520 x 90 x 90	3.24

Earth bars are an efficient and convenient way of providing a common earth point.

Nexus earth bars are supplied with a powder coated base as standard.

EBAR600 - 2 x M06 connections, 4 x M10 connections.

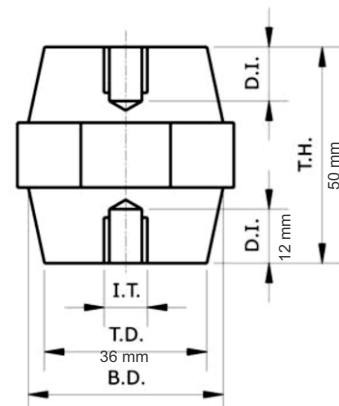
EBAR1000 - 9 x M08 connections, 5 x M12 connections.



Material : Hard drawn copper bar
Base : Steel Powder Coated (Colour - Black)
Fasteners : Stainless Steel 316L
(other grade on request)

INSULATORS

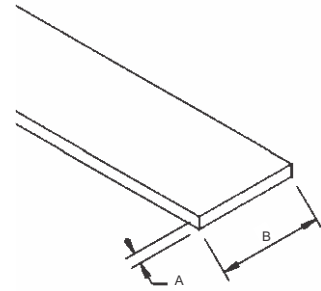
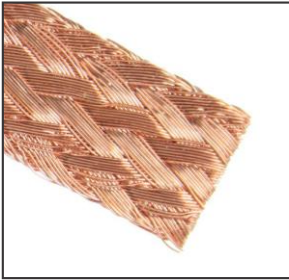
PRODUCT CODE	THREAD SIZE (IT)
NINS01	M8
NINS02	M10
NINS03	M12
NINS04	M14
NINS05	M16
NINS06	M20



Available in Hexagonal, Cylindrical & Conical Shapes

FLEXIBLE FLAT COPPER BRAID

Nexus flexible flat copper braid is suitable for applications of earth bonding. The braid can also be supplied as standard pre-cut and drilled braid bonds.



PRODUCT CODE	OVERALL NOMINAL	C.S.A. (MM ²)	WEIGHT (Kg)
NCFB1201	12 x 1.0	6.0	0.055
NCFB1515	15 x 1.5	10	0.096
NCFB1925	19 x 2.5	16	0.16
NCFB2530	25 x 3.0	25	0.25
NCFB2535	25 x 3.5	35	0.34
NCFB3050	30 x 5.0	50	0.49
NCFB3260	32 x 6.0	70	0.63
NCFB3760	37 x 6.0	95	0.93
NCFB4560	45 x 6.0	120	1.15
NCFB5080	50 x 8.0	150	1.45

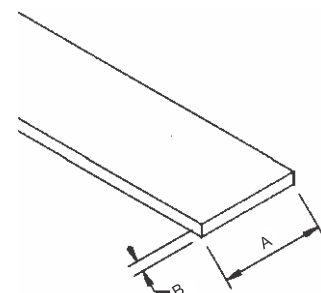
Material: Cu-ETP, UNS C11000, BS C101
Other sizes and types of braid can be made to order.

STAINLESS STEEL EARTHING TAPE

PRODUCT CODE	COND. SIZE (AxB)(mm)	WEIGHT (Kg/m)	COIL SIZE (m)
NCT2030	20x3	0.48	100
NCT2530	25x3	0.60	25 or 50
NCT2560	25x6	1.20	40
NCT3020	30x2	0.48	50
NCT3030	30x3	0.71	50
NCT5030	50x3	1.20	40
NCT5060	50x6	2.40	20

Material: Stainless Steel AISI 316L & AISI 316Ti

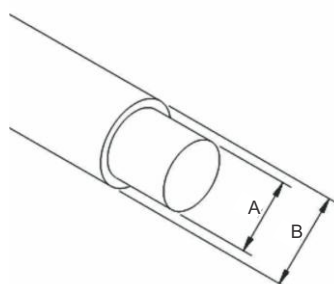
All Stainless steel tape supplied in specified sizes. other sizes on request.
All Stainless steel tape supplied & specified coil lengths and other coil length available on request.



SOLID CIRCULAR COPPER : PVC COVERED

Nexus offers a wide range of UV-stabilised PVC covered circular conductor in a range of different colours. These colours have been chosen to match the most common structural materials and will reduce the visual impact of a lightning protection conductor.

'B' is the conductor diameter including the PVC sheathing - 10mm.

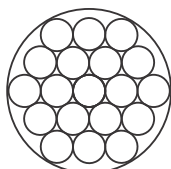


PRODUCT CODE	COLOUR	DIAMETER (A (mm))	COIL SIZE (m)	WEIGHT (Kg/m)
NBLCC	BLACK	8.0	50	0.49
NBRCC	BROWN	8.0	50	0.49
NGCC	GREY	8.0	50	0.49
NSCC	STONE	8.0	50	0.49
NWCC	WHITE	8.0	50	0.49

Material: Copper conductor to BS EN 13601

All PVC circular sold in the specified coil lengths only.

COPPER CABLE : BARE STRANDED



Material:
Soft drawn stranded copper cable to BS EN 60228.

**Stranding may vary.

PRODUCT CODE	C.S.A. (mm ²)	STRANDING No. / DIA (mm)**	NOMINAL DIAMETER (mm)	WEIGHT (Kg/m)
NCS006	6.0	7 / 1.04	3.12	0.05
NCS016	16	7/1.70	5.10	0.15
NCS025	25	7 / 2.14	6.42	0.23
NCS035	35	7 / 2.52	7.56	0.32
NCS050	50	19 / 1.78	8.90	0.43
NCS070	70	19 / 2.14	10.70	0.62
NCS095	95	19 / 2.52	12.60	0.86
NCS120	120	37 / 2.03	14.21	1.09
NCS150	150	37 / 2.25	15.75	1.33
NCS185	185	37 / 2.52	17.64	1.67
NCS240	240	61 / 2.25	20.25	2.20
NCS300	300	61 / 2.52	22.68	2.76
NCS400	400	61 / 2.85	25.65	3.53

COPPER CABLE : GREEN / YELLOW PVC COVERED

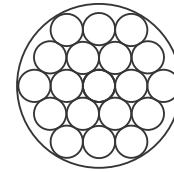
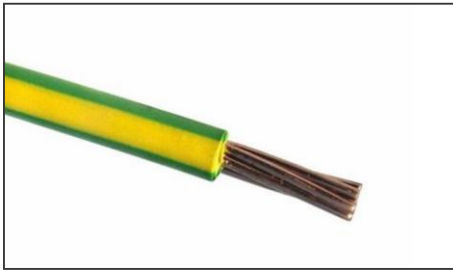


Illustration
Purpose Only

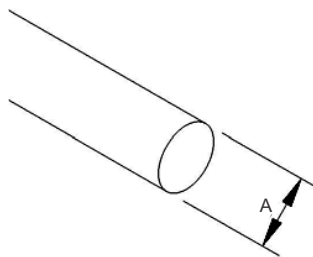
PRODUCT CODE	C.S.A. (mm ²)	STRANDING No. / DIA (mm)**	WEIGHT (Kg/m)
NCGY016	16	7/1.70	0.15
NCGY025	25	7 / 2.14	0.23
NCGY035	35	7 / 2.52	0.32
NCGY050	50	19 / 1.78	0.43
NCGY070	70	19 / 2.14	0.62
NCGY095	95	19 / 2.52	0.86
NCGY120	120	37 / 2.03	1.09
NCGY150	150	37 / 2.25	1.33
NCGY185	185	37 / 2.52	1.67
NCGY240	240	61 / 2.25	2.20
NCGY300	300	61 / 2.52	2.76
NCGY400	400	61 / 2.85	3.53

Material:

Soft drawn stranded copper cable to BS EN 60228.

**Stranding may vary.

SOLID CIRCULAR COPPER : BARE

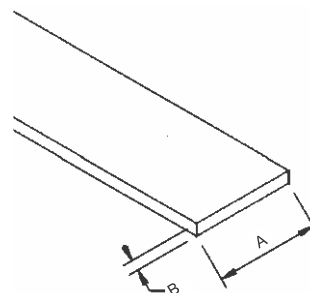


PRODUCT CODE	COND. SIZE (BxA)(mm)	WEIGHT (Kg/m)	COIL SIZE (m)
NC08	8.0	0.44	50

Material: Copper conductor to BS EN 13601

COPPER TAPE : BARE

Nexus copper tape is embossed 'Nexus' for identification purposes and is manufactured from high conductivity annealed copper.



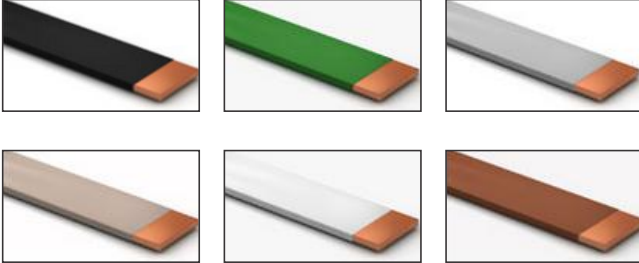
PRODUCT CODE	COND. SIZE (AxB)(mm)	C.S.A. (mm ²)	WEIGHT (Kg/m)	COIL SIZE (m)
NCT1215	12.5x1.5	18.75	0.17	100
NCT1230	12.5x3	37.50	0.33	100
NCT2015	20 x 1.5	30.00	0.27	100
NCT2030	20x3	60.00	0.53	100
NCT2515	25 x 1.5	37.50	0.33	100
NCT2530	25x3	75.00	0.67	25 or 50
NCT2540	25x4	100	0.89	50
NCT2560	25x6	150	1.34	40
NCT3020	30x2	60.00	0.53	50
NCT3030	30x3	90.00	0.80	50
NCT3040	30x4	120	1.07	40
NCT3050	30x5	150	1.33	40
NCT3130	31 x 3	93.00	0.83	50
NCT3160	31 x 6	186	1.65	30
NCT3830	38x3	114	1.01	50
NCT3850	38x5	190	1.69	30
NCT3860	38x6	228	2.03	25
NCT4030	40x3	120	1.06	40
NCT4040	40x4	160	1.42	30
NCT4050	40x5	200	1.78	25
NCT4060	40x6	240	2.13	25
NCT5030	50x3	150	1.33	40
NCT5040	50x4	200	1.78	30
NCT5050	50x5	250	2.22	20
NCT5060	50x6	300	2.68	20

Material: Copper to BS EN 13601
Available in Tinned Copper & Bare Copper

All copper tape sold in the specified coil lengths and other coil length available on request.

COPPER TAPE : PVC COVERED

Nexus offers a wide range of PVC covered tapes in a range of different colours. These colours have been chosen to match the most common structural materials and will reduce the visual impact of a lightning protection conductor.



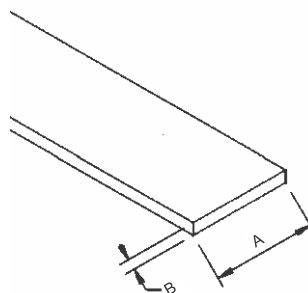
PRODUCT CODE	COND. SIZE (Y x X) (mm)	COLOUR	WEIGHT (Kg / m)	COIL SIZE (m)
NBL253	25 x 3	BLACK	0.78	25
NBR253	25 x 3	BROWN	0.78	25
NGR253	25 x 3	GREEN	0.78	25
NGY253	25 x 3	GREY	0.78	25
NS253	25 x 3	STONE	0.78	25
NW253	25 x 3	WHITE	0.78	25
NGR256	25 x 6	GREEN	1.53	20
NGR506	50 x 6	GREEN	2.96	20

Material: Copper to BS EN 13601

All PVC covered copper tape sold in the specified coil lengths & any other length on request.

COLOUR	COLOUR
BLACK	
GREEN	
GREY	
STONE	
WHITE	
BROWN	

COPPER BAR : PLAIN



PRODUCT CODE	COND. SIZE (AxB)(mm)	C.S.A. (mm ²)	LENGTH (m)	WEIGHT (Kg/m)
NCB253	25 x 3	75	2.0	0.67
NCB256	25 x 6	150	2.0	1.34
NCB323	32 x 3	93	2.0	0.83
NCB383	38 x 3	114	2.0	1.01
NCB386	38 x 6	228	2.0	2.03
NCB506	50 x 6	300	2.0	2.67
NCB5010	50 x 10	500	2.0	4.45
NCB606	60 x 6	600	2.0	3.20
NCB756	75 x 6	450	2.0	4.00
NCB1006	100 x 6	600	2.0	5.34

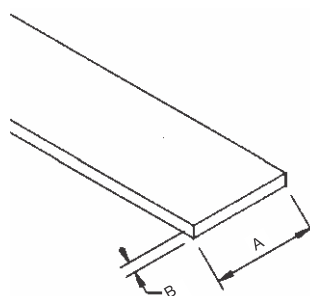
Material: : Cu ETP, UNS C11000, BS C101

Available in : Bare Copper / Tinned Copper

Other sizes are available on request.

Other lengths are available on request.

ALUMINIUM TAPE : BARE



PRODUCT CODE	OVERALL NOMINAL SIZE (A x B) (mm)	LENGTH (m)	WEIGHT (Kg/m)
NAT2530	25 x 3	50	0.21
NAT3030	30 x 3	50	0.25
NAT2560	25 x 6	50	0.42
NAT4060	40 x 6	50	0.67
NAT5060	50 x 6	50	0.85

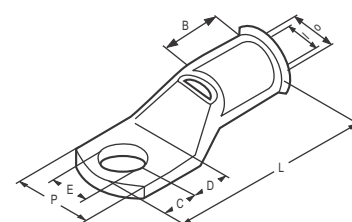
Material: High Conductivity Aluminium Grade 6063

All aluminium tape sold in the specified coil lengths only.

CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS - BELL MOUTH

Note : All dimensions in mm

Prod. Code	Cable mm ²	Stud Hole E	Dimensions						
			I	O	B	P	C	D	L
NTB -10- 5	10	M5.2	4.5	6.2	10	11	6	7	26
NTB -10- 6	10	M6.5	4.5	6.2	10	11	6	7	26
NTB -10- 8	10	M8.4	4.5	6.2	10	12	6	9	28
NTB -10- 10	10	M10.5	4.5	6.8	11	15	8	11	33
NTB -10- 12	10	M13	4.5	6.8	11	18	9	11	36
NTB -16- 5	16	M5.2	5.4	7.1	12	12	7	7	30
NTB -16- 6	16	M6.5	5.4	7.1	12	12	7	7	30
NTB -16- 8	16	M8.4	5.4	7.1	12	12	7	7	30
NTB -16- 10	16	M10.5	5.5	7.6	12	15	8	12	36
NTB -16- 13	16	M13	5.5	7.6	12	17	11	13	39
NTB -16- 16	16	M17	5.5	7.6	12	21	13	14	44
NTB -20- 8	20	M8.4	6	7.7	12	12	7	7	32
NTB -25- 6	25	M6.5	6.8	8.8	12	13	7	7	30
NTB -25- 8	25	M8.4	6.8	8.8	12	13	7	7	30
NTB -25- 10	25	M10.5	6.8	8.8	13	15	10	11	38
NTB -25- 12	25	M13	6.8	9.2	15	17	10	12	41
NTB -25- 16	25	M17	6.8	9.2	15	21	13	14	47
NTB -35- 6	35	M6.5	8.2	10.6	13.5	15.3	9	9	37
NTB -35- 8	35	M8.4	8.2	10.6	13.5	15.3	9	9	37
NTB -35- 10	35	M10.5	8.2	10.6	13.5	15.3	9	9	37
NTB -35- 12	35	M13	8.2	10.6	13.5	15.3	10	12	41
NTB -35- 16	35	M17	8.2	10.6	15	22	13	14	47
NTB -50- 6	50	M6.5	9.5	12.4	17	17.8	9	10	42
NTB -50- 8	50	M8.4	9.5	12.4	17	17.8	9	10	42
NTB -50- 10	50	M10.5	9.5	12.4	17	17.8	9	10	42
NTB -50- 13	50	M13	9.5	12.4	17	20	10	12	45
NTB -50- 14	50	M14.5	9.5	12.4	18	22	15	15	54
NTB -50- 16	50	M17	9.5	12.4	18	22	15	15	54
NTB -50- 20	50	M21	9.5	12.4	18	26	16	18	60
NTB -70- 8	70	M8.4	11.3	14.6	18.5	21	11	11	47
NTB -70- 10	70	M10.5	11.3	14.6	18.5	21	11	11	47
NTB -70- 12	70	M13	11.3	14.6	18.5	21	11	11	47
NTB -70- 14	70	M14.5	11.3	14.6	18.5	22	14	15	55
NTB -70- 16	70	M17	11.3	14.6	18.5	26	14	16	56
NTB -70- 20	70	M21	11.3	14.6	18.5	28	16	18	63
NTB -95- 8	95	M8.4	13.5	17.4	21	25	12	13	53
NTB -95- 10	95	M10.5	13.5	17.4	21	25	12	13	53
NTB -95- 12	95	M13	13.5	17.4	21	25	12	13	53
NTB -95- 14	95	M14.5	13.5	17.4	22	25	14	15	55
NTB -95- 16	95	M17	13.5	17.4	22	25	14	16	56
NTB -95- 20	95	M21	13.5	17.4	22	28	15	16	63
NTB -120- 8	120	M8.4	15	19.4	23	28	13	14	60
NTB -120-10	120	M10.5	15	19.4	23	28	13	14	60
NTB -120-12	120	M13	15	19.4	23	28	13	14	60
NTB -120-14	120	M14.5	15	19.4	23	28	13	14	60
NTB -120-16	120	M17	15	19.4	23	28	16	16	64
NTB -120-20	120	M21	15	19.4	23	28	16	20	68
NTB -150- 8	150	M8.4	16.5	21.2	27	30	16	16	70
NTB -150- 10	150	M10.5	16.5	21.2	27	30	16	16	70
NTB -150- 12	150	M13	16.5	21.2	27	30	16	16	70
NTB -150- 14	150	M14.7	16.5	21.2	27	30	16	16	70
NTB -150- 16	150	M17	16.5	21.2	27	30	16	16	70
NTB -150- 20	150	M21	16.5	21.2	27	30	16	16	73
NTB -185- 10	185	M10.5	18.5	23.5	32	34	17	19	80
NTB -185- 12	185	M13	18.5	23.5	32	34	17	19	80
NTB -185- 14	185	M14.7	18.5	23.5	32	34	17	19	80
NTB -185-16	185	M17	18.5	23.5	32	34	17	19	80
NTB -185- 20	185	M21	18.5	23.5	32	34	17	19	80
NTB -240- 10	240	M10.5	21	26.5	39	38	20	21	94
NTB -185- 12	240	M13	21	26.5	39	38	20	21	94
NTB -185- 14	240	M14.5	21	26.5	39	38	20	21	94
NTB -185- 16	240	M17	21	26.5	39	38	20	21	94
NTB -185- 20	240	M21	21	26.5	39	38	20	21	94



Material: E - Copper
Finish : Copper / Electro Tinned

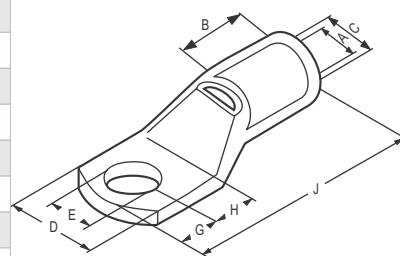
CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS

Note : All dimensions in mm

Prod. Code	Cable mm2	Stud Hole E	Dimensions						
			A	C	D	G	H	B	J
NT 1.5 - 4	1.5	4.2	1.8	3.7	8	4	5	6	17
NT 1.5 - 5		5.2	1.8	3.7	8	4	5	6	17
NT 1.5 - 6		6.5	1.8	3.7	10	4	6	6	18
NT2.5 - 4	2.5	4.2	2.4	4	8	4	5	8	19
NT2.5 - 5		5.2	2.4	4	8	4	5	8	19
NT2.5 - 6		6.5	2.4	4	10	5	6	8	21
NT2.5 - 8		8.4	2.4	4.2	12	6	9	8	26
NT4 - 4	4	4.2	3.1	4.8	10	5	6	8	21
NT4 - 5		5.2	3.1	4.8	10	5	6	8	21
NT4 - 6		6.5	3.1	4.8	10	5	6	8	21
NT4 - 8		8.4	3.1	4.8	12	6	9	8	26
NT6 - 5	6	5.2	3.8	5.5	10	5	6	10	24
NT6 - 6		6.5	3.8	5.5	10	5	6	10	24
NT6 - 8		8.4	3.8	5.5	12	6	9	10	28
NT6 - 10		10.5	3.8	6	15	8	1	10	32
NT 10 - 6	10	6.5	4.5	6.2	11	6	7	10	26
NT 10 - 8		8.4	4.5	6.2	12	6	9	10	28
NT 10 - 10		10.5	4.5	6.8	15	8	11	11	33
NT 16 - 6	16	6.5	5.4	7.1	12	7	7	12	30
NT 16 - 8		8.4	5.4	7.1	12	7	7	12	30
NT 16 - 10		10.5	5.4	7.6	15	8	2	12	36
NT 16 - 12		13	5.4	7.6	17	11	3	12	39
NT 20 - 8	20	8.4	6	7.7	12	7	7	12	32
NT 25 - 6	25	6.5	6.8	8.8	13	7	7	12	30
NT 25 - 8		8.4	6.8	8.8	13	7	7	12	30
NT25 - 10		10.5	6.8	8.8	15	10	11	13	38
NT25 - 12		13	6.8	9.2	17	10	12	15	41
NT 35 - 6	35	6.5	8.2	10.6	16	9	9	13.5	37
NT 35 - 8		8.4	8.2	10.6	16	9	9	13.5	37
NT 35 - 10		10.5	8.2	10.6	16	9	9	13.5	37
NT 35 - 12		13	8.2	10.6	18	10	12	13.5	41
NT 35 - 16		17	8.2	10.6	22	14	18	13.5	50
NT 50 - 8	50	8.4	9.5	12.4	18	9	10	17	42
NT 50 - 10		10.5	9.5	12.4	18	9	10	17	42
NT 50 - 12		13	9.5	12.4	20	10	12	17	45
NT 50 -16		17	9.5	12.4	22	15	15	18	54
NT 70 - 8	70	8.4	11.3	14.6	21	11	11	18.5	47
NT 70- 10		10.5	11.3	14.6	21	11	11	18.5	47
NT 70- 12		13	11.3	14.6	21	11	11	18.5	47
NT 70- 14		14.5	11.3	14.6	22	14	15	18.5	55
NT 70- 16		17	11.3	14.6	26	14	16	18.5	56

Material: E - Copper

Finish : Copper / Electro Tinned



CRIMPING TYPE COPPER TUBULAR CABLE TERMINAL ENDS

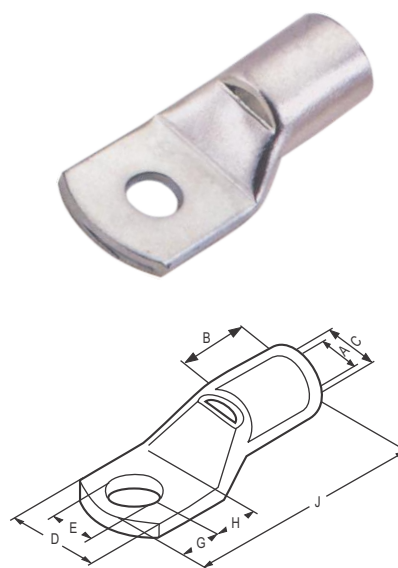
CABLE ACCESSORIES

Prod. Code	Cable mm ²	Stud Hole E	Dimensions						
			A	C	D	G	H	B	J
NT 95 - 10	95	10.5	13.5	17.4	25	12	13	21	53
NT 95 - 12		13	13.5	17.4	25	12	13	21	53
NT 95 - 14		14.5	13.5	17.4	25	14	15	22	55
NT120 - 12	120	13	15	19.4	28	13	14	23	60
NT120 - 14		14.5	15	19.4	28	13	14	23	60
NT 120 - 16		17	15	19.4	28	16	16	23	64
NT 150 - 12	150	13	16.5	21.2	30	16	16	27	70
NT 150 - 14		14.5	16.5	21.2	30	16	16	27	70
NT 150 - 16		17	16.5	21.2	30	16	16	27	70
NT150 - 20		21	16.5	21.2	30	19	16	27	73
NT 185 - 12	185	13	18.5	23.5	34	17	19	32	80
NT 185 - 14		14.5	18.5	23.5	34	17	19	32	80
NT 185 - 16		17	18.5	23.5	34	17	19	32	80
NT185 - 20		21	18.5	23.5	34	17	19	32	80
NT 240 - 12	240	13	21	26.5	38	20	20	37	94
NT 240 - 14		17	21	26.5	38	20	20	37	94
NT 240 - 16		17	21	26.5	38	20	20	37	94
NT 240 - 20		21	21	26.5	38	20	20	37	94
NT 240 - BL		-	21	26.5	38	-	-	37	94
NT 300 - 12	300	13	23.5	30	43	22	22	42	102
NT 300 - 14		14.5	23.5	30	43	22	22	42	102
NT 300 - 16		17	23.5	30	43	22	22	42	102
NT 300 - 20		21	23.5	30	43	22	22	42	102
NT 300 - BL		-	23.5	30	43	-	-	42	102
NT 400 - 12	400	13	28.5	36.5	52.5	26	26	44	114
NT 400 - 14		14.5	28.5	36.5	52.5	26	26	44	114
NT 400 - 16		17	28.5	36.5	52.5	26	26	44	114
NT 400 - 20		21	28.5	36.5	52.5	26	26	44	114
NT 400 - BL		-	28.5	36.5	52.5	-	-	44	114
NT 500 - 16	500	17	30	39	56	28	28	48	121
NT 500 - 20		21	30	39	56	28	28	48	121
NT 500 - BL		-	30	39	56	-	-	48	121
NT 630 - 16	630	17	35	45	63.8	33	33	58	144
NT 630 - 20		21	35	45	63.8	33	33	58	144
NT 630 - BL		-	35	45	63.8	-	-	58	144
NLT 630 - 16	*630	16	35	41.5	61	25	25	70	144
NLT 630 - 20	*630	20	35	41.5	61	25	25	70	144
NT 800 - BL	800	-	39	50.6	72	-	-	78	170
NT 1000-BL	1000	-	43	56.2	78.5	-	-	90	200

Note : All dimensions in mm

* 630 for Low voltage Connection

Material: E - Copper
Finish : Copper / Electro Tinned



CRIMPING TYPE COPPER TUBULAR IN - LINE CONNECTORS (LINKS)

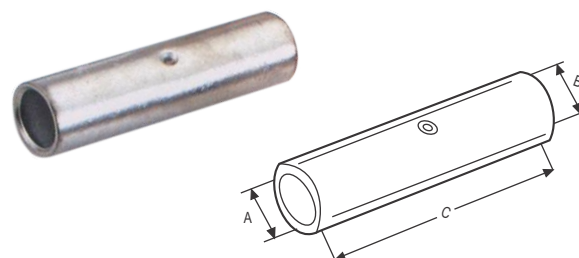
Long Barrel Connectors

Note : All dimensions in mm

Prod. Code	Cable mm ²	Dimensions		
		A	B	C
NC 1.5	1.5	1.8	3.7	22
NC 2.5	2.5	2.4	4	22
NC 4	4	3.1	4.8	22
NC 6	6	3.8	5.5	22
NC 10	10	4.5	6.2	22
NC 16	16	5.4	7.1	44
NC 20	20	6.3	7.7	44
NC 25	25	6.8	8.8	47
NC 35	35	8.2	10.6	47
NC 50	50	9.5	12.4	47
NC 70	70	11.3	14.7	50
NC 95	95	13.5	17.4	54
NC 120	120	15	19.4	65
NC 150	150	16.5	21.2	65
NC 185	185	18.5	23.5	65
NC 240	240	21	26.5	89
NC 300	300	23.5	30	89
NC 400	400	28.5	36.5	90
NC 500	500	30	39	115
NC 550	550	31.7	41.5	115
NC 630	630	35	45	115
NC 800	800	39	50.6	230
NC 1000	1000	43	56.2	230

Material: E - Copper

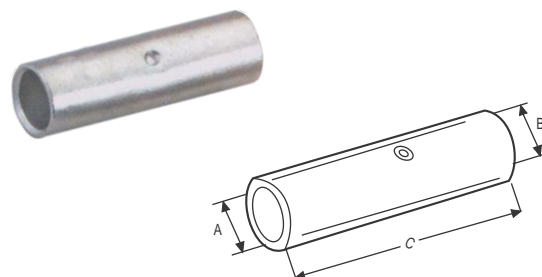
Finish : Copper / Electro Tinned



Short Barrel Connectors

Prod. Code	Cable mm ²	Dimensions		
		A	B	C
NL 1.5	1.5	1.8	3.7	12
NL 2.5	2.5	2.4	4	15
NL 4	4	3.1	4.8	15
NL 6	6	3.8	5.5	15
NL 10	10	4.5	6.2	20
NL 16	16	5.4	7.1	20
NL 20	20	6.3	7.7	22
NL 25	25	6.8	8.8	32
NL 35	35	8.2	10.6	36
NL 50	50	9.5	12.4	40
NL 70	70	11.3	14.7	45
NL 95	95	13.5	17.4	45
NL 120	120	15	19.4	45
NL 150	150	16.5	21.2	55
NL 185	185	18.5	23.5	60
NL 240	240	21	26.5	80
NL 300	300	23.5	30	85
NL 400	400	28.5	36.5	85
NL 500	500	30	39	100
NL 550	550	31.7	41.5	110
NL 630	630	35	45	110
NL 800	800	39	50.6	150
NL 1000	1000	43	56.2	170

Note : All dimensions in mm



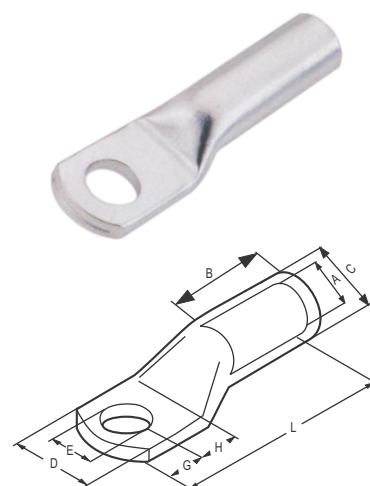
LONG BARREL TINNED COPPER CABLE TERMINAL ENDS

Note : All dimensions in mm

Prod. Code	Cable mm ²	Stud Hole E	Dimensions							
			A	C	D	F	G	H	B	J
NTL 6 - 8	6	8.4	3.8	5.5	12	1	6	9	11	29
NTL10 - 8	10	8.4	4.5	6.2	12	1.2	6	9	11	29
NTL16 - 8	16	8.4	5.4	7.1	12	1.4	7	7	15	35
NTL 25 - 8	25	8.4	6.8	8.8	16	2	7	7	15	35
NTL 35 - 8	35	8.4	8.2	10.6	15.3	2.4	9	9	15	38
NTL 50 - 12	50	13	9.5	12.4	18	2.9	10	11	20	47
NTL70 - 12	70	13	11.2	14.7	21	3.5	12	13	22	54
NTL95 - 12	95	13	13.5	17.4	25	3.9	13	13	24	59
NTL120 - 12	120	13	15	19.4	28	4.4	14	14	27	65
NTL150 - 12	150	13	16.5	21.2	30	4.7	16	16	32	75
NTL185 - 12	185	13	18.5	23.5	34	5	17	17	39	85
NTL 240 - 16	240	17	21	26.5	38	5.5	20	20	46	100
NTL 300 - 20	300	21	23.5	30	43	6.5	22	22	51	110
NTL 400 - 20	400	21	28.5	36.5	50.1	8	26	26	53	123
NTL 500 - 20	500	21	30	39	56	9	28	28	58	134

Material: E - Copper

Finish : Copper / Electro Tinned



CABLE ACCESSORIES

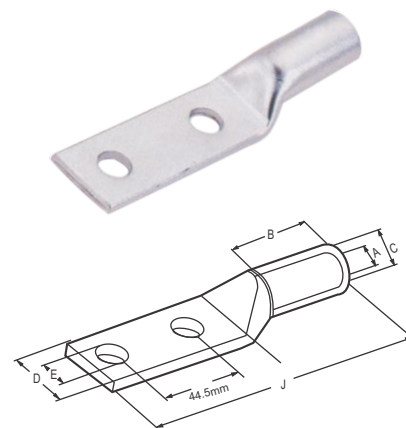
COPPER CABLE TERMINAL ENDS WITH EXTENDED PALM (2 HOLE)

Note : All dimensions in mm

Prod. Code	Cable mm ²	Stud Hole E	Dimensions				
			A	C	D	B	J
NT162E10	16	10.5	5.4	7.6	14.5	16	100
NT252E10	25	10.5	6.8	8.8	15	16	100
NT352E10	35	10.5	8.2	10.6	16.5	16	100
NT502E10	50	10.5	9.5	12.4	17	25	109
NT502E12		13	9.5	12.4	17	25	109
NT702E10	70	10.5	11.3	14.7	21	30	114
NT702E12		13	11.3	14.7	21	30	114
NT952E10	95	10.5	13.5	17.4	25	30	116
NT952E12		13	13.5	17.4	25	30	116
NT1202E10	120	10.5	15	19.4	27.5	35	122
NT1202E12		13	15	19.4	27.5	35	122
NT1502E10	150	10.5	16.5	21.2	30	40	126
NT1502E12		13	16.5	21.2	30	40	126
NT1852E10	185	10.5	18.5	23.5	33.5	42	132
NT1852E12		13	18.5	23.5	33.5	42	132
NT2402E10	240	10.5	21	26.5	38.5	50	143
NT2402E12		13	21	26.5	38.5	50	143
NT3002E10	300	13.7	23.5	30	43	55	144
NT4002E10	400	13.7	28.5	36.5	52.5	60	149
NT5002E10	500	13.7	30	39	56	65	160
NT6302E10	630	13.7	35	45	36.8	75	160

Material: E - Copper

Finish : Copper / Electro Tinned



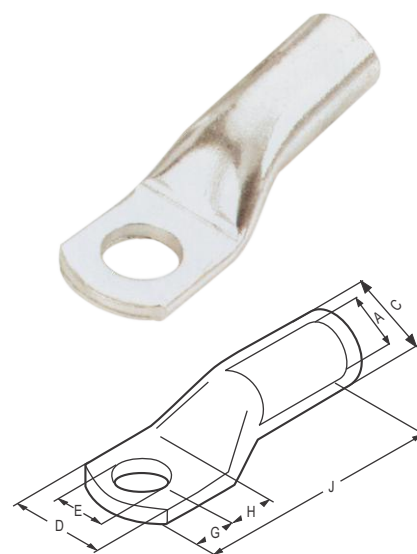
HIGH VOLTAGE COPPER TERMINALS - 33 KV

Note : All dimensions in mm

Prod. Code	Cable mm2	Stud Hole E	Dimensions					
			A	C	D	G	H	J
NVCT 25 - 8	25	8	6.8	10	14	8	9	65
NVCT 25 - 10		10	6.8	10	18	11	13	72
NVCT 25 - 12		12	6.8	10	21	14	16	78
NVCT 35 - 12	35	12	8.2	12.5	21	14	16	79
NVCT 35 - 16		16	8.2	12.5	26	17	19	85
NVCT 50 - 12	50	12	9.5	14.5	21	14	16	79
NVCT 50 - 16		16	9.5	14.5	26	17	19	85
NVCT 70 - 12	70	12	11	16	28	14	16	81
NVCT 70 - 16		16	11	16	30	17	19	87
NVCT 95 - 12	95	12	13.5	19	28	14	16	91
NVCT 95 - 14		14	13.5	19	29	16	18	95
NVCT 95 - 16		16	13.5	19	30	17	20	97
NVCT 120 - 12	120	12	15	20.5	31	14	16	97
NVCT 120 - 14		14	15	20.5	31	16	18	101
NVCT 150 - 12	150	12	16.5	23	32	14	16	97
NVCT 150 - 14		14	16.5	23	32	16	18	101
NVCT 185 - 14	185	14	17	23.5	32.5	16	18	101
NVCT 240 - 14	240	14	19.2	25.5	44	16	18	105
NVCT 300 - 14	300	14	23.5	32	43	16	18	105
NVCT 400 - 14	400	14	27	38	51	19	22	140
NVCT 400 - 16		16	27	38	51	19	22	140
NVCT 400 - 20		20	27	38	51	23	24	146
NVCT 500 - 16	500	16	30.3	41	56.5	19	22	147
NVCT 500 - 20		20	30.3	41	56.5	23	24	153
NVCT 630 - 16	630	16	33.4	43	61.5	19	22	159
NVCT 630 - 20		20	33.4	43	61.5	23	24	165

Material: E - Copper

Finish : Copper / Electro Tinned



SPECIAL CABLE TERMINAL ENDS



We have specially developed these terminals for supply to leading manufacturers of panel builders, distribution boards, transformers, railways, power stations, etc. Nexus has all the expertise needed in developing & manufacturing special types of terminal ends as per customers design & specifications.

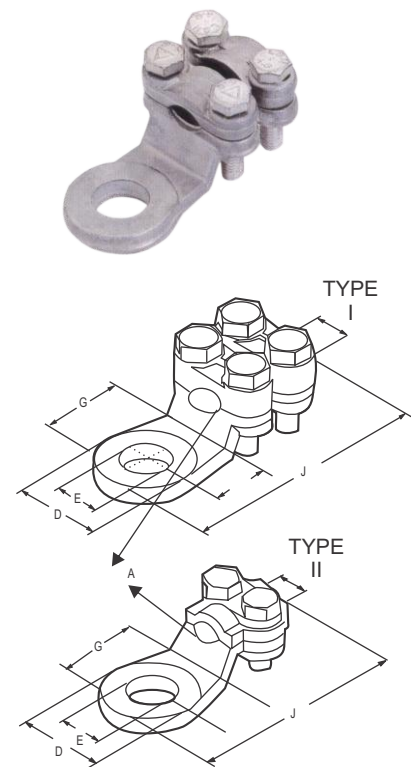
MECHANICAL CABLE LUGS - BOLTED WITH 2 SCREWS AND 4 SCREWS

Note : All dimensions in mm

Prod. Code	Cable mm ²	Dimensions				Screw	Type
		A	G	D	J		
N2B 10	10	4	6	15	32.5	M-5	I
N2B 16	16	5.1	8.5	17	37	M-5	I
N2B 25	25	6.3	8.5	18.75	42	M-5	I
N2B 35	35	7.5	10.5	21.5	4	M-5	I
N4B 50	50	9.5	10.5	23	56.5	M-6	II
N4B 75	75	11	13.25	26	61	M-6	II
N4B 100	100	13	14.3	29	65	M-6	II
N4B 120	120	14	14.8	32	71	M-6	II
N4B 170	170	16	16	33	81	M-8	II
N4B 200	200	17	17	35	85	M-8	II
N4B 250	250	18	17	38	87.5	M-8	II
N4B 300	300	21	19.8	45	118	M-10	II
N4B 400/500	400/500	25.5	22	53	132	M-10	II
N4B 700	700	34	22	60	150	M-10	II

Material: Brass

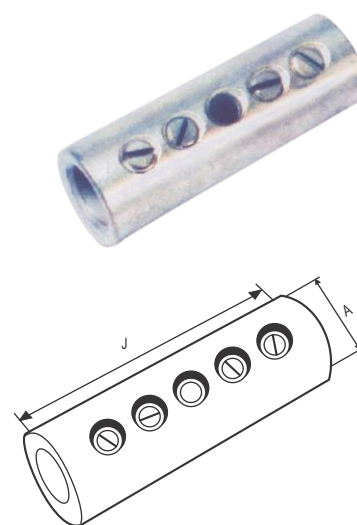
Finish : Electro Plated



MECHANICAL CABLE LUGS - BOLTED WITH 2 SCREWS AND 4 SCREWS

Note : All dimensions in mm

Prod. Code	Cable mm ²	Dimensions	
		A	J
NTBSS 6	6	3.5	20
NTBSS 10	10	4.4	30
NTBSS 16	16	5.5	40
NTBSS 25	25	6.8	45
NTBSS 35	35	8.2	45
NTBSS 50	50	9.5	48
NTBSS 70	70	11.2	52
NTBSS 95	95	13.4	55
NTBSS 120	120	15	55
NTBSS 150	150	16.5	60
NTBSS 185	185	19	60
NTBSS 240	240	21	65
NTBSS 300	300	23.5	65



Material: Brass

Finish : Electro Tinned

ALUMINIUM - COPPER BI-METAL TERMINALS (WITH COPPER PALMS)

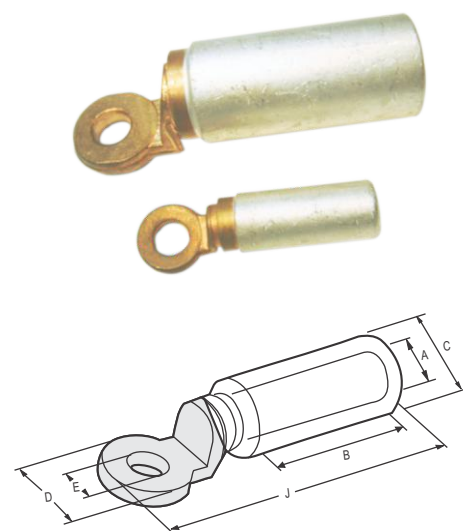
Al-Cu Bi-metal terminals are used for connecting aluminium cables to copper busbars.

Crimping Test Applied Force :

- Upto 240 mm² -13 x 105 N
- 300 mm² to 630 mm² – 2.0x105 N
- Above 630 mm² - 43 x 105 N

Construction : Forged circular copper palm is friction welded to an EC grade Aluminium circular barrel thus achieving to test possible transition.

Made to order Bi-metallic terminals as per the customers specifications / samples / diagram are also available.



Prod. Code	Cable mm ²	Dimensions					
		A	C	D	E	J	B
NBT16-10	16	5.5	16	20	10.3	79	43
NBT25-10	25	6.5	16	20	10.3	79	43
NBT35-10	35	8	16	20	10.3	79	43
NBT50-12	50	9	20	25	12.8	85	43
NBT70-12	70	11	20	25	12.8	85	43
NBT95-12	95	12.5	20	25	12.8	85	43
NBT120-12	120	13.7	25	30	12.8	108	59
NBT150-12	150	15.5	25	30	12.8	108	59
NBT185-14	185	17	32	35	14.5	115	59
NBT240-14	240	19.5	32	35	14.5	115	59
NBT300-16	300	23.3	40	36	16.5	137	85
NBT400-16	400	26	40	36	16.5	153.5	85
NBT500-16	500*	29.1	47	60x60	4Ø9	196	95
NBT630 4X9	630*	33.5	47	60x60	4Ø9	196	95
NBT800 4X9	800*	37.5	53	80x80	4Ø9	232	100
NBT1000 4X9	1000*	42	60	80x80	4Ø9	256	126
NBT1300 4X11	1300*	46.5	65	80x80	4Ø11	267	136

Note : All dimensions in mm

* Square Palm

TECHNICAL DATA

General Specification : BS standard BS 6121 part 1989

Material : a) Glands - Bodies, Caps & Rings are manufactured from brass.
b) Seals - Nitrile rubber
c) Shrouds / Sleeves - Black Poly Vinyl Chloride (PVC)
d) Earth tag - Natural Brass
e) Locknut - Natural Brass / Galvanised

Finish : Natural Brass / Nickle Plated.

Entry Thread : Isometric (Imperial thread, NPT thread, PC thread available on request.)

GLAND SELECTION CHART

The gland sizes recommended are in accordance with calculations based on cables manufactured to BS 6346 (1969) and NEXUS does not accept any responsibility for cables that prove to deviate materially from the nominal diameters quoted in BS 6346 (1969).

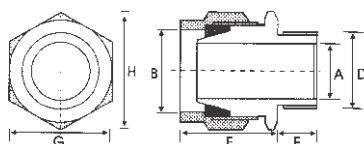
600/1000V stranded copper conductors PVC insulated with steel wire steel wire armour & PVC sheathed overall

Cable Size Conductor		Number of Cores												
Nom.area mm2	Neutral	1	2	3	31/2	4	5	7	10	12	19	27	37	48
1.5	-	-	20/16	20/16	-	20S	20S	20s	20	20	25	25	32	32
2.5	-	-	20S	20S	-	20S	20S	20	25	25	25	32	32	40
4	-	-	20S	20	-	20	20	25	25	32	32	40		
6	-	-	20	20	-	20								
10	-	-	25	25	-	25								
16	-	-	25	25	-	25								
25	16	-	32	32	32	32								
			25	25		32								
35	16	-	32	32	32	40								
			25	32		32								
50	25	25	32	32	32	40								
70	35	25	32	40	40	40								
95	50	25	40	40	50S	50S								
120	70	32	40	50S	50	50								
150	70	32	50S	50	50	63S								
185	95	32	50	50	63S	63								
240	120	40	50	63S	63	75S								
300	150	40	63S	63	75S	75								
300	185	-	-	-	75	-								
400	185	50S	63	75S	90	90								
500	-	50	-	-	-	-								
630	-	50	-	-	-	-								
800	-	63S	-	-	-	-								
1000	-	63	-	-	-	-								

BW CABLE GLAND (2 PART)

Application : For use with armour or braided cable, secures armouring & provides electrical continuity between armour & gland entry component mainly in dry and indoor condition

Design Features : 2 part armour lock, Knurled armour lock produces a low resistance earth clip.
Also available in CIEL (cast integral earth lug.) for orders add "C" to prod. Code



Product Code	Size	Cable Dimensions Accomodate			Gland Dimensions				
		Under Armour Dia. A Max. mm	overall Dia. B Max. mm	Armour wire dia. C mm	ISO Entry Thread		Approx length from shoulder F mm	Hexagon Size	
					Dia. D mm	Length E mm		Across flat G mm	Across Corners H mm
NBW - 16	16	8.60	13.50	0.90	16	10	23.00	20.00	23.00
NBW - 20S	20S	12.30	17.00	0.90/1.25	20	10	23.00	23.00	24.00
NBW - 20	20	14.30	20.00	0.90/1.25	20	10	30.00	25.00	27.00
NBW - 25S	25S	18.00	23.80	1.25/1.60	25	10	30.00	31.00	32.50
NBW - 25	25	20.40	27.00	1.25/1.60	25	10	32.00	30.00	38.50
NBW - 32	32	26.50	33.00	1.60/2.00	32	10	36.00	41.50	45.50
NBW - 40S	40S	31.00	37.00	1.60/2.00	40	15	36.00	45.00	50.00
NBW - 40	40	32.50	43.00	1.60/2.00	40	15	40.00	49.00	54.00
NBW - 50S	50S	37.80	48.00	2.00/2.50	50	15	40.00	58.00	65.00
NBW - 50	50	44.00	53.00	2.00/2.50	50	15	45.00	62.30	69.50
NBW - 63S	63S	50.50	60.50	2.50	63	15	45.00	70.00	77.00
NBW - 63	63	56.50	65.50	2.50	63	15	50.00	76.30	85.00
NBW - 75S	75S	62.50	72.00	2.50	75	15	50.00	85.00	95.00
NBW - 75	75	67.50	78.50	2.50/3.15	75	15	75.00	90.50	99.00
NBW - 90	90	80.00	93.00	3.15	90	20	75.00	112.00	125.00

BW CABLE GLAND (3 PART)

Similar in application and design to the BW (2 part) gland. However an extra component is added, a cone ring. This prevents rotation of the wire and is used instead of a knurled cone.

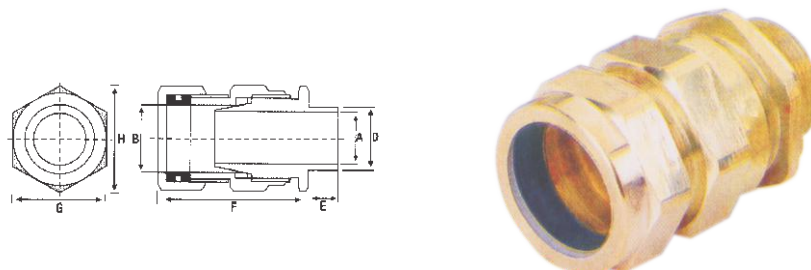


CW CABLE GLAND (3 PART)

Application : For use with armoured cable, secures armouring and provides electrical continuity between armour and gland entry component. Also provides a seal on the outer sheath of the cable thus ensuring no damage to cable sheathing. These are used both indoor and outdoor, in all climatic conditions as it is weatherproof & waterproof.

Design Features : 2 part Armour/Earth Lock, Knurled Armour Lock produces a low resistance earth clip.

Also available in CIEL (cast integral earth lug) for orders add "C" to prod. code.



Product Code	Size	Cable Dimensions Accomodate			Gland Dimensions				
		Under Armour Dia. A Max. mm	overall Dia. B Max. mm	Armour wire dia. C mm	ISO Entry Thread		Approx length from shoulder F mm	Hexagon Size	
					Dia. D mm	Length E mm		Across flat G mm	Across Corners H mm
NCW - 16	16	8.60	13.50	0.90	16	10	40.00	20.00	23.00
NCW - 20S	20S	12.50	17.00	0.90/1.25	20	10	47.00	22.00	29.00
NBW - 20	20	14.40	20.50	0.90/1.25	20	10	47.00	26.00	29.00
NCW - 25S	25S	17.80	23.80	1.25/1.60	25	10	50.00	31.00	34.00
NCW - 25	205	20.40	27.00	1.25/1.60	25	10	50.00	34.00	38.50
NCW - 32	32	26.50	33.00	1.60/2.00	32	10	55.00	41.50	46.50
NCW - 40S	40S	31.00	37.00	1.60/2.00	40	15	60.00	45.00	50.00
NCW - 40	40	32.50	40.80	1.60/2.00	40	15	60.00	49.00	54.00
NCW - 50S	50S	37.80	45.00	2.00/2.50	50	15	65.00	51.00	64.00
NCW - 50	50	44.00	51.50	2.00/2.50	50	15	65.00	62.30	69.50
NCW - 63S	63S	50.50	60.50	2.50	63	15	70.00	70.00	78.00
NCW - 63	63	56.50	65.50	2.50	63	15	70.00	76.30	85.00
NCW - 75S	75S	62.50	72.00	2.50	75	15	75.00	85.00	95.00
NCW - 75	75	67.50	78.50	2.50/3.15	75	15	75.00	91.00	112.00
NCW - 90	90	80.00	90.00	3.15	90	20	90.00	103.00	115.00

CW CABLE GLAND (4 PART)

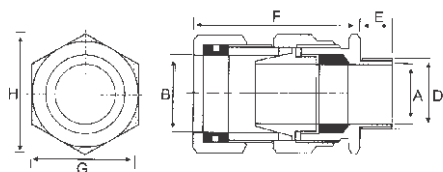
Similar in application and design to the CW (3 part) gland. However an extra component is added, a cone ring. This prevents rotation of the wire and is used instead of a knurled cone.

E1W CABLE GLAND

Application : For use with all types of SWA extruded bedding cable where it is essential to produce IP 66 seal on to the outer sheath and also produce an IP 66 or explosion proof seal on inner sheath. It provides seals on to both inner sheath and outer sheath of the cable.

Design Features : 2 part armour / Earth Lock , Knurled Armour Lock produces a low resistance earth clip, Inner and outer displacement, Rated at IP 66 in conjunction with entry thread seal.

As available in CIEL (cast integral earth lug) for orders add " C" to prod. code.



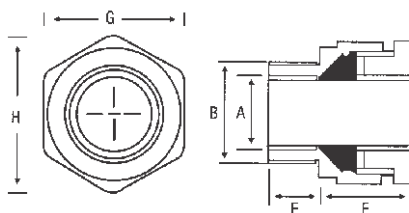
Product Code	Size	Cable Dimensions Accomodate			Gland Dimensions				
		Under Armour Dia. A Max. mm	overall Dia. B Max. mm	Armour wire dia. C mm	ISO Entry Thread		Approx length from shoulder F mm	Hexagon Size	
					Dia. D mm	Length E mm		Across flat G mm	Across Corners H mm
NETW - 16	16	8.60	13.50	0.90	16	10	40.00	20.00	23.00
NETW - 20S	20S	12.50	15.00	0.90/1.25	20	10	45.00	24.00	28.00
NETW - 20	20	14.40	20.50	0.90/1.25	20	10	45.00	27.00	31.00
NETW - 25S	25S	17.80	23.80	1.25/1.60	25	10	50.00	31.00	34.00
NETW - 25	25	20.40	27.00	1.25/1.60	25	10	50.00	34.00	38.50
NETW - 32	32	26.50	33.00	1.60/2.00	32	10	55.00	41.50	46.50
NETW - 40S	40S	31.00	37.00	1.60/2.00	40	15	60.00	45.00	50.00
NETW - 40	40	32.50	40.80	1.60/2.00	40	15	60.00	49.00	54.00
NETW - 50S	50S	37.80	48.00	2.00/2.50	50	15	65.00	58.00	65.00
NETW - 50	50	44.00	53.50	2.00/2.50	50	15	65.00	62.30	69.50
NETW - 63S	63S	50.50	60.50	2.50	63	15	70.00	70.00	78.00
NETW - 63	63	56.50	65.50	2.50	63	15	70.00	76.30	85.00
NETW - 75S	75S	62.50	72.00	2.50	75	15	75.00	85.00	95.00
NETW - 75	75	67.50	78.50	2.50/3.15	75	15	75.00	90.50	99.00
NETW - 90	90	80.00	94.00	3.15	90	20	90.00	112.00	125.00

A1 / A2 CABLE GLAND

Application : For use with armoured cable, secures armouring and provides electrical continuity between armour and gland entry component. Also provides a seal on the outer sheath of the cable thus ensuring no damage to cable sheathing. These are used both indoor and outdoor, in all climatic conditions as it is weatherproof & waterproof.

Design Features : 2 part Armour/Earth Lock, Knurled Armour Lock produces a low resistance earth clip.

Also available in CIEL (cast integral earth lug) for orders add "C" to prod. code.



Product Code	Size	Cable Dimensions Accomodate		Gland Dimensions				
		Overall Diameter A		ISO Entry Thread		Approx length from shoulder	Hexagon Size	
		Min. mm	Max. mm	Dia. D mm	Length E mm		Across flat G mm	Across Corners H mm
NA2 - 16	16	4.50	8.50	16	10	20.00	20.00	23.00
NA2 - 20S	20S	8.00	11.50	20	10	22.00	22.00	25.00
NA2 - 20	20	11.00	14.00	20	10	22.00	22.00	25.00
NA2 - 25S	25S	14.00	17.50	20	10	25.00	30.00	34.00
NA2 - 25	25	17.50	20.40	25	10	26.00	30.00	34.00
NA2 - 32	32	20.00	26.00	32	10	30.00	36.00	40.00
NA2 - 40S	40S	26.00	30.00	40	10	31.00	46.00	52.00
NA2 - 40	40	30.00	33.00	40	15	31.00	46.00	52.00
NA2 - 50S	50S	33.00	38.00	50	15	33.00	55.00	61.00
NA2 - 50	50	38.00	44.00	50	15	33.00	56.00	62.00
NA2 - 63S	63S	44.00	50.50	63	15	35.00	70.00	77.50
NA2 - 63	63	50	56.00	63	15	35.00	70.00	77.50
NA2 - 75S	75S	56.50	62.00	75	15	35.00	80.00	89.00
NA2 - 75	75	62.00	68.00	75	15	40.00	80.00	89.00
NA2 - 90	90	68.00	78.00	90	20	45.00	100.00	112.00
NA2 - 100	100	78.00	88.00	100	20	45.00	112.00	125.00

GLAND KIT

Kit Packing :

16/20 -32 inclusive

- 2-Brass glands
- 2-Black PVC shrouds
- 2-Galv, steel locknuts
- 2-Brass Earth tags

Kit Packing :

40-90 inclusive

- 1-Brass gland
- 1-Black PVC shrouds
- 1-Galv, steel locknuts
- 1-Brass Earth tags



PVC SHROUD

Material : High Grade Polyvinylchloride

Features :

- Provides additional protection & enhances IP rating of the Gland Termination.
- Effective solution to weather and corrosion protection of a cable gland.
- Available in same gland size compatible to each size of the cable gland.
- The arrow end of the sleeves is readily cut with a knife, enabling it to be slipped over a wide range of cable diameters and assists ease of installations.



LOCK NUT

Material : Brass, Aluminium & Galvanized Steel

Features :

- Used in fastening glands to the gland plate.
- Available in Metric, Imperial, NPT, BSPT, BSP, & PG.

Sizes : 16mm to 75mm

Prod. Code	Size mm or inch.
NGA LN-16	16mm or 5/8"
NGA LN-20	20mm or 3/4"
NGA LN-25	25mm or 1"
NGA LN-32	32mm or 1.1/4"
NGA LN-40	40mm or 1.1/2"

Prod. Code	Size mm or inch.
NGA LN-50	50mm or 2"
NGA LN-63	63mm or 2.1/2"
NGA LN-75	75mm or 3"
NGA LN-90	90mm or 3.1/2"



EARTHING TAG

Material : Brass, Aluminium & Copper

Features :

- Means of connection or an earth bond around the cable gland.
- Available in various shapes and in all sizes.
- Ensures earth continuity between the electrical equipment & gland.
- Can be coated or plated as per Customer Specification.

Metric / Size	Prod. Code
M16	NGA ET-16
M20	NGA ET-20
M25	NGA ET-25
M32	NGA ET-32
M40	NGA ET-40

Metric / Size	Prod. Code
M50	NGA ET-50
M63	NGA ET-63
M75	NGA ET-75
M80	NGA ET-80
M90	NGA ET-90

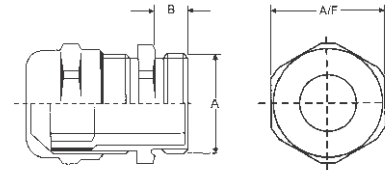


PLATED BRASS GLAND - IP68 RATING - METRIC THREAD

This Metal Gland is a new unique product that is very different from traditional metal glands.

- IP 68 rating the highest possible
- Superior strain relief
- Nickel plated brass for corrosion protection.
- Incorporates a unique camera shutter principle which protects the cable.
- Fully insulated by plastic insert.
- Neoprene seal for fluid tightness.

The perfect gland for unarmoured PVC, XLPE and other synthetic cables.



Product Code	Mounting Thread		Min. Cab. Ran. (mm)	Max. Cab. Ran. (mm)	Width A/F (mm)	Pack Code
	A Dia. (mm)	B Leng. (mm)				
NIP68-12	12	5	3	6	14	40
NIP68-16	16	5	5	10	17	20
NIP68-20	20	6	8	13	22	20
NIP68-25	25	7	11	17	27	10
NIP68-32	32	8	15	21	34	5
NIP68-40	40	8	19	28	43	3
NIP68-50	50	9	26	35	55	1
NIP68-63	63	10	32	42	65	1

Material :

- Brass nickel plated
- Polyamide 6 insert (self extinguishing)
- Neoprene seal (self extinguishing)
- Neoprene O-Ring (self extinguishing)

Continuous operating temperature:

-20 to + 100°C

Chemical resistance:

Resistant to normal organic solvents, mineral, animal and vegetable oils and fat, petrol

Threading :

According to IEC 423, EC 423A and EN 60423

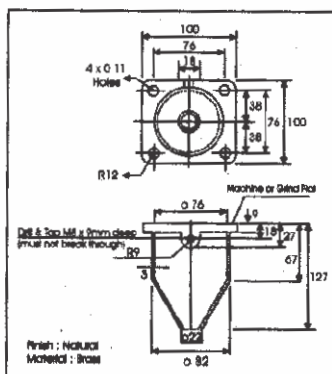
IP rating :

IP68

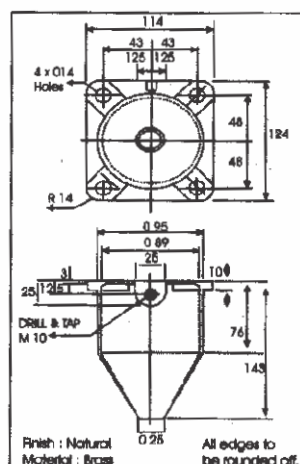
WIPING GLAND

These are made from heavy duty brass.

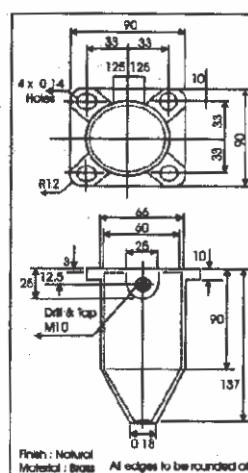
Wiping glands are made as per customers drawings & specifications.



Prod. Code : NWG-1



Prod. Code : NWG-2



Prod. Code : NWG-3



ROLLER BALL TYPE STAINLESS STEEL CABLE TIES

Features :

This roller ball design tie are self locking and very easy to install.
Fixing can be done by hand, tool & both.

Specification:

Min. loop tensile strength - 4.6mm width (44.5kg) 100 lbs
Min. loop tensile strength - 7.9mm width (113.6kg) 250 lbs

Operating Temperature:

80°C to +150°C (Coated)
80°C to +538°C (UnCoated)

Applications:

Construction, Automobile, Offshore, Petro-Chemical Industries, Fire Protection, Aerospace, Flame Proof Installation etc.

Material : Stainless Steel Grade 316 / 304



Product Code	Length mm	Width mm	Max. Bundle dia mm
NH100	100	4.6	16
NH150	150	4.6	32
NH200	200	4.6	50
NH360	360	4.6	101
NH520	520	4.6	152
NH680	680	4.6	203
NH840	840	4.6	254
NH1000	1000	4.6	298
NH200 H	200	7.9	50
NH360H	360	7.9	101
NH520 H	520	7.9	152
NH680H	680	7.9	203
NH840H	840	7.9	254
NH1000 H	1000	7.9	298

RELEASABLE TYPE STAINLESS STEEL CABLE TIES

Features:

These ties have greater flexibility as it can Fasten-Unfasten-Refasten as per usage.
Coated ties use or add resistance to corrosion and weathering effect.

Operating Temperature:

80°C to +150°C (Coated)

Material : Stainless Steel Grade 316 / 304

Product Code	Length mm	Width mm	Max. Bundle dia mm
NRT1505	150	5	36
NRT2305	230	5	60
NHRT3305	330	5	95
NRT4505	450	5	130
NRT1501	150	10	36
NRT2301	230	10	60
NRT3301	330	10	95
NRT4501	450	10	130



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An ISO 9001 Company

NEXUS METAL & ALLOYS

Tel.: +91 22 6659 5027 Fax : +91 22 6659 5049

Email : sales@nexuscopper.com • Website : www.nexuscopper.com