

Cable Clamps



SPLIT-BOLT CONNECTORS WITH HEXAGONAL HEAD

According to British Standard.

For Copper Conductors.

Material :

Body and Nut:

Brass (CuZn).

Surface:

Copper-plated.

COPPER PARALLEL GROOVE CLAMPS DIN 48072

DIN 48072

For tap-off connection of copper conductors.

Material

Body:

High strength copper alloy (CuNi2Si)

Bolts:

Stainless steel.

Option to high strength copper alloy, F-60.

DIN 933.

Nuts:

Stainless steel.

Option to copper.

DIN 934.

Surface:

Uncoated

Conical Washers:

Steel, DIN 6796.

* Only with pressure-pad.

Minimum Torque Moments:

M6 : 7Nm

M7 : 14Nm

M8 : 20Nm

M10 : 39Nm

ALUMINIUM PARALLEL GROOVE CLAMPS

DIN 48072

For tap-off connection of aluminium alloy conductors according to DIN 48201 & ACSR conductors according to DIN 48204

Material

Body:

High strength, corrosion-resistant, aluminium alloy (AlMgSi1)

Bolts:

DIN 933, steel 8.8, hot-dip galvanised

Pressure Pad:

aluminium alloy

Spring Washers:

DIN 127, steel, hot-dip galvanized

Conical Washers (According to order):

DIN 6796, corrosion-protected

Stainless steel A2 bolts available according to order.

* Pressure pad and spring washers only.

Minimum Torque Moments:

1/4"NF : 9.5Nm

M8 : 23Nm

M10 : 46Nm

COPPER DEAD-END CLAMPS DIN 48201

DIN 48201

For stranded copper conductors according to DIN 48201

Material

Body:

High strength copper alloy (CuNi2Si)

Bolts:

Stainless steel.

Option to high strength copper alloy (F60).

DIN 933.

Nuts:

Stainless steel.

Option to copper.

DIN 934.

Surface:

Uncoated

Minimum Torque Moments:

M7 : 14Nm

M8 : 20Nm

M10 : 39Nm

ALUMINUM CORRUGATED JAW-CLAMPS

DIN 48201, DIN 48204

For Al and ACSR conductors

Material

body:

Corrosion resistant, high strength aluminium alloy (AlMgSi1/Al6082).

Bolts:

Steel, 8.8, two bolts according to DIN 933, hot-dip galvanised two bolts according to DIN 931 (BM), hot-dip galvanised

Conical Washers:

Steel according to DIN 6796, corrosion-protected

Corrugated jaw-clamps have been developed for full tension and current-carrying connections of aluminium and aluminium/steel.

The corrugated clamp channels are additionally grooved and allow the connection of both equal and different conductor cross sections.

All components of the clamp are captive. For installation, the clamp need not be disassembled. The (BM) bolts of the clamp are turned back up to the stop and subsequently the conductors are inserted from the side.

If the clamps are installed as per instructions, the assemblies comply with all requirements of VDE 0210/0211 and OVE-L 11/1967.

Minimum Torque Moments:

M8 : 23Nm

BM8 : 23Nm

M10 : 46Nm

BM10 : 46Nm

M12 : 80Nm

BM12 : 80Nm

ALUMINUM PARALLEL GROOVE JAW-CLAMPS

DIN 48075

For Al and ACSR connection of two equal conductor diameters.

Body:

Aluminium alloy (AlMgSi1/Al 6082 F32)

Bolts:

Steel, 8.8, hot-dip galvanised or stainless steel A2, according to order.

Minimum torque moments :

M10 : 46Nm

M12 : 80Nm

COPPER BOW-TYPE CLAMPS

Material :

Body:

E-cu.

U-Bolt:

Steel, 8.8, hot-dip galvanised

Nuts:

Steel 8, DIN 934 hot-dip galvanized

Conical Washers:

Steel DIN 6796, corrosion-protected

Minimum Torque Moments:

80Nm

FLAT DOUBLE TERMINAL CLAMP AL/CU

Direct terminal clamp for the connection of copper and aluminium conductors to flat busbars.

Material:

Brass (CuZn)

Surface:

Tin-plated

Bolts:

Steel, 8.8 DIN 933, DIN 84 (M5), Electro Tin-plated

Spring Washers:

Steel, DIN 127 Tin-plated This universal multi-range direct terminal clamp is suitable for the connection of stranded copper and aluminium cables to flat busbars. The conductor channels of the clamp are grooved to ensure good electrical contact and low contact resistance.

The double terminal clamps are intended for use in distribution terminals fuse connecting blocks.

Minimum Torque Moments:

M8 : 23Nm

M5 : 5.5Nm