ENERGY

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THE WORLD

MOSDORFER RAIL

UK CATALOGUE

PADS Approved Products

REVISION: REV0

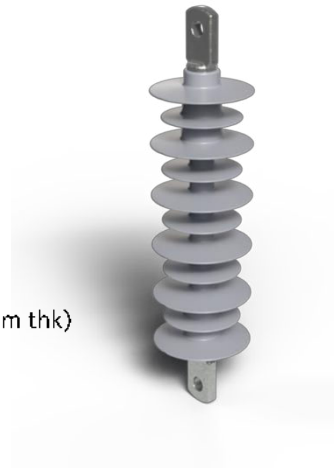
RAIL
MOSDORFER
KNILL GRUPPE

#

Contents

Insulators

Tension and Suspension Insulator 25Kv AC



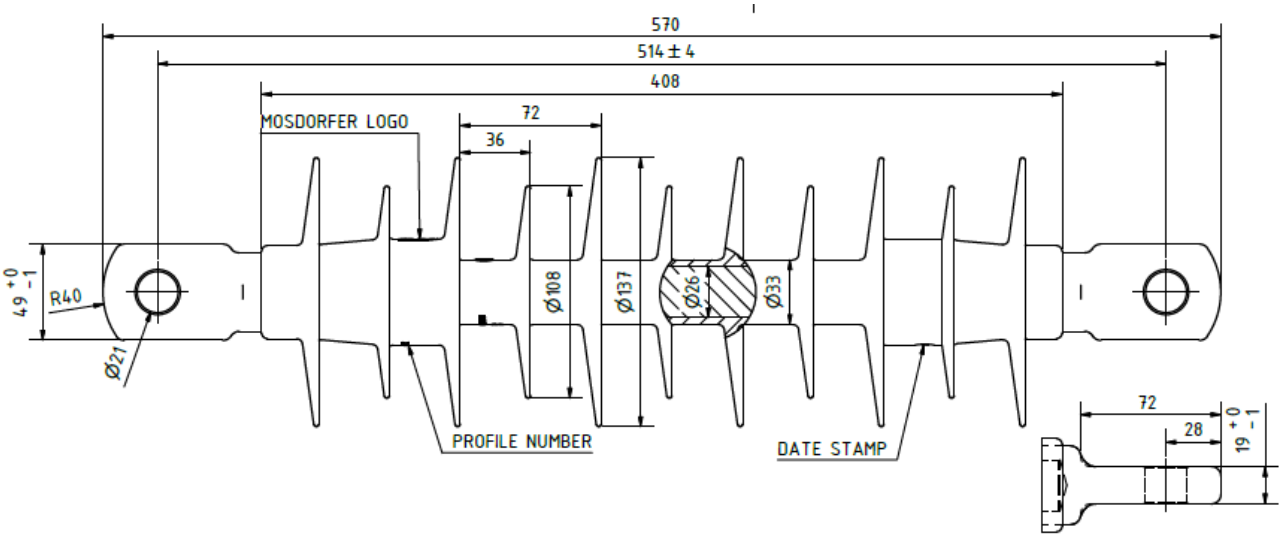
Application

- Tension and suspension Insulator

Material

- Housing: Injection moulded HTV Silicone with ATH Filler (Grey RAL 7040, min. 3mm thk)
- Composite core: Pultruded ECR-Glass Fibre and Epoxy Resin (Ø26mm Rod)
- End fittings: Steel – Hot Dip Galv. In acc. To ISO 1461 (min.ave. 120 µm)

UKMS	Part Number	Nominal Voltage (kV) (AC)	Power frequency withstand (wet) (kV)	Lightning impulse withstand voltage (kV)	Creepage distance (mm)	Arcing Distance (mm)	Specified Mechanical Load (SML) (kN)	Routine Test Load (RTL) (kV)	Weight (Kg)
C21/K23/002	805 011 001 - 00001	25	125	250	1240	460	135	67.5	3.4



Tension and Suspension Insulator 25 kV AC

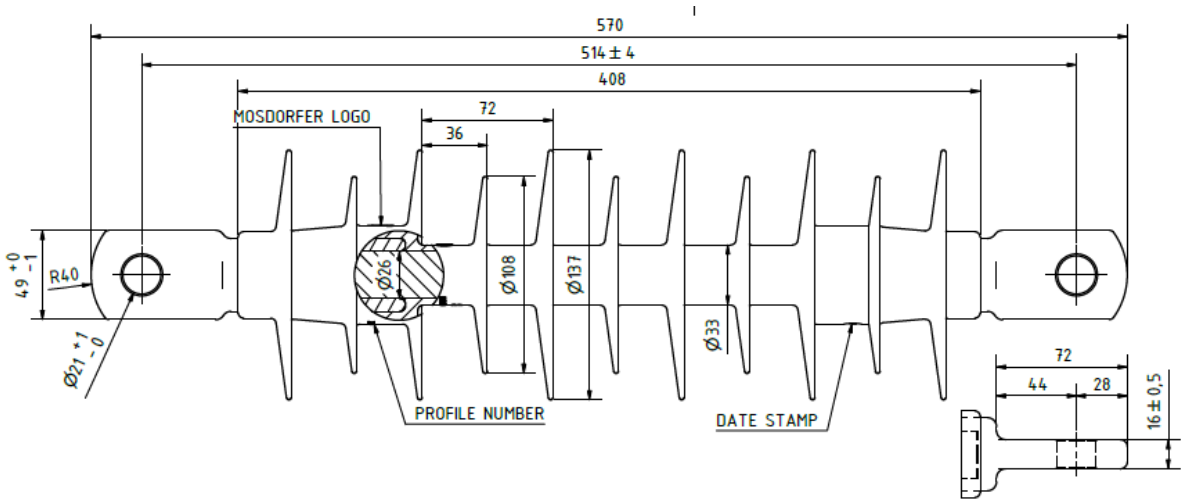
Application

- Tension and Suspension Insulator

Material

- Polymeric housing: injection moulded htv silicone rubber with ath filler (grey Ral 7040, min. 3mm thk)
- Composite core: pultruded ecr-glass fibre & epoxy resin (ø26mm rod)
- End fittings: steel - hot dip glav. In acc to iso 1461 (min. Ave. 120µm thk)

UKMS	Part Number	Nominal Voltage (kV) (AC)	Power frequency withstand (wet) (kV)	Lightning impulse withstand voltage (kV)	Creepage distance (mm)	Arcing Distance (mm)	Specified Mechanical Load (SML) (kN)	Routine Test Load (RTL)	Weight (Kg)
C21/K34/102	805 011 001-10000	25	125	250	1240	460	135	67.8	3.5



Tension and Suspension Insulator 25 kV AC

Application

- Tension and Suspension Insulator

Material

- Polymeric housing: injection moulded htv silicone rubber with ath filler (grey Ral 7040, min. 3mm thk)
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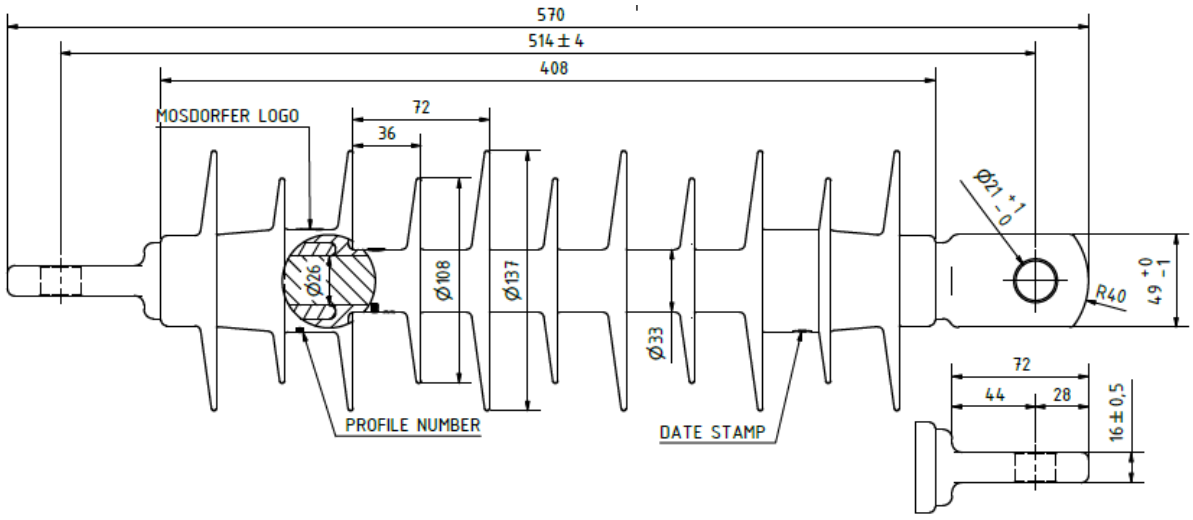
UKMS	Part Number	Nominal Voltage (kV) (AC)	Power frequency withstand (wet) (kV)	Lightning impulse withstand voltage (kV)	Creepage distance (mm)	Arcing Distance (mm)	Specified Mechanical Load (SML) (kN)	Routine Test Load (RTL) (kV)	Weight (Kg)
C21/K34/101	805 011 001 - 10100	25	125	250	1240	460	135	35	3.5



Tension and Suspension Insulator 25 kV AC

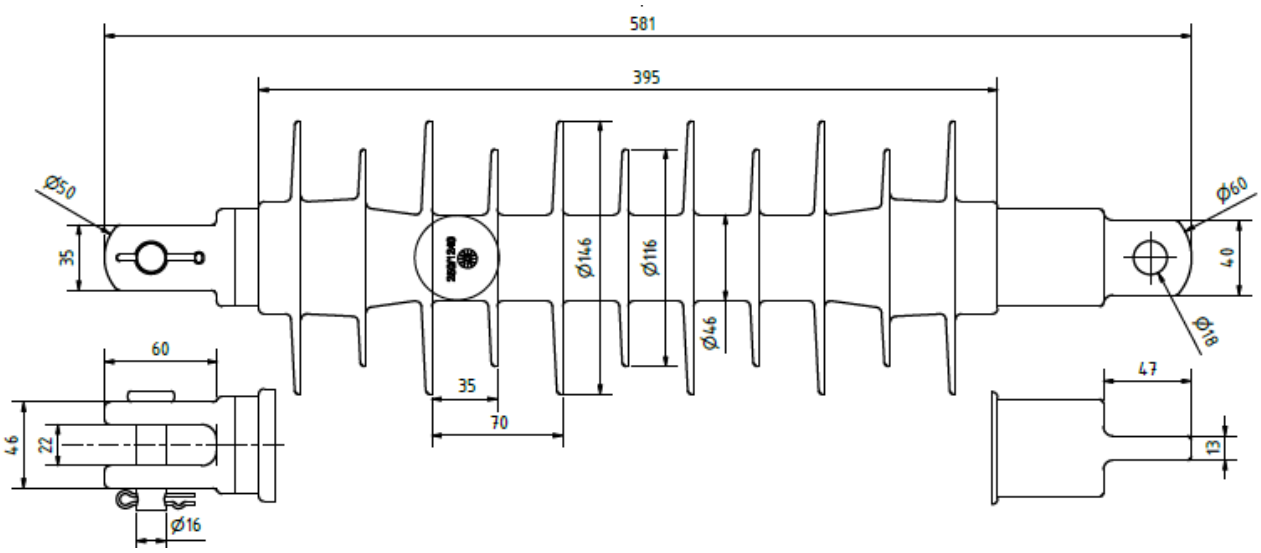
Application

- Tension and Suspension Insulator

Material

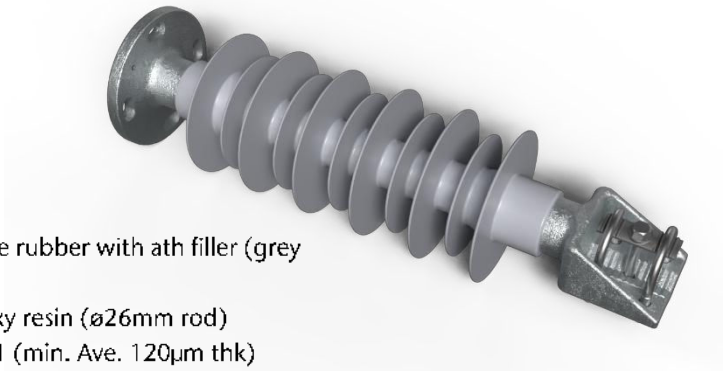
- Polymeric housing: injection moulded htv silicone rubber with ath filler (grey
- Ral 7040, min. 3mm thk)
- Composite core: pultruded ecr-glass fibre & epoxy resin (ø26mm rod)
- End fittings: steel - hot dip glav. In acc to iso 1461 (min. Ave. 120µm thk)

PADS No.	Part Number	Nominal Voltage (kV) (AC)	Power frequency withstand (kV)	Lightning impulse withstand voltage (kV)	Creepage distance (mm)	Arcing Distance (mm)	Specified Tensile Load (STL) (kN)	Specified Cantilever Load (SCL)(kN)	Specified Maximum Design Cantilever (MDCL) (kN)	Number of Sheds	Weight (Kg)
0091/045127	144 034 371	25	125	250	1241	456	90	8	4	6/5	4.5



Tension and Suspension Insulator 25kV AC

Application

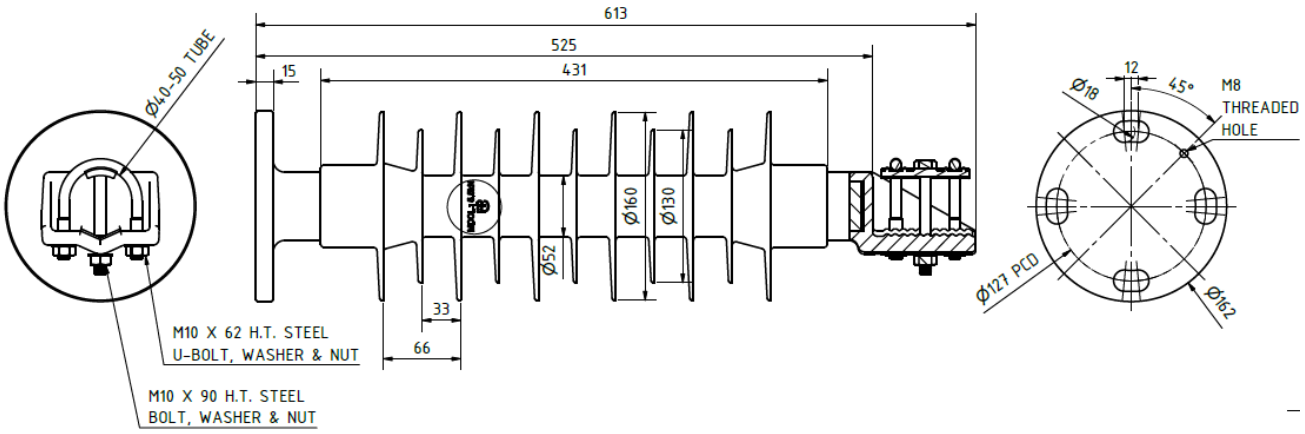


- 25kV Silicone Insulator 250/1340 with
- Ø40-50 Cross Bolted Spade & 127 PCD
- Flange End Fittings

Material

- Polymeric housing: injection moulded htv silicone rubber with ath filler (grey
- Ral 7040, min. 3mm thk)
- Composite core: pultruded ecr-glass fibre & epoxy resin (ø26mm rod)
- End fittings: steel - hot dip glav. In acc to iso 1461 (min. Ave. 120µm thk)

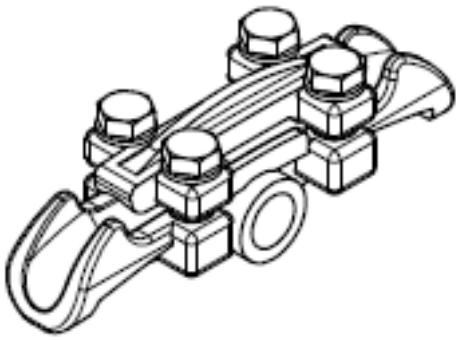
PADS No.	Part Number	Nominal Voltage (kV) (AC)	Power frequency withstand (wet) (kV)	Lightning impulse withstand voltage (kV)	Creepage distance (mm)	Arcing Distance (mm)	Specified Tensile Load (kN) (STL)	Specified Cantilever Load (kN) (SCL)	Specified Maximum Design Cantilever Load (MDCL)	Weight (Kg)
0091/070152	144 034 344	25	125	250	1340	470	90	10	5.5	8.7



Mosdorfer Rail Ltd. 2-4 Orgreave Place, Sheffield. Phone 0114 478 8500, ordersrailuk@mosdorfer.com, www.mosdorfer-rail.com, 2025. Subject

Railway Catenary Systems

Cable Clamp



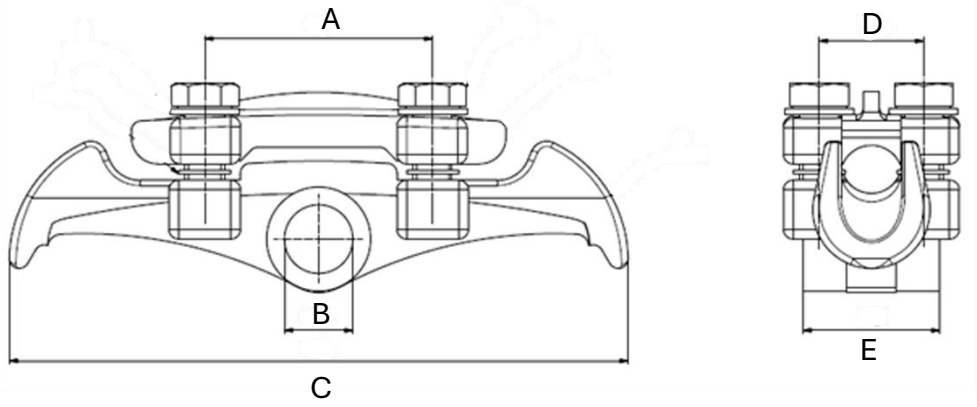
Application

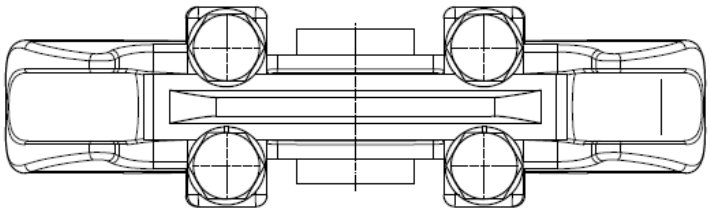
- Pivoting cable clamp assembly, for copper, bronze, steel, aluminium, Aldrey cables

Material

- Hot dip Galvanised

PADS No.	Series 1	Part Number	Conductor Size Ø (mm²)	A	B	C	D	E	Weight (kg)
0091/070088	431.00085	135 224 041	15-18.5, 130-200	70	21	190	32	42	1.29
0091/070089	431.00086	135 229 003	20-23	90	20	230	40	72	0.83
0091/070090	431.00087	135 229 005	26-29.5	90	20	230	40	72	0.79

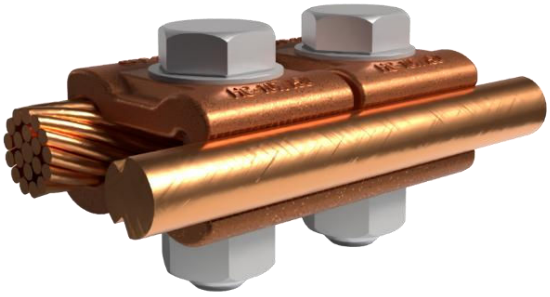




Connection Clamp

Application

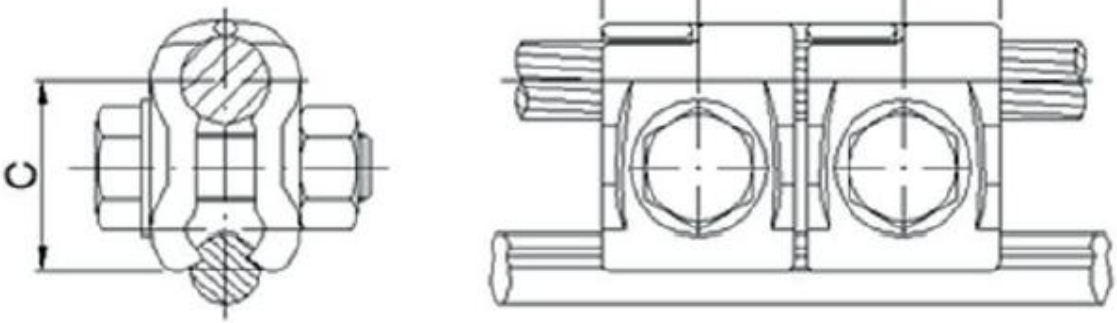
- Contact wire with anchor wire (Z-wire)



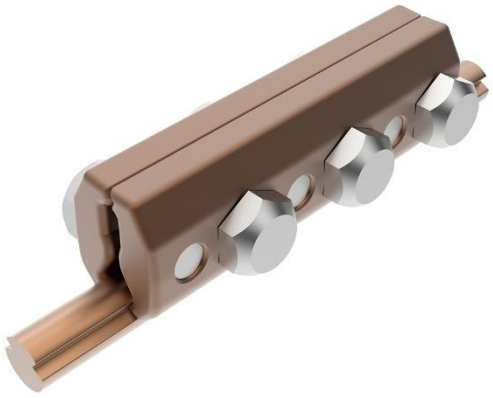
Material

- Forged parts: CuNi2Si (CW111C) (EN 12165)
- Screws: St. Steel (A2) (EN ISO 3506)
- Nuts: St. Steel (A2) (EN ISO 3506)
- Washer: St. Steel (A2) (EN ISO 3506)

PADS No.	Part Number	Main Wire Cross Section (mm^2)	Tightening Torque (Nm)	Branch Wire Cross (mm)	Dimensions A	B	C
0091/070271	325 102 002	AC/BC 80 - 120	65	0.5	70	36	31.5



Contact Wire Splice



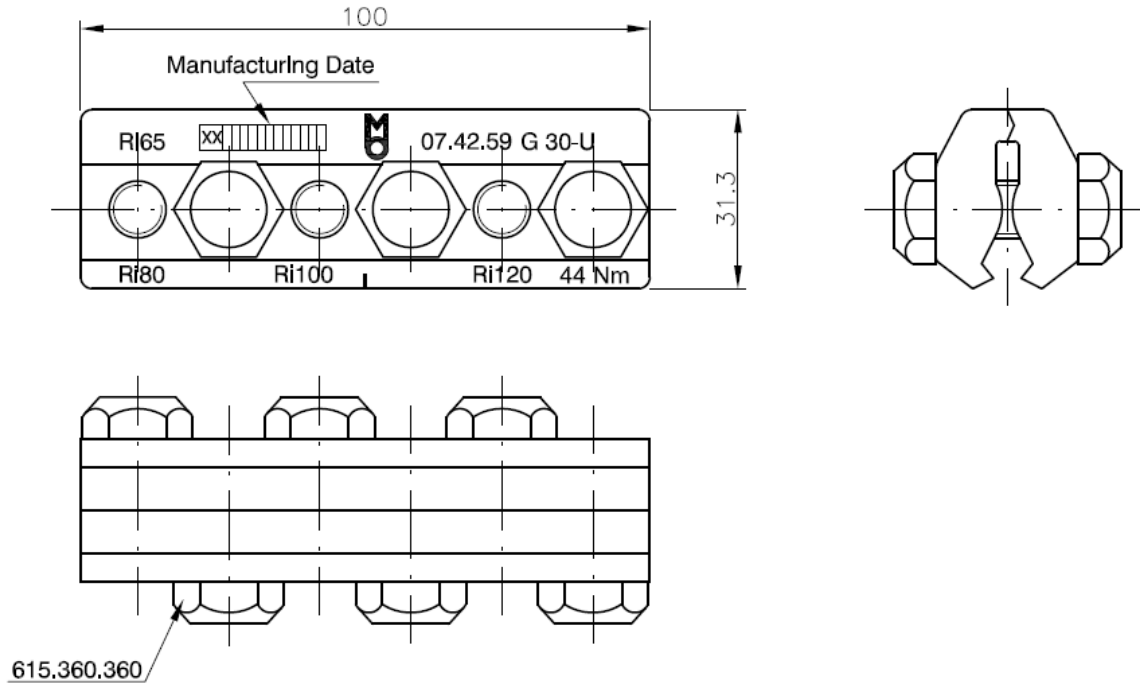
Application

- Electrical and mechanical connection
- Traction wire splice
- This clamp is used to connect grooved overhead contact wires with full tension.

Material

- Forged parts: CuNi2Si (UNE-EN 12165)
- Screw: St. Steel (A2) (EN ISO 3506)

PADS No.	UKMS	Part Number	Contact Wire	Tightening Torque M10	Weight (Kg)
0091/020710	C21/D02/002	302 537 537	AC/BC 80 - 120	44	0.5



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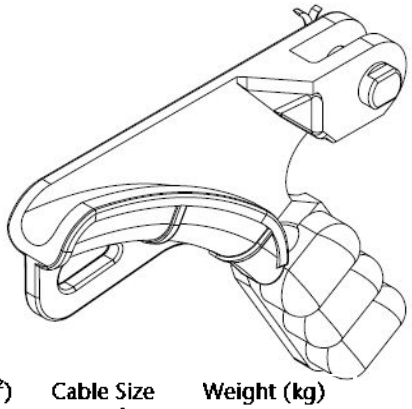
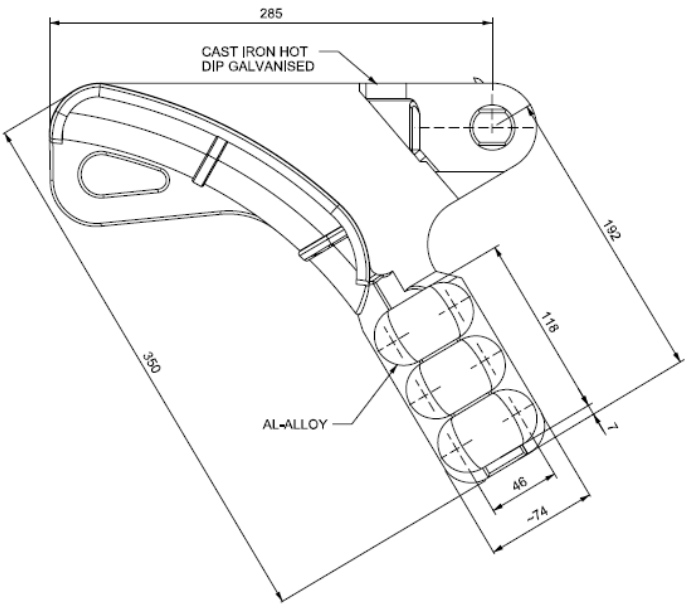
Cover Plate Anchor



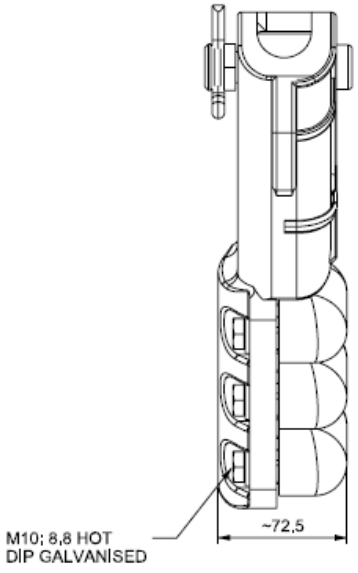
Application

- Cover Plate Anchor Clamp for Al-Ropes ø19.1-25

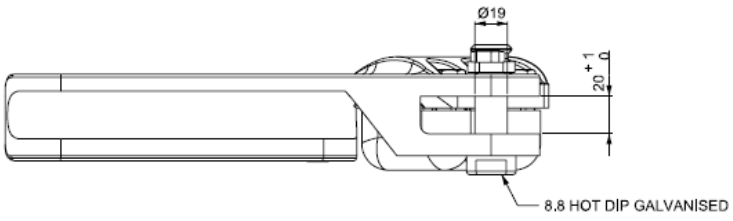
PADS No.	UKMS	Series 1	Part Number	Ø (mm²)	Cable Size (mm²)	Weight (kg)
0091/070234	C21/N10/001	417.00126	235 267 050	19.1-25	150	1.29



FRONT VIEW
SCALE 1:2.5



ELEVATION
SCALE 1:2.5



TOP VIEW
SCALE 1:2.5

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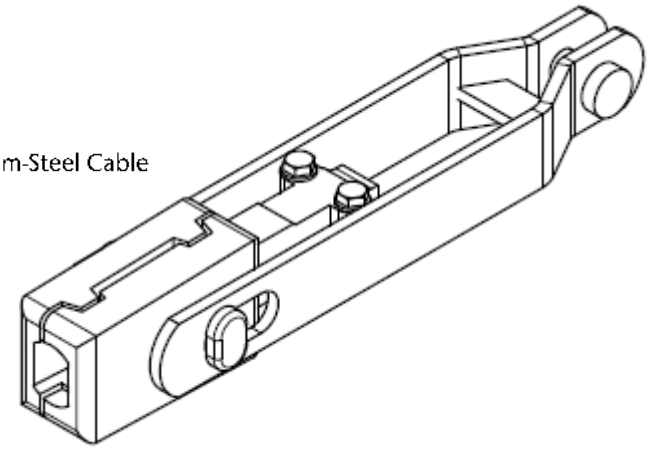
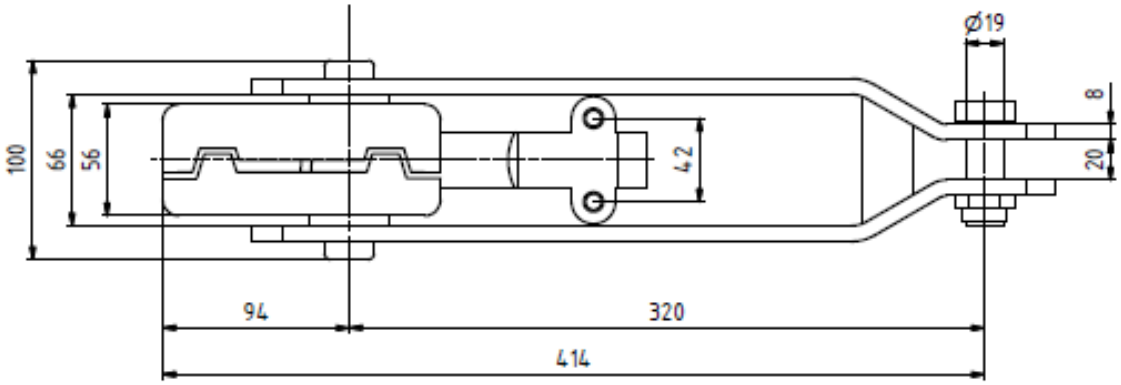
Dead End Clevis

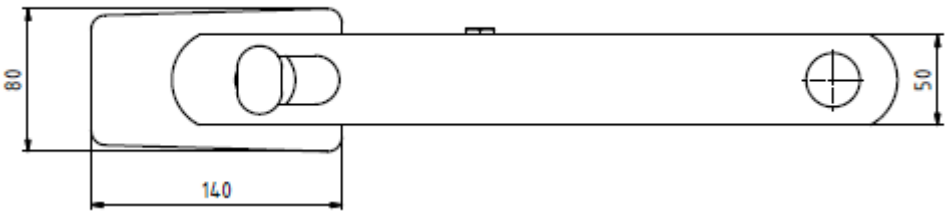


Application

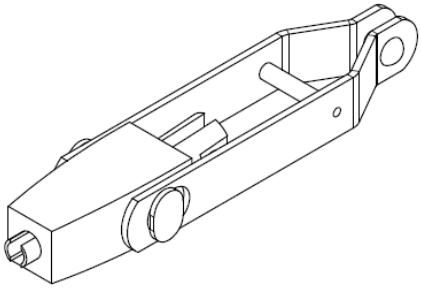
- Dead End Clevis for Aldrey, Aldrey-Steel, Aluminium-Steel Cable

PADS No.	UKMS	Series 1	Part Number	Ø (mm²)	Cable Size (mm²)	Weight (kg)
0091/070076	N/A	417.00126	235 267 050	15.9-17.3	150	1.29





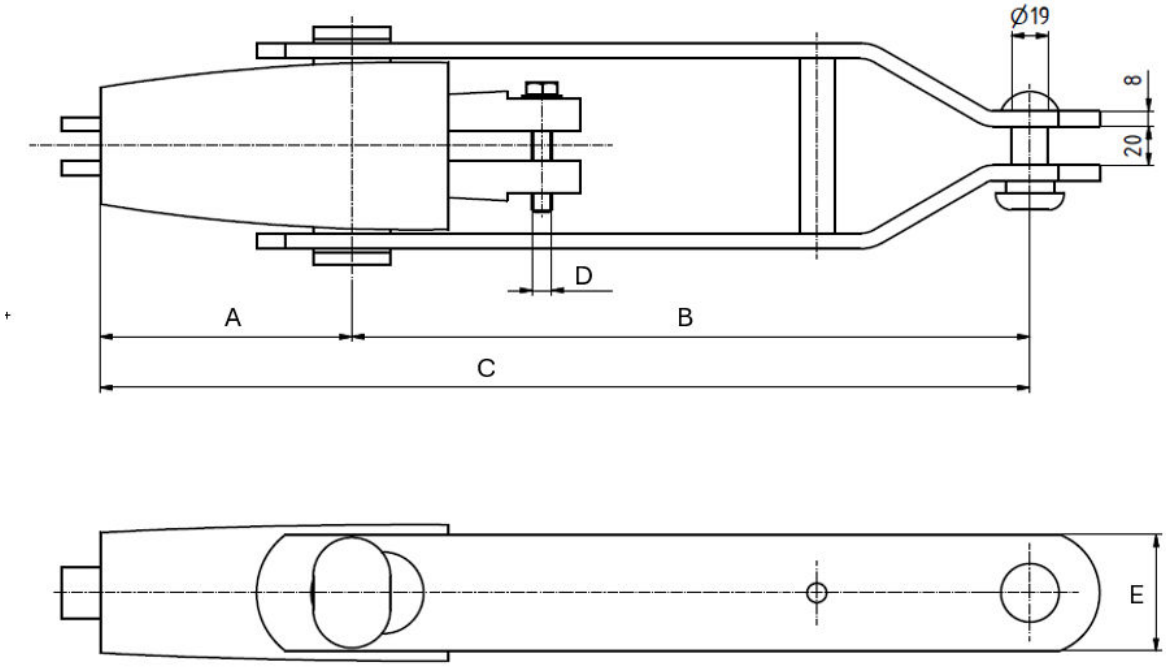
Dead End Clevis



Application

- Dead End Clevis for Aldrey, Aldrey-Steel, Aluminium-Steel Cable.

PADS No.	UKMS	Series 1	Part Number	Ø (mm²)	Cable Size (mm²)	A	B	C	D	E	Weight (kg)
0091/070077	C21/N04/001	417.00127	135 267 021	21 -23	270	130	350	480	M10	60	5.99
0091/070078	N/A	417.00128	135 267 014	26 - 29.5	400	160	445	605	M12	70	9.67



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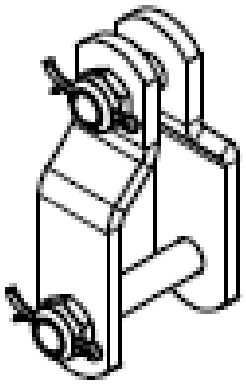
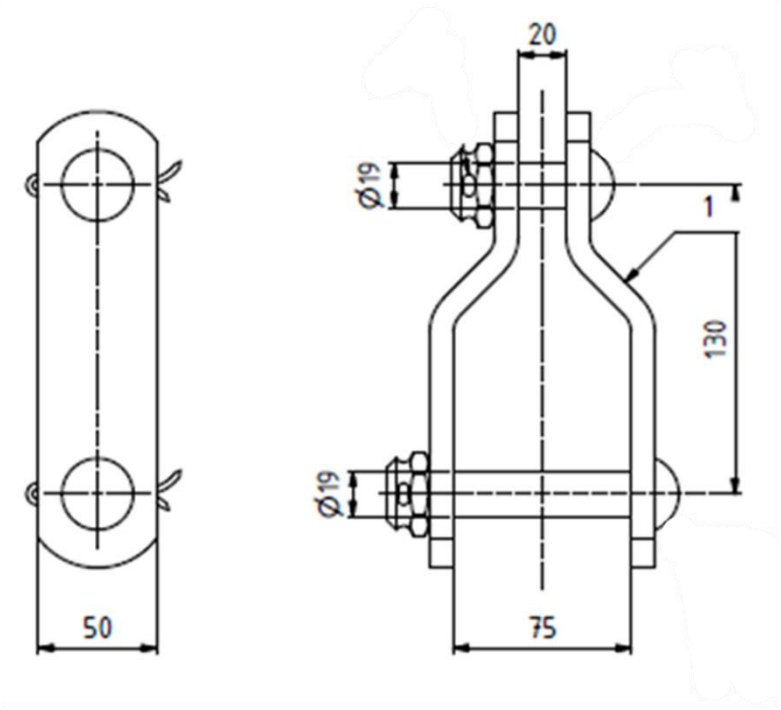
Double Link



Application

- Double Link

PADS No.	Series 1	Part Number	Weight (kg)
0091/070206	433.00236	135 344 104	1.90



Dropper Clip Set

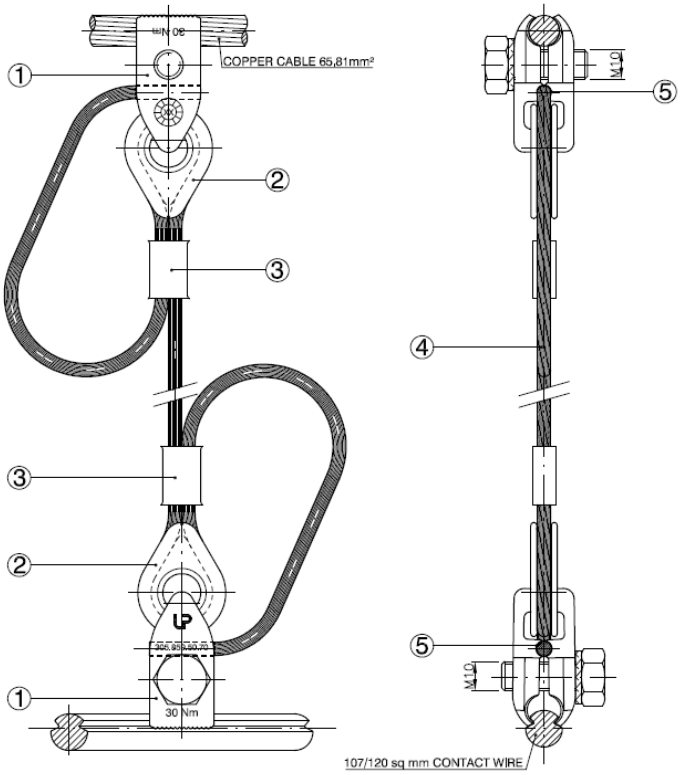
Application

- Droppers are used for the full current carrying suspension connection from/ to the contact wire on the messenger wire.

Material

- See table below.

PADS No.	UKMS	Part Number	No.	Description	Parts Qty.	Reference	Material	UNE
0091/000153	C99/F01/003	PE.HC 107/CU70.10 V2	1	Hanger Clamp 1 C.W	2	305.859.50.70	CuNi2Si	EN 12165
			2	Thimble Nylon	2	625.012.P10	Nylon	N/A
			3	Compression Sleeve	2	625.012.41	Cu – ETP	EN 13600
			4	Bz. Cable 10 sq mm	1	N/A	N/A	N/A
			5	Compression Sleeve	2	OC.10.1	Cu - ETP	EN 13600

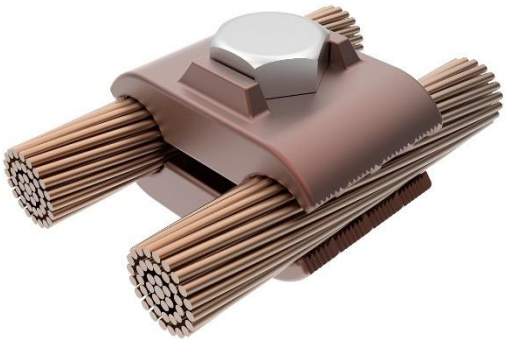


Mosdorfer Rail Ltd. 2-4 Orgreave Place, Sheffield. Phone 0114 478 8500, ordersrailuk@mosdorfer.com, www.mosdorfer-rail.com, 2025. Subject

PG Clamp Catenary

Application

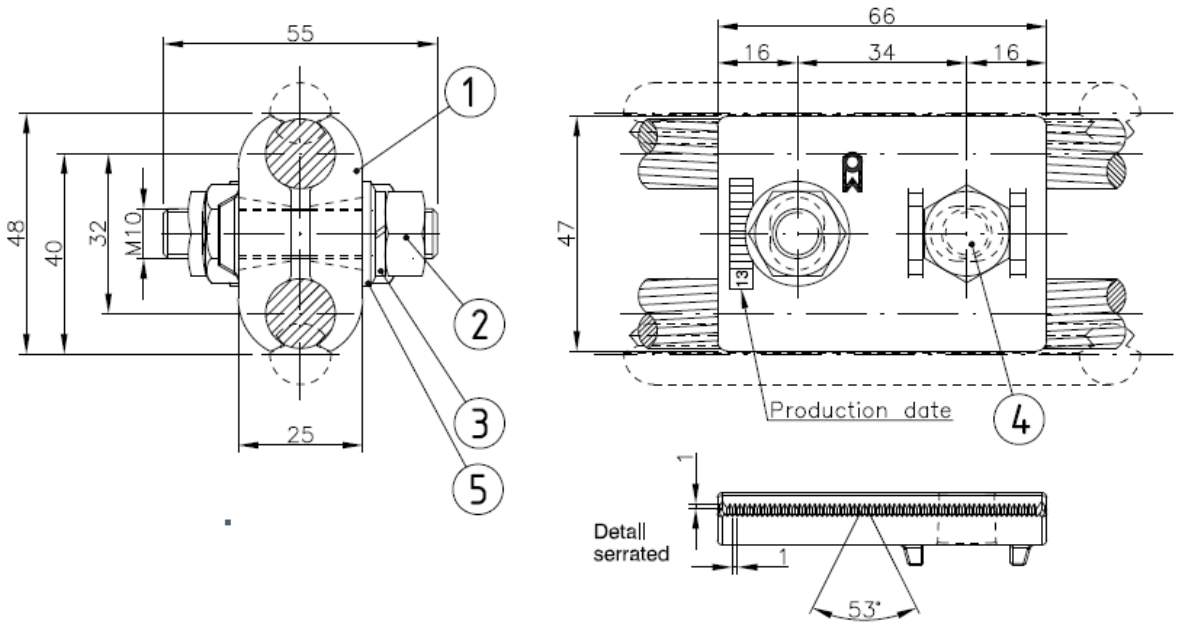
- Jumpers
- Electrical connections
- This clamp is used to provide a full current connection



Material

- Brass
- Screws: St Steel (A2-70) (EN ISO 3506)
- Washers: St Steel (A2) (EN ISO 3506)
- Nuts: St Steel (A2-70) (EN ISO 3506)

PADS. No.	UKMS	Part Number	No.	Description	Qty.	Reference
0091/000494	C25/C00/001	HC.106.VM	1	Clamp Body	2	HC106VM P1
0091/000493	C25/C01/001	HC.106.VM	2	Nut M10	2	FEI M10
			3	Grower Washer	2	AGV1 M10
			4	Screw M10	2	TEI M10X40
			5	Washer M10	2	AP1 M10



PG Clamp Catenary

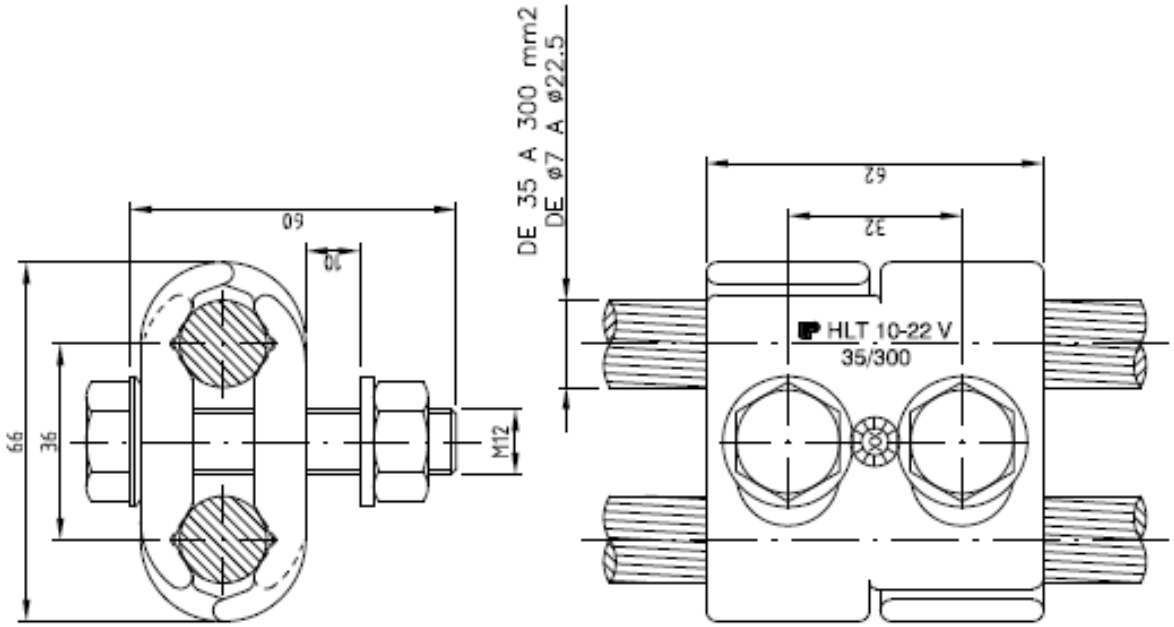
Application

- Electric Bridge
- Electrical connections
- This clamp is used to connect two copper cables

Material

- Brass
- Screws: St Steel (A2-70) (EN ISO 3506)
- Washers: St Steel (A2) (EN ISO 3506)
- Nuts: St Steel (A2-70) (EN ISO 3506)

PADS No.	UKMS	Part Number	Main Cable Cross Section (mm^2)	Branch cable cross section (mm^2)	Tightening Torque (Nm)
0091/000496	C25/C02/001	HLT.10.22.V	35 - 300	35 - 300	65

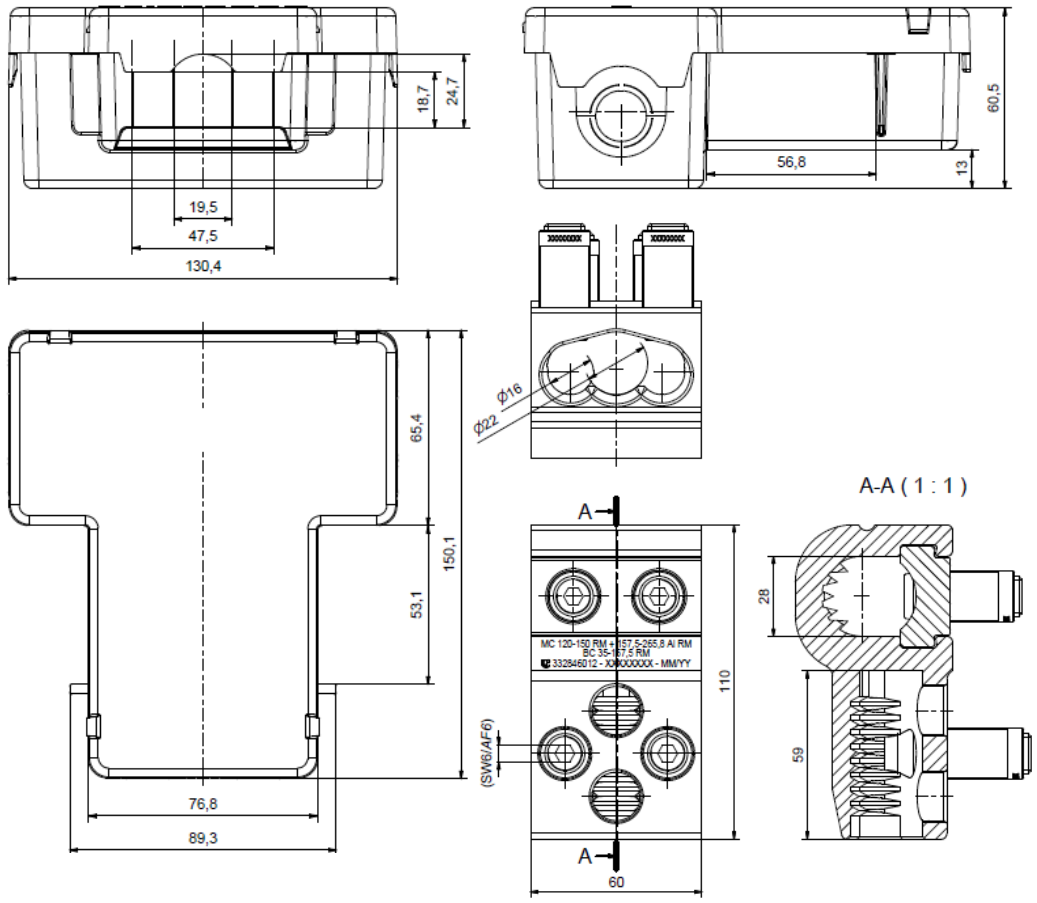


RCS-T Tap Off Earth Connector

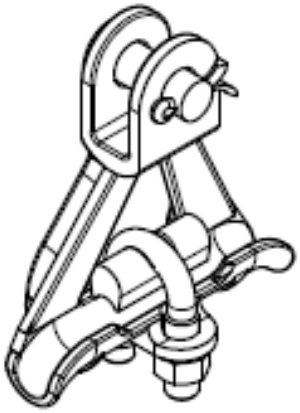
Application

- RSC-T Tap – off earth connector, for insulated power cables.

PADS No.	Part Number	Cross Section of Main Conductor (mm^2)	Cross Section of Tap Conductor (mm^2)	Weight (kg)
0091/070198	332 846 012	120 - 150 RM + 157,5 - 265,8 Al RM	35 – 157.5 RM	0.8



Suspension Clamp



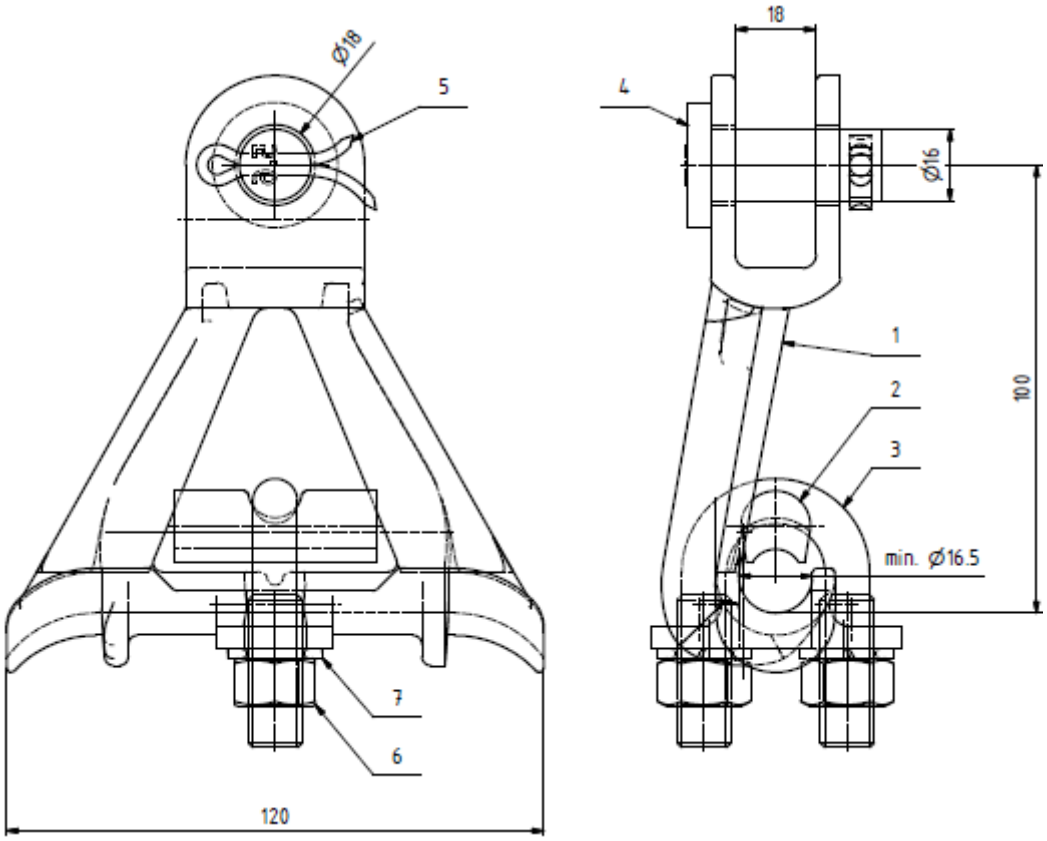
Application

- Suspension Clamp for Conductors up to 150mm² for aluminium, Aldrey, Alumoweld, aluminium-steel, Aldrey-steel ropes

Material

- Hot Dip Galvanized.

PADS No.	Series 1	Part Number	Conductor Size Ø (mm²)	Weight (kg)
0091/070089	431.00006	135 226 010	20-23	0.86



Suspension Clamp

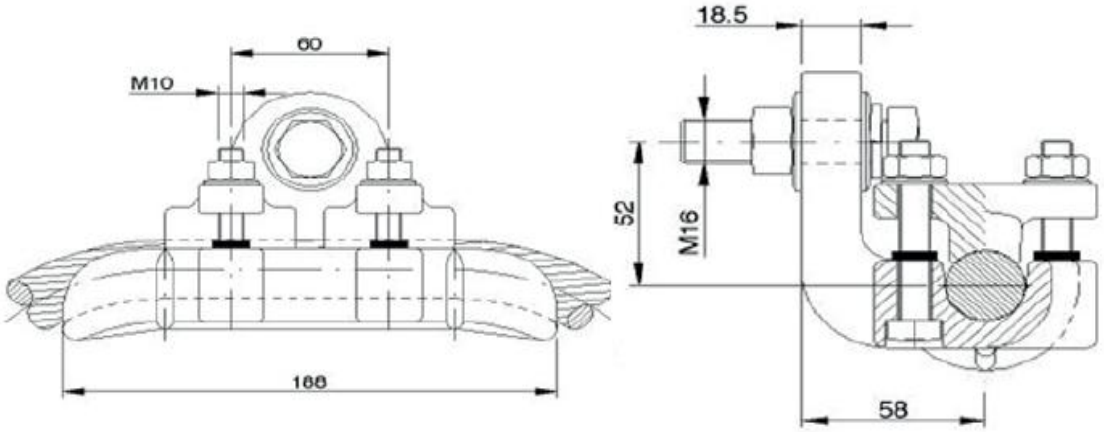
Application

- Suspension Clamp for aluminium earth wires conductor size ø14 – 25.5

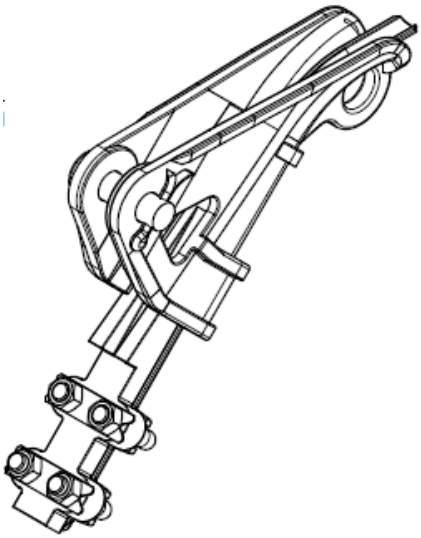
Material

- Casting part: Aluminium alloy EN-AC 43000 (UNE-EN 1706)
- Screws: St. Steel (A2-70) (EN ISO 3506)
- Nuts: St. Steel (A2-70) (EN ISO 3506)
- Washer: St. Steel (A2) (EN ISO 3506)

PADS No.	UKMS	Part Number	Wire Type	Wire Diameter (mm)	Tightening Torque M12	Tightening Torque M16	Weight (Kg)
0091/000497	C29/B21/001	244 340 320	LA-110-230	14 – 20.3	65	130	0.860



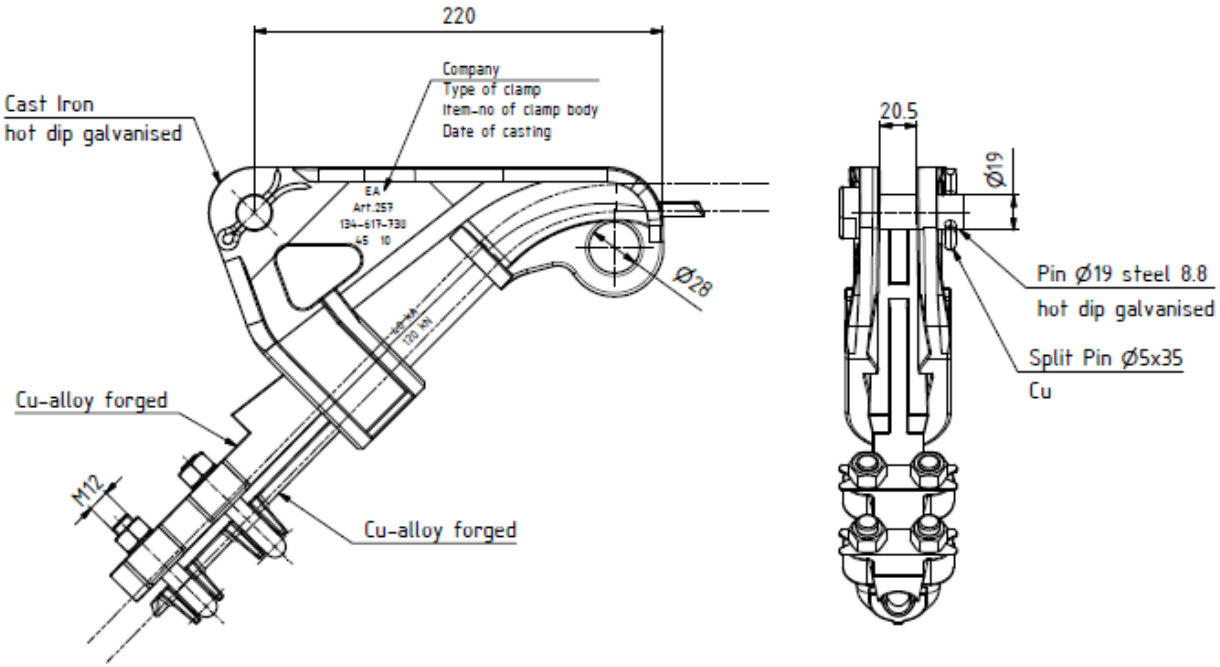
Wedge Clamp



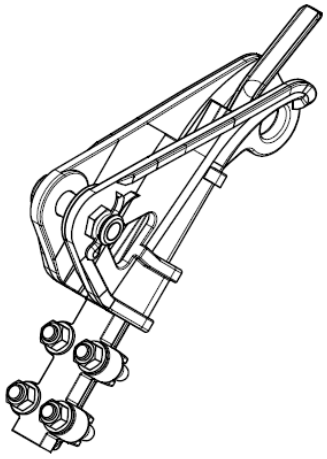
Application

- Wedge Type Clamp for Cu Ropes ø14.1-20

PADS No.	UKMS	Series 1	Part Number	Conductor Size Ø (mm^2)	Weight (kg)
0091/070236	C21/N11/001	457.00003	135 257 090	14.1-20	4.65



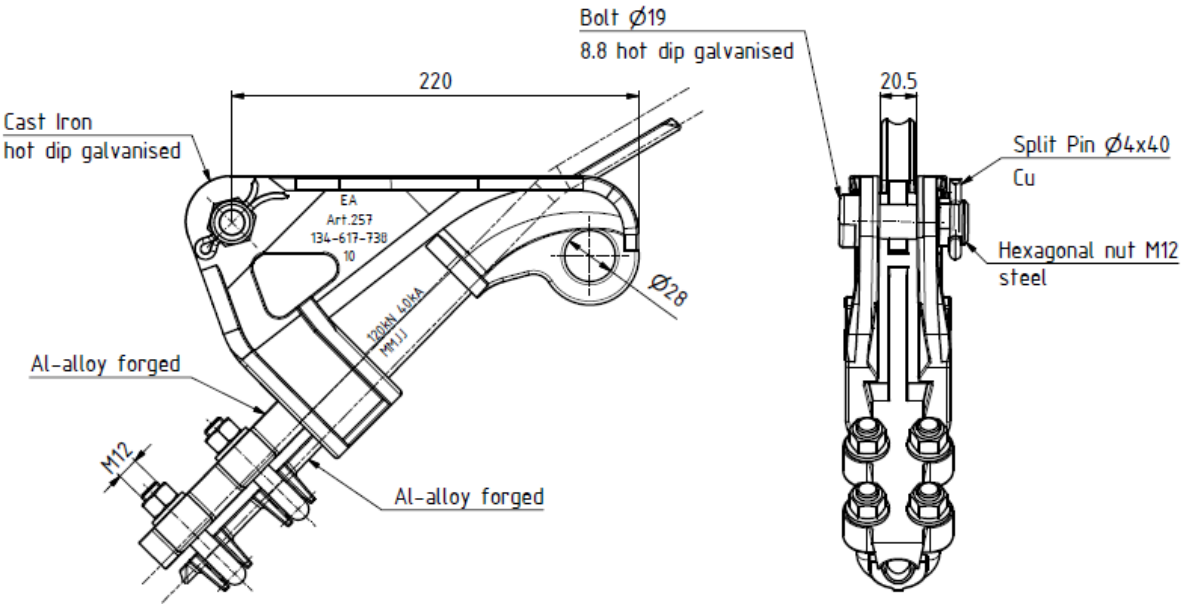
Wedge Clamp



Application

- Wedge Type Clamp for Al Ropes ø14.1-20

PADS No.	UKMS	Series 1	Part Number	Conductor Size Ø (mm^2)	Weight (kg)
0091/070235		457.00002	135 257 090	14.1-20	3.50



Safety Equipment

Voltage Detector with Insulating Rod

Application

- Voltage detector KP-Test 5HL Network Rail - with short insulating rod.

PADS No.	Part Number
0040/090157	930 200 002 00093

Voltage Detector

Application

- Voltage detector KP-Test 5HL Network Rail - Separate Device

PADS No.	Part Number
0040/090158	930 200 002 00088

Type C2D Adaptor

Application

- When using voltage detectors with separate design the operators use their own insulating poles, whereby the minimum requirements regarding the insulating characteristics as well as the minimum insulating lengths have to be absolutely fulfilled.
- We offer a series of adapter by which separate design voltage detectors could be mounted on insulating poles with different connection variants.
- Universal - Twin Button
- Two-level push button

PADS No.	Part Number
-	935 101 004

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Sicon

Sicon LU Connectors

Application

- SICON connectors can be used independently of the conductor material, type, voltage level and current. Thanks to the special design of the bolt, optimal contact force is always achieved. The SICON bolt was developed without predetermined shear-off points. This means that the full load capacity of the thread is always used, thus ensuring perfect contact pressure. A friction disc on the tip of the bolt ensures that the conductor strands are not damaged. The bolt shears off smoothly when it is tightened. The remains stay in the tool and can be safely disposed of. The bolt always shears off at the top edge of the connector body. This way, there are no sharp protrusions. All edges of the connector body are rounded.
- SICON connectors are electrically/mechanically type-tested in accordance with IEC 61238-1 class A.

PADS No.	Part Number	Description
054/001019	332 599 012	Lug Connectors 25 – 150 mm^2 Ø 13.0
054/001020	332 595 012	Lug Connectors 50 – 240 mm^2 Ø 13.0
054/001021	332 604 012	Lug Connectors 10 – 95 mm^2 Ø 13.0
054/001022	332 595 022	Lug Connectors 50 – 240 mm^2 Ø 16.5
054/001023	332 605 012	Lug Connectors 95 – 300 mm^2 Ø 13.0
054/001024	332 606 022	Lug Connectors 95– 300 mm^2 Ø 16.5
054/001025	332 606 012	Lug Connectors 300– 630 mm^2 Ø 16.5
054/001027	332 901 012	Lug Connectors with Centralised Palm 25 -150 mm^2 M12 hole
054/001028	332 900 012	Lug Connectors with Centralised Palm 95 -300 mm^2 M12 hole
054/001029	332 910 022	Lug Connectors with Centralised Palm 300 – 360 mm^2 M12 hole

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Mechanical Straight Connectors

Application

- SICON connectors can be used independently of the conductor material, type, voltage level and current. Thanks to the special design of the bolt, optimal contact force is always achieved. The SICON bolt was developed without predetermined shear-off points. This means that the full load capacity of the thread is always used, thus ensuring perfect contact pressure. A friction disc on the tip of the bolt ensures that the conductor strands are not damaged. The bolt shears off smoothly when it is tightened. The remains stay in the tool and can be safely disposed of. The bolt always shears off at the top edge of the connector body. This way, there are no sharp protrusions. All edges of the connector body are rounded.
- SICON connectors are electrically/mechanically type-tested in accordance with IEC 61238-1 class A.

PADS No.	Part Number	Description
054/001030	332 593 010	Mechanical Straight Connector 25 – 150 mm^2
054/001031	332 592 012	Mechanical Straight Connector 50 – 240 mm^2
054/001032	332 601 012	Mechanical Straight Connector 10 – 95 mm^2
054/001033	332 602 012	Mechanical Straight Connector 95 – 300 mm^2
054/001034	332 603 012	Mechanical Straight Connector 300 – 630 mm^2

Tensorex C+

Tensorex C+

Overview

TENSOREX C- is an automatic tensioning device that uses the force of a spiral spring to constantly tension the railway contact wire and/or messenger wire. It therefore effectively compensates the expansion caused by fluctuating daytime and night-time temperatures as well as the change in the seasons while keeping the tension at a constant level.

How it Works

TENSOREX C- exerts a constant pulling force on the connected catenary wires. The tensile force is independent of the temperature-related length changes of the ropes. The one or more spiral springs are firmly connected to two pulleys (one on each side) on the same shaft. The degree of rotation of the shaft results in a variable torque, which is compensated by the variable radius of the pulleys. This produces a constant pulling force over the entire working force.

Advantages

- Highest safety

Designed and built for maximum safety. No falling counterweights in the event of an accident.

- Highest reliability

Every TENSOREX C+ unit is tested before shipping to the customer and supplied with test certificate.

- Lowest life cycle costs

Minimal installation time and costs. Little maintenance work required, only visual inspection needed.

- Compact design

Easy handling and transportation, Esthetical solution for inner-city installations.

- Fast installation

Delivered ready to install, no assembly required, no weights must be installed.

- No tensioning weights required

Vandalism resistant. Free space on the mast base - escape routes are not blocked.

- High precision

Constant tightening force over the entire compensation range, Fast and precise response - very small traction force hysteresis.

- Purely mechanical device

Requires no additional power supply and electronics. No influences due to temperature changes

Application

- For railways and tramways

- Best solution for portals, tunnels, noise protection walls and platforms

- Inner-city installations where low visual impact is requested

Tensorex C+ Temperature 10˚c (MK3 b, c, d)

Application

- Equipment set up temperature 10˚c (MK3 b, c, d)

PADS No.	UK/MS	Part Number	Description	Nominal Tension (kN)	Maximum Regulation (mm)
091/029015	N/A	000700490 102	Tensorex TRC+ 500/2250	22	375
091/029014	N/A	000700680 102	Tensorex TRC+ 650/1125	11	375
091/029022	N/A	000700885 102	Tensorex TRC+ 1000/835	8.195	1000
091/029028	N/A	000700887 102	Tensorex TRC+ 1000/875	8.56	1000
091/029021	N/A	000700881 102	Tensorex TRC+ 1000/1150	11.3	375
091/029029	N/A	000700884 102	Tensorex TRC+ 1000/1215	11.9	1000
091/029026	N/A	000700882 102	Tensorex TRC+ 1000/1425	14	1000
091/029023	C21/B02/007	000700878 102	Tensorex TRC+ 1000/1985	19.495	1000
091/029030	N/A	000700880 102	Tensorex TRC+ 1000/2085	20.46	1000
091/029025	N/A	000700879 102	Tensorex TRC+ 1000/2250	22	1000
091/029054	N/A	000701323 102	Tensorex TRC+ 1100/1745	17.113	1100
091/029055	N/A	000700840 102	Tensorex TRC+ 1100/2000	19.61	1100
091/029065	N/A	000700886 102	Tensorex TRC+ 1000/1125	11	1000
091/029106	N/A	000701427 202	Tensorex TRC+ 1400/1125	11	1400
091/029107	N/A	000701429-202	Tensorex TRC+ 1350/2250	22	1350

Tensorex C+ Temperature 15°C (GEFF/SSV Design Range)

Application

- Approved Units for Contact Wire only (tiro -80° type units)
- Equipment Set up Temperature 15°C

PADS No.	Drawing	Part Number	Description	Nominal Tension (kN)	Maximum Regulation (mm)
091/029040	525.00041-03	000701116-1B101	Tensorex C+ 450/1345 4MS(60) - TM=15°C angolo tiro - 80°	13.2	450
091/029039	525.00041-02	000701115-1B101	Tensorex C+ 750/1345 4MS(60) - TM=15°C angolo tiro - 80°	13.2	750
091/029038	525.00041-01	000700897-1B101	Tensorex C+ 1000/1345 4MS(60) - TM=15°C angolo tiro - 80°	13.2	1000

Tensorex C+ Temperature 15°C (GEFF/SSV Design Range)

Application

- Approved Units for Contact and Catenary Wire
- Equipment Set up Temperature 15°C (GEFF/SSV Design Range)

PADS No.	Drawing	Part Number	Description	Nominal Tension (kN)	Maximum Regulation (mm)
091/029031	525.00038-03	000701097 1101	Tensorex TRC+ 450/1225	12	450
091/029032	525.00038-04	000701077 1101	Tensorex TRC+ 450/1345	13.2	450
091/029033	525.00038-01	000701027 1101	Tensorex TRC+750/1225	12	750
091/029034	525.00038-02	000701025 1101	Tensorex TRC+ 750/1345	13.2	750
091/029035	525.00038-11	000700883 1101	Tensorex TRC+ 1000/1225	12	1000
091/029036	525.00038-12	000700897 1101	Tensorex TRC+ 1000/1345	13.2	1000
091/099037	-	000701025 1B101	Tensorex TRC+ 750/1345 – 22˚ Block	13.2	750

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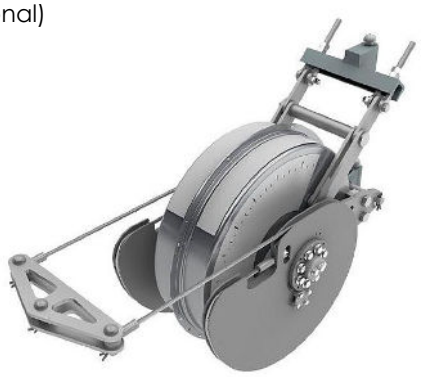
Tensorex C+ Temperature 20°C (Series 1, 2, UKMS)

Application

- Equipment Set up Temperature 20°C (Series 1, 2, UKMS)

PADS No.	Series 1	UK/MS	Part Number	Description	Nominal Tension (kN)	Maximum Regulation (mm)
091/070187	525.00040-03	N/A	000700671 104	Tensorex TRC+ 450/1320	13	450
091/070189	525.00040-06	N/A	000701044 104	Tensorex TRC+ 450/1680	16.5	450
091/070186	525.00040-02	N/A	000700672 104	Tensorex TRC+ 750/1320	13	750
091/070188	525.00040-05	N/A	000700673 104	Tensorex TRC+ 750/1680	16.5	750
091/029024	N/A	C21/B02/001	000700886 104	Tensorex TRC+ 1000/1125	11	1000
091/029027	N/A	C21/B02/002	000700883 104	Tensorex TRC+ 1000/1225	12	1000
091/070133	525.00040-01	C21/B02/003	000700847 104	Tensorex TRC+ 1000/1320	13	1000
091/070159	525.00040-04	C21/B02/005	000700687 104	Tensorex TRC+ 1000/1680	16.5	1000
091/030009	N/A	C21/B02/004	000701236 104	Tensorex C+ 1000/1530	15	1000

Tensorex C+ Temperature 20°C (Series 1 UKMS-Additional)



Application

- Equipment Set up Temperature 20°C (UKMS-Additional)

PADS No.	UK/MS	Part Number	Description	Nominal Tension (kN)	Maximum Regulation (mm)
091/029056	C21/B02/010	000701356 204	Tensorex TRC+ 1100/2250	22	1100
091/029057	C21/B02/009	000701357 204	Tensorex TRC+ 1100/1985	19.495	1100
091/029058	C21/B02/008	000701364 204	Tensorex TRC+ 1100/1125	11	1100
091/029036	C21/B02/011	000701323-204	Tensorex TRC+ 1100/1745	17.113	1100
091/029103	N/A	000701427-204	Tensorex TRC+ 1400/1125	11	1400
091/029108	N/A	000701429-204	Tensorex TRC+ 1350/2250	22	1350

Tensorex C+ Temperature 20°C (Series 1)

Application

- Equipment Set up Temperature 20°C

PADS No.	Series 1	Part Number	Description	Nominal Tension (kN)	Maximum Regulation (mm)
091/070158	525.00039-03	000701117-1B104	Tensorex C+ 450/1680 3M(60) - TM=20°C angolo tiro - 80°	16.5	450
091/070157	525.00039-02	000700673-1B104	Tensorex C+ 750/1680 4M(60) - TM=20°C angolo tiro - 80°	16.5	750
091/070132	525.00039-01	000700687-1B104	Tensorex C+ 1000/1680 4MS(60) - TM=20°C angolo tiro - 80°	16.5	1000

Tensorex C+ Brackets

Application

- To mount Tensorex C+ unit to mast.

Material

- Steel. Hot Dip Galvanised

PADS No.	UKMS	Part Number	Description
0091/029091	C21/B06/201	000 700 415-03-UK	Tensorex C+ Mounting Bracket for 254x254 UC Mast (Tied)
0091/029094	C21/B06/205	000 700 415-02-UK	Tensorex C+ Mounting Bracket for 203x203 UC Mast (Tied)
0091/029101	C21/B06/306	000 700 415-16-UK	Tensorex C+ Mounting Bracket for 6"x6"x25lb/ft BFB Mast (Tied)
0091/029102	C21/B06/307	000 700 415-16-UK	Tensorex C+ Mounting Bracket for 7"x7"x34lb/ft BFB Mast (Tied)
0091/029105	C21/B06/202	000 700 415-09-UK	Tensorex C+ Mounting Bracket for 356x368 UC Mast (S.S.A)
0091/029095	C21/B06/206	000 700 415-01-UK	Tensorex C+ Mounting Bracket for 305x308 UC Mast (S.S.A)
0091/049092	C21/B06/203	000 700 415-06-UK	Tensorex C+ Mounting Bracket for 300x90x41.4kg PF DC Mast (SSA)
0091/049093	C21/B06/204	000 700 415-11-UK	Tensorex C+ Mounting Bracket for 380x100x54kg PF DC Mast (SSA)
0091/049096	C21/B06/301	000 700 415-18-UK	Tensorex C+ Mounting Bracket for 12" x 3 ½" x 26.37lb/ft x 1'6" DC Mast
0091/049097	C21/B06/302	000 700 415-20-UK	Tensorex C+ Mounting Bracket for 2" x 3 ½" x 26.37lb/ft x 2'6" DC Mast
0091/049098	C21/B06/303	000 700 415-18-UK	Tensorex C+ Fixing bracket for 9" x 3" x 17.46lb/ft x 1'6" DC Mast
0091/049099	C21/B06/304	000 700 415-19-UK	Tensorex C+ Fixing bracket for 9" x 3" x 17.46lb/ft x 2'0" DC Mast
0091/049100	C21/B06/305	000 700 415-20-UK	Tensorex C+ Fixing bracket for 9" x 3" x 17.46lb/ft x 2'6" DC Mast
0091/029078	N/A	086 090 000	TRC+ Type A Bracket Extender Assembly
0091/029104	N/A	000 700 408-07	TRC+ Bracket for 323.9 dia circular Mast

Tools

Compression Tool with 360 Swivel Head

Mechanical tools with open design of the compression head. The open design of the compression head allows the placement and removal of the compression pliers directly at the connection to be pressed without removing the compression pliers.

Application

- Open Hand-Operated Compression Tool - Primat O2D (with 360° swivel Head)

Material

Compressible cross sections:

- Copper up to 35 mm^2
- Aluminium up to 50 mm^2

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Die for Compression Tool

Application

- Die for compression tool Primat O2D

Material

- Case – hardening steel, burnished.

PADS No.	Part Number	Conductor Cross Section (mm^2)
0111/108294	304 328 328	10 Bz flex

Hand Operated Crimping Tool

Application

- Used for 10 mm^2, 16 mm^2 Aluminium Crimping tubes and copper terminals and cutting Ø6.2 mm Diagonal Wires.

PADS No.	Part Number	Crimping Head Rotation	Handle Opening Angle	Handle Length	Weight (Kg)
-	HMC-30	360 °	≥ 180°	500 x 130 x 40 mm	2.8

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Hand Operated Crimping Tool

Application

- 185mm² suspension string, diagonal wires

PADS No.	Part Number	Crimping Head Rotation	Maximum Output	Dimensions	Weight (Kg)
-	HMC-62	360 °	6T	781 X 180 X 87	4.1

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Wedges Clamps and Bodies

Wedge Clamp and Bodies

Application

- To tension conductor wires on overhead catenary systems.
- For copper, steel and aluminium conductor wires from 9mm – 32mm

Material

- High Strength Aluminium Alloy

Pair of Wedges:

PADS No.	Part Number	Type	Conductor	Conductor Diameter	Working Load (Kn)	Weight (Kg)
0091/002341	406594594	A	For Al and Aldrey Conductors	9.0 to 10.7mm	60	1.7
0091/002344	406594595	B	For Cu, Bz and steel conductors	10.8 to 12.5mm	60	1.7
0091/002345	406594597	C	For Cu, Bz and steel conductors	14.4 to 16.1mm	60	1.6
0091/002346	406598602	D	For Al and Aldrey conductors	16.2 to 18.2mm	60	1.2
0091/002347	406598604	E	For Al and Aldrey conductors	20.5 to 22.5mm	60	1.1
0091/002348	406594003	F	For Cu, Bz and steel conductors	18.3 to 20.4mm	100	2.5
0091/002335	406594596	Y	For Cu, Bz and steel conductors	12.6 to 14.3mm	60	1.6
0091/002343	406598598	AS	For Al and Aldrey conductors	9.0 to 10.7mm	60	1.1
0091/002342	406598599	AL	For Al and Aldrey conductors	10.8 to 12.5mm	60	1.3

Bodies:

PADS No.	Part Number	Conductor Diameter	Weight (Kg)
0091/002340	438158001	9.0 to 24.5mm	2.5
0091/002336	438158002	24.5 to 32.0mm	4.0

ENERGY

WE ENERGIZE
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09 - 2025

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