



CAPLE CLAMPS

CATALOGUE

GET IN TOUCH

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Table of Contents

- 1- About Cable Clamps.**
- 2- HV Single Al Alloy Cable Clamps.**
- 3-HV Trefoil Al Alloy Cable clamps.**
- 4-HV/MV Trefoil SS Cable Clamps.**
- 5-HV/MV Quad SS Cable Clamps.**
- 6-HV/MV Single Bolt SS Cable Clamps.**
- 7-MV/LV Trefoil Al Cable Clamps.**
- 8-HV/MV Trefoil SS Cable Clamps.**

ABOUT CABLE CLAMPS

Cable clamp/cleat is a device designed to provide securing of cables when installed at intervals along the PTE's single & trefoil .(61914 length of the cables." (IEC clamps made of non-ferrous, non-magnetic alloys meets the requirement of latest international standards & type tested for electrical short circuit, axial load, lateral load and impact as per stringent 61914 requirements of IEC

Our clamps are provided with all the required installation hardware, like nuts, bolts, washers, and springs. EPDM rubber lining is used with the clamps to increase friction resistance, & to accommodate the expansion of XLPE during heating/cooling cycles due to varying loads & ambient temperature variations Cable clamps are designed to hold cables in Flat and trefoil formation in normal operating conditions and restore cable geometry after experiencing severe loads & short circuit which may result in damage of terminations/sealing end

Selection of right clamps with adequate strength is the most important factor to overcome a fault and enable the circuit to be restored once the fault has been repaired. The proper clamping is important ensures easy installation and the safe long term performance of the cable system

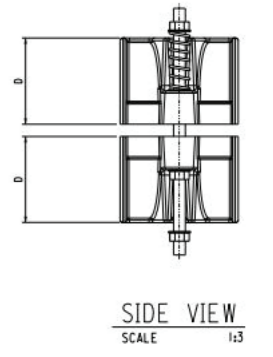
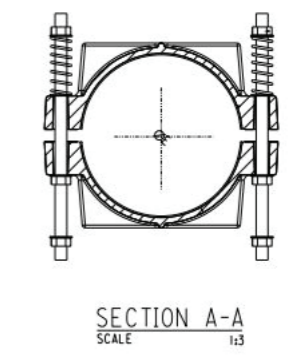
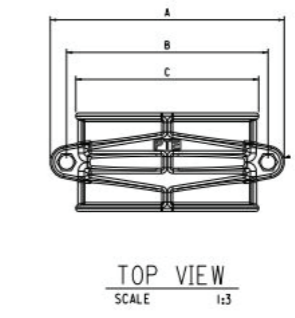
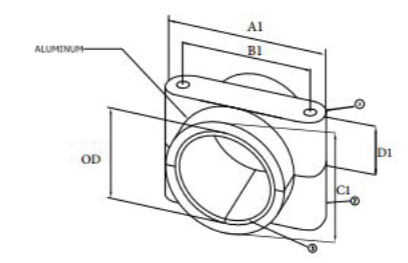
phase alternating 3 When parallel conductors carrying current suffer a short circuit fault, the cables experiencing extreme opposing forces. Hence it is very important to have a proper cable support and clamps design to ensure the safety of cable at transient switching and faults

HV Single Al Alloy Cable Clamps

Technical Data & Classification	
Type	Aluminium Single
Design Specification	IEC 61914:2015
Maximum Operating Temperature in degree C	*-50°C to +160°C
Short Circuit withstand rating.	66 kA/sec, as per IEC-61914:2015 Clause 9.5.2
Short Circuit Peak Current	167.3 kA as per IEC-61914:2015 Clause 9.5.2
Impact Test	Very Heavy as per IEC 61914:2015
Axial Load Test	255 kgf
Lateral Load	1530 ≤ 2040 kgf
Material	Cast Aluminium Alloy
Material Colour	Silver

Catalogue #	Cable Diameter Range (mm)	Dimensions				Clamp Weight
		A	B	C	D	
PTE-DC-94	79-91	143	123	109	70	178
PTE-DC-108	92-106	158	133	122	58	1050
PTE-DC-122	107-120	176	151	138	65	1200
PTE-DC-134	121-133	194	166	155	71.42	1600
PTE-DC-148	134-147	214	184	167	78	1900
PTE-DC-165	148-163	238	209	186	83.5	2700

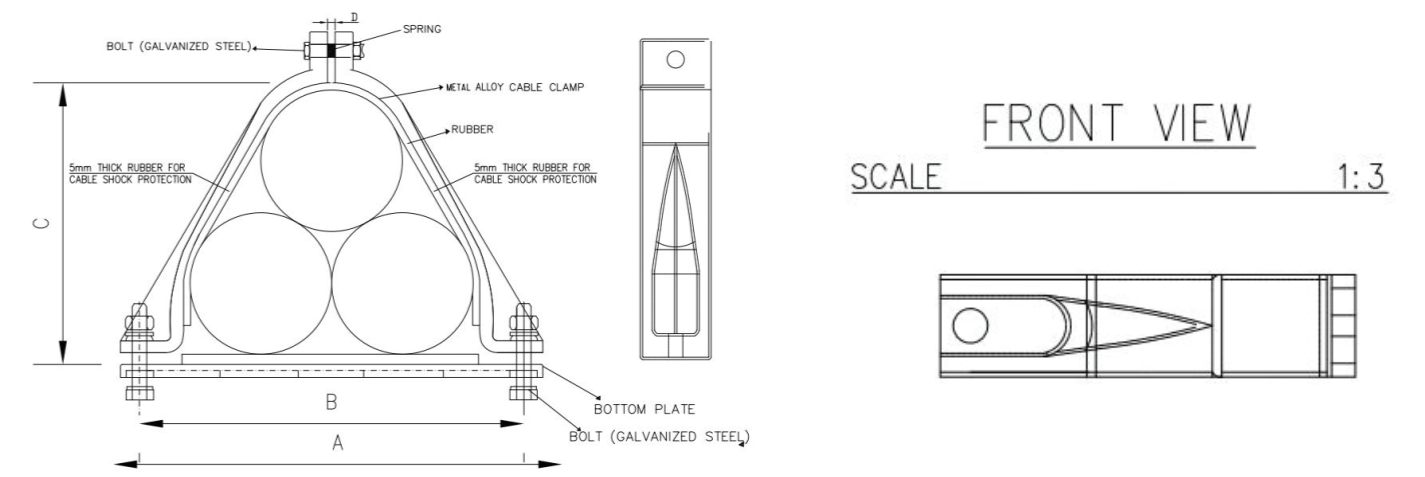
Catalogue #	Cable Diameter Range (mm)	Dimensions				Clamp Weight
		A1	B1	C1	D1	
PTE-DC-66	50-64	104	79	73	38	600
PTE-DC-77	64-76	122	97	89	44.5	700



HV Trefoil AL Alloy Cable Clamps

Technical Data & Classification	
Type	Aluminium Trefoil
Design Specification	IEC 61914:2015
Maximum Operating Temperature in degree C	*-50°C to +160°C IEC 61914:2159
Short Circuit withstand rating.	65 kA/sec, as per IEC-61914:2015 Clause 9.5.2
Short Circuit Peak Current	94 kA as per IEC-61914:2015 Clause 9.5.2
Impact Test	Very Heavy as per IEC 61914:2015
Axial Load Test	204 kgf
Lateral Load	1530 kgf
Material	Cast Aluminium Alloy
Material Colour	Silver

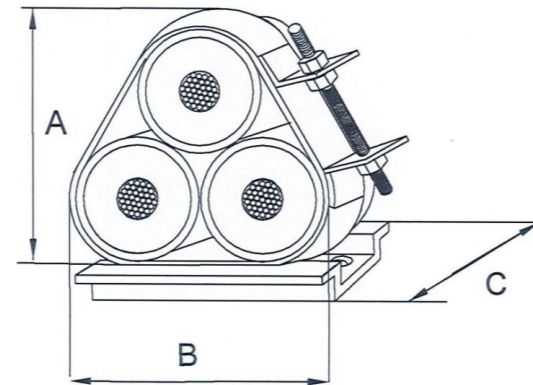
Catalogue #	Cable Diameter Range (mm)	Dimensions				Clamp Weight
		A	B	C	D	
PTE-TC-108	84-100	320	265	213	5-28	178
PTE-TC-119	101-117	360	300	243	5-28	1050
PTE-TC-134	118-134	400	335	272	5-28	1200
PTE-TC-150	135-150	440	370	302	5-28	1600
PTE-TC-166	151-166	480	405	332	5-28	1900



HV/MV Trefoil SS Cable Clamps

Technical Data & Classification	
Type	SS TREFOIL
Design Specification	IEC 61914:2009
Temperature for permanent application	*-50°C to +160°C IEC 61914:2009 clause / part 6.2 & Local Standards.
Lateral Load Capability	22kN Perpendicular to the Installation Axis 22kN Horizontal to the Installation Axis, IEC 61914:2009 clause 9.3
Axial Load Capability	2.5kN IEC 61914:2009 clause 9.4,
Impact Resistance	Very Heavy as per IEC 61914:2009 clause 6.3, 6.3.5, 9.2
Material	316L Stainless Steel Strap with Standard Liner
Material Colour	Silver / Grey

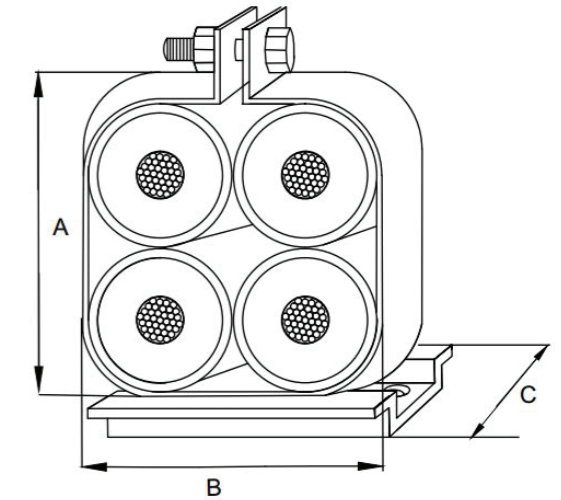
Catalogue #	Cable Diameter Range (mm)	Dimensions			Clamp Weight
		A	B	C	
PTE-TC-SS-34	24-34	73	67	80	178
PTE-TC-SS-41	30-41	87	81	80	187
PTE-TC-SS-47	37-47	97	93	80	210
PTE-TC-SS-54	43-54	113	106	80	225
PTE-TC-SS-60	50-60	125	118	80	235
PTE-TC-SS-67	57-67	139	131	80	260
PTE-TC-SS-73	63-73	151	142	80	270
PTE-TC-SS-80	69-80	165	156	80	295
PTE-TC-SS-85	72-85	175	165	80	300
PTE-TC-SS-95	82-95	195	185	80	325
PTE-TC-SS-105	92-105	215	204	80	350
PTE-TC-SS-115	102-115	235	223	80	380
PTE-TC-SS-125	112-125	255	243	80	410
PTE-TC-SS-135	122-135	275	262	80	430
PTE-TC-SS-145	132-145	295	281.5	80	460



HV/MV Quad SS Cable Clamps

Technical Data & Classification	
Type	SS QUAD
Design Specification	IEC 61914:2009
Temperature for permanent application	*-50°C to +60°C IEC 61914:2009 clause / part 6.2 & Local Standards.
Lateral Load Capability	22kN Perpendicular to the Installation Axis 22kN Horizontal to the Installation Axis, IEC 61914:2009 clause 9.3
Axial Load Capability	2.5kN IEC 61914:2009 clause 9.4,
Impact Resistance	Very Heavy as per IEC 61914:2009 clause 6.3, 6.3.5, 9.2
Material	316L Stainless Steel Strap with Standard Liner
Material Colour	Silver / Grey

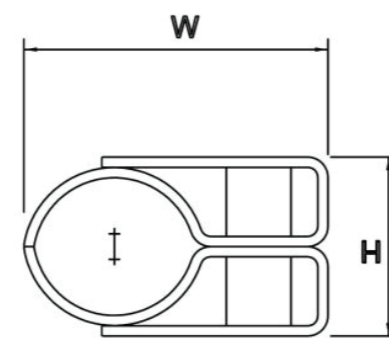
Catalogue #	Cable Diameter Range (mm)	Dimensions			Clamp Weight
		A	B	C	
PTE-QC-SS-34	21-27	100	85	80	178
PTE-QC-SS-41	25-31	110	73	80	187
PTE-QC-SS-47	30-35	115	79	80	210
PTE-QC-SS-54	34-37	120	85	80	225
PTE-QC-SS-60	35-40	130	90	80	235
PTE-QC-SS-67	39-45	135	95	80	260
PTE-QC-SS-73	44-47	140	100	80	270
PTE-QC-SS-80	46-50	145	105	80	295
PTE-QC-SS-85	49-55	150	110	80	300
PTE-QC-SS-95	54-60	195	115	80	325



HV/MV Single Bolt SS Cable Clamps

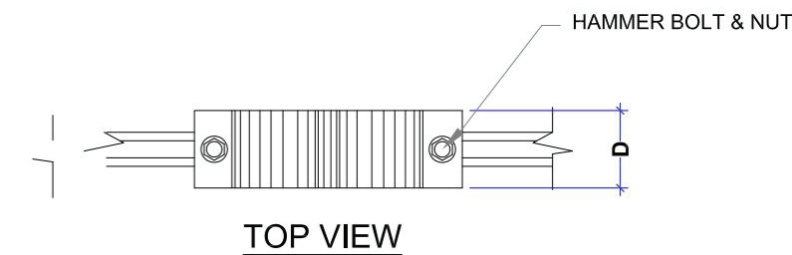
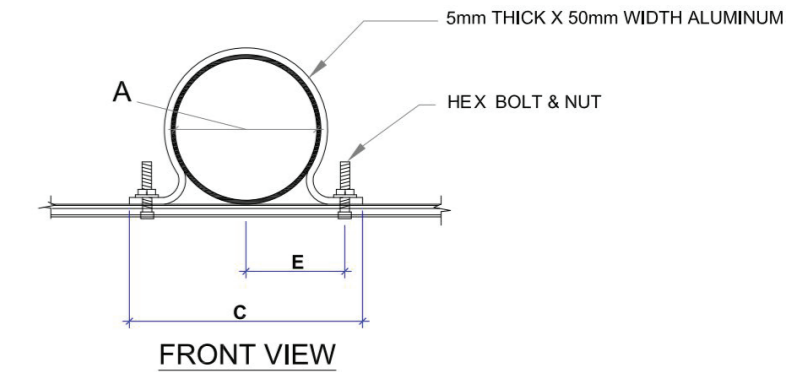
Technical Data & Classification	
Type	SS CLAW
Design Specification	IEC 61914:2009
Temperature for permanent application	*-50°C to +160°C IEC 61914:2009 clause / part 6.2 & Local Standards.
Lateral Load Capability	22kN Perpendicular to the Installation Axis 22kN Horizontal to the Installation Axis, IEC 61914:2009 clause 9.3
Axial Load Capability	2.5kN IEC 61914:2009 clause 9.4,
Impact Resistance	Very Heavy as per IEC 61914:2009 clause 6.3, 6.3.5, 9.2
Material	316L Stainless Steel Strap with Standard Liner
Material Colour	Silver / Grey

Model Code	Diameter Min-Max	W	H
PTE-DC-SS-20	20 - 26	51	31
PTE-DC-SS-25	25 - 31	55	35
PTE-DC-SS-30	30 - 36	60	40
PTE-DC-SS-35	35 - 41	66	46
PTE-DC-SS-40	40 - 46	74	54
PTE-DC-SS-45	45 - 51	80	59
PTE-DC-SS-50	50 - 56	85	64
PTE-DC-SS-55	55 - 61	93	73



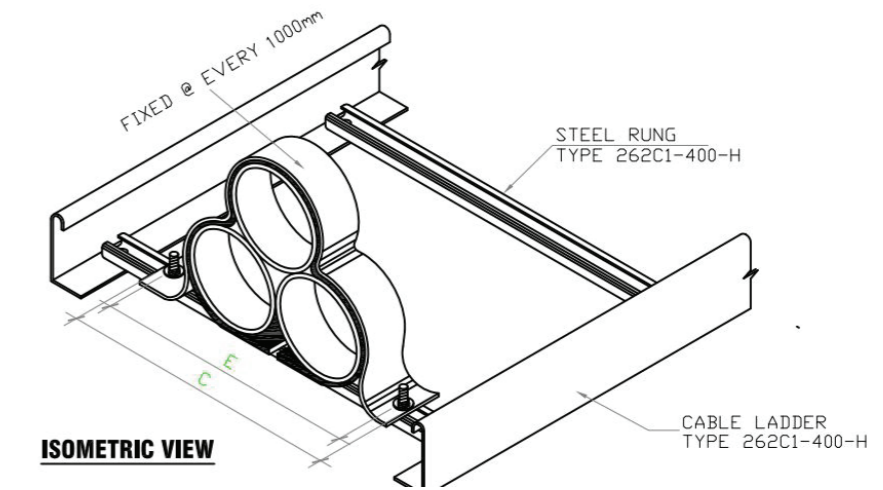
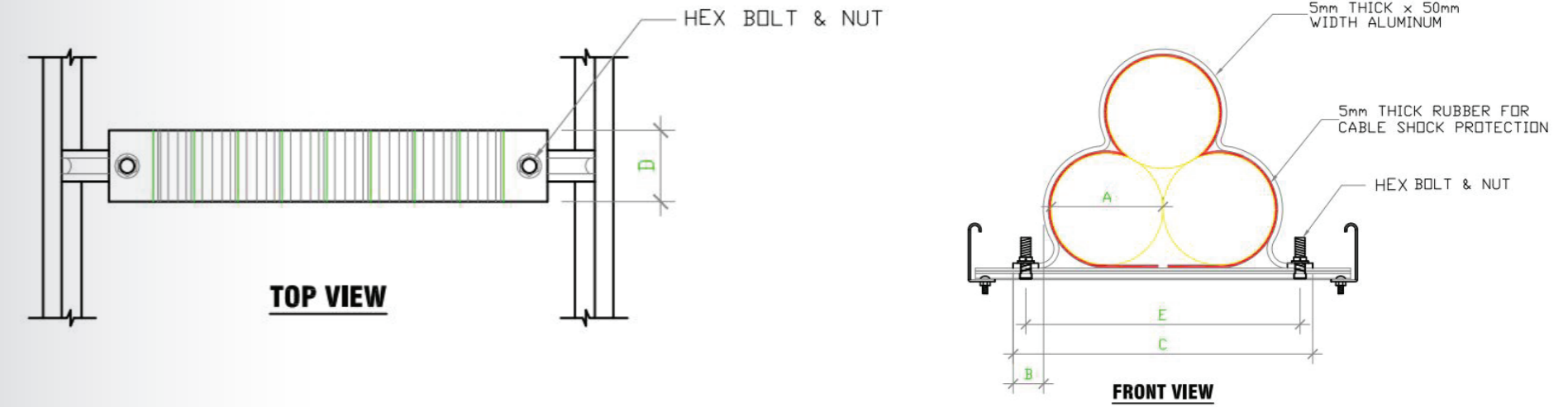
MV/LV Trefoil Al Cable Clamps

Catalogue #	Cable Diameter A (mm)		Dimensions			Stud Size
	Min	Max	C	D	E	
PTE-DC- 25	25	29	129	50	84	M10
PTE-DC- 30	30	34	134	50	88	M10
PTE-DC- 35	35	39	139	50	92	M10
PTE-DC- 40	40	44	144	50	96	M10
PTE-DC- 45	45	49	149	50	100	M10
PTE-DC- 50	50	54	154	50	104	M10
PTE-DC- 55	55	59	159	50	109	M10
PTE-DC- 60	60	64	164	50	114	M10
PTE-DC- 65	65	69	169	50	119	M10
PTE-DC- 70	70	74	174	50	124	M10
PTE-DC- 75	75	79	179	50	129	M10
PTE-DC- 80	80	84	184	50	134	M10
PTE-DC- 85	85	89	189	50	139	M10
PTE-DC- 90	90	94	194	50	144	M10
PTE-DC- 95	95	99	199	50	149	M10
PTE-DC- 100	100	104	204	50	154	M10
PTE-DC- 105	105	109	209	50	159	M10



HV/MV Trefoil SS Cable Clamps

Model No.	Item	cable diameter (A) mm		Dimensions			Stud Size
		Min	Max	C	D	E	
PTE-TC-20	1	20	24	150	30	100	M10
PTE-TC-25	2	25	29	160	30	110	M10
PTE-TC-30	3	30	34	170	30	120	M10
PTE-TC-35	4	35	39	180	30	130	M10
PTE-TC-40	5	40	44	190	30	140	M10
PTE-TC-45	6	45	49	200	30	150	M10
PTE-TC-50	7	50	54	210	40	160	M10
PTE-TC-55	8	55	59	220	40	170	M10
PTE-TC-60	9	60	64	230	40	180	M10
PTE-TC-65	10	65	69	240	40	190	M10
PTE-TC-70	11	70	74	250	40	200	M10
PTE-TC-75	12	75	79	260	40	210	M10
PTE-TC-80	13	80	84	290	50	230	M12
PTE-TC-85	14	85	89	300	50	240	M12
PTE-TC-90	15	90	94	310	50	250	M12
PTE-TC-95	16	95	99	320	50	260	M12
PTE-TC-100	17	100	104	330	50	270	M12
PTE-TC-105	18	105	109	340	50	280	M12
PTE-TC-110	19	110	114	350	50	290	M12
PTE-TC-115	20	115	119	360	50	300	M12
PTE-TC-120	21	120	124	370	50	310	M12
PTE-TC-125	22	125	129	380	50	320	M12
PTE-TC-130	23	130	134	390	50	330	M12
PTE-TC-135	24	140	144	400	50	340	M12



ISOMETRIC VIEW