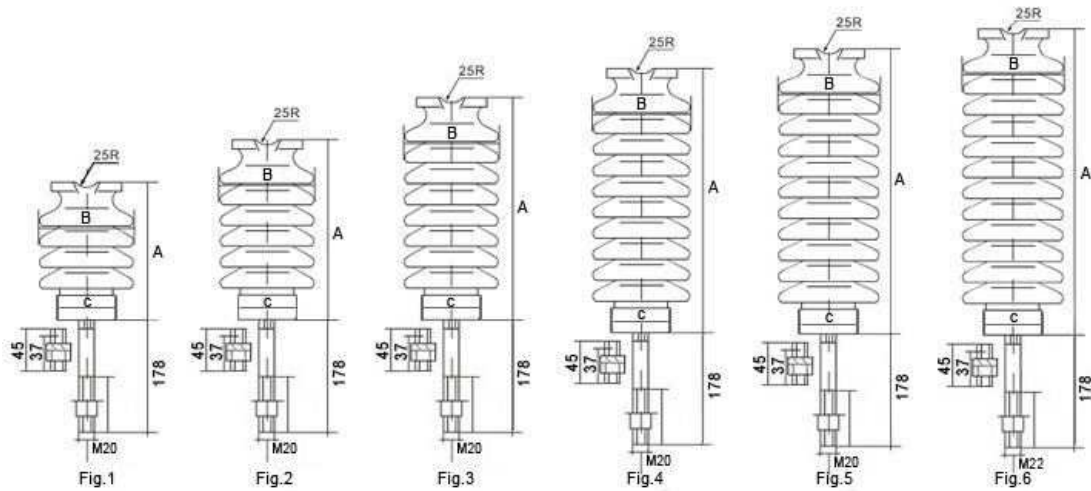




Porcelain Line Post Insulator (Tie Top, Stud Base type)

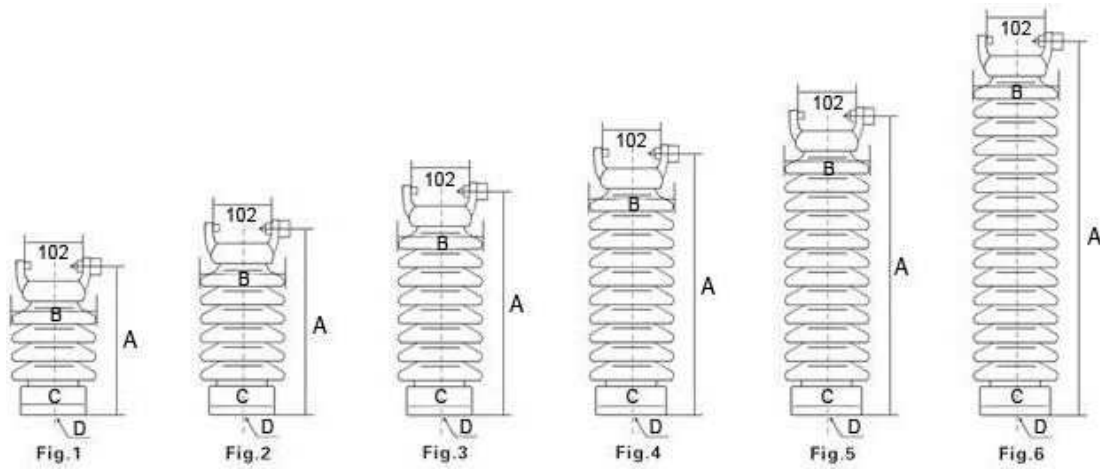


ANSI Class		57-1	57-2	57-3	57-4	57-5	57-6
Figure No.		1	2	3	4	5	6
Designation of Neck		F	F	F	N	N	N
Section Length; A (mm)		222	305	369	432	508	584
Diameter of Shed; B (mm)		146	146	152	178	178	185
Diameter of Base; C (mm)		102	102	114	127	127	140
Thread; D (mm)		M20	M20	M20	M20	M20	M22
Leakage Distance (mm)		356	559	737	1015	1145	1345
Dry Arc Distance (mm)		165	241	311	368	438	489
Cantilever Strength; kN		12.5	12.5	12.5	12.5	12.5	12.5
Low Frequency Flashover Voltage	Dry; kV	80	110	125	150	175	200
	Wet; kV	60	85	100	125	150	170
Critical Impulse Flashover Voltage	Pos; kV	130	180	210	255	290	330
	Neg; kV	155	205	260	340	380	425
Low Frequency Withstand Voltage	Dry; kV	60	90	100	120	140	160
	Wet; kV	45	65	80	100	120	135
Impulse Withstand Voltage; kV		110	150	170	200	235	250
Radio Influence Voltage	Test Voltage Ground kV	15	22	30	44	44	44
	Max. RIV at 1000kHz us	100	100	200	200	200	200
Weight		11	17	22	36	46	51

Brown, Grey and White color is available upon request.



Porcelain Line Post Insulator (Vertical Clamp Top, Stud Base type)



ANSI Class		57-11	57-12	57-13	57-14	57-15	57-16
Figure No.		1	2	3	4	5	6
Section Length; A (mm)		270	349	419	483	549	616
Diameter of Shed; B (mm)		146	152	152	172	172	185
Diameter of Base; C (mm)		102	114	114	127	127	140
Thread; D (mm)		M20	M20	M20	M20	M20	M22
Leakage Distance (mm)		356	559	737	1015	1145	1364
Dry Arc Distance (mm)		165	241	311	368	438	489
Cantilever Strength; kN		12.5	12.5	12.5	12.5	12.5	12.5
Low Frequency Flashover Voltage	Dry; kV	80	110	125	150	175	200
	Wet; kV	60	85	100	125	150	170
Critical Impulse Flashover Voltage	Pos; kV	130	180	210	255	290	330
	Neg; kV	155	205	260	340	380	425
Low Frequency Withstand Voltage	Dry; kV	60	90	100	120	140	160
	Wet; kV	45	65	80	100	120	135
Impulse Withstand Voltage; kV		110	150	170	200	235	250
Radio Influence Voltage	Test Voltage Ground kV	15	22	30	44	44	44
	Max. RIV at 1000kHz us	100	100	200	200	200	200
Weight		6.8	10	11.8	15.9	18.6	22.7

Brown, Grey and White color is available upon request.



Porcelain Line Post Insulator (Horizontal Clamp Top, Stud Base type)

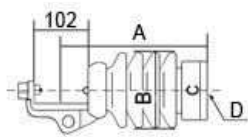


Fig.7

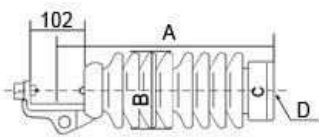


Fig.9

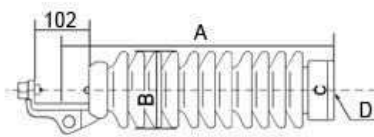


Fig.11

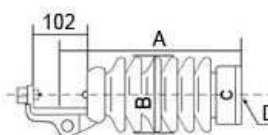


Fig.8

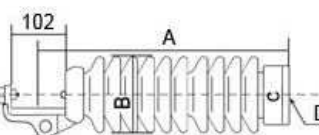


Fig.10

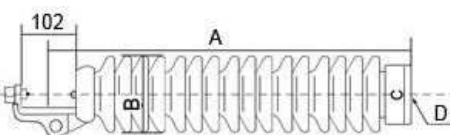


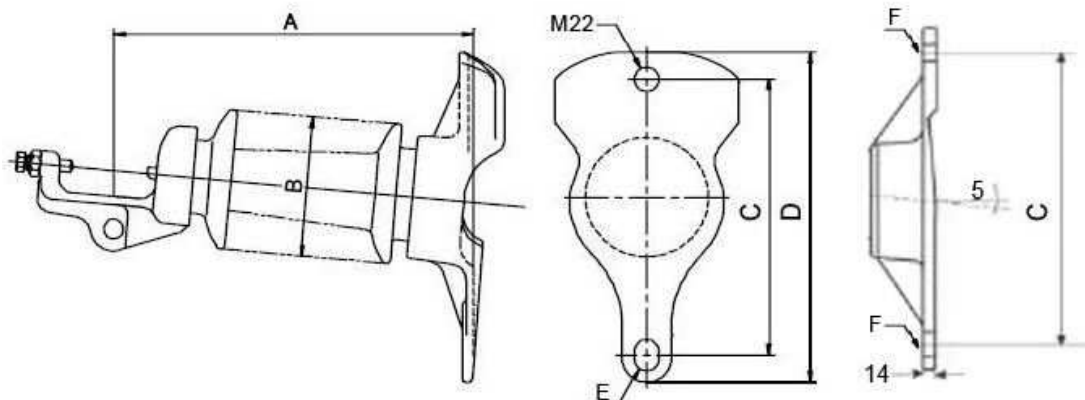
Fig.12

ANSI Class		ANSI-57-21	ANSI-57-22	ANSI-57-23	ANSI-57-24	ANSI-57-25	ANSI-57-26
Figure No.		7	8	9	10	11	12
Section Length; A (mm)		289	368	438	502	568	635
Diameter of Shed; B (mm)		146	152	152	172	172	185
Diameter of Base; C (mm)		102	114	114	127	127	140
Thread; D (mm)		M20	M20	M20	M20	M20	M22
Leakage Distance (mm)		356	559	737	1015	1145	1345
Dry Arc Distance (mm)		165	241	311	368	438	489
Cantilever Strength; kN		12.5	12.5	12.5	12.5	12.5	12.5
Low Frequency Flashover Voltage	Dry; kV	80	110	125	150	175	200
	Wet; kV	70	100	115	135	160	180
Critical Impulse Flashover Voltage	Pos; kV	130	180	210	250	265	300
	Neg; kV	155	205	260	340	380	420
Low Frequency Withstand Voltage	Dry; kV	60	90	100	120	140	160
	Wet; kV	55	80	90	110	130	145
Impulse Withstand Voltage; kV		110	150	170	200	235	250
Radio Influence Voltage	Test Voltage Ground kV	15	22	30	44	44	44
	Max. RIV at 1000kHz us	100	100	200	200	200	200
Weight		7.4	10.2	12.7	16.5	19.2	23.5

Brown, Grey and White color is available upon request.



Porcelain Line Post Insulator (Horizontal Clamp Top, Gain Base type)



ANSI Class	ANSI-57-31	ANSI-57-32	ANSI-57-33	ANSI-57-34	ANSI-57-35	ANSI-57-36
Section Length; A (mm)	298	378	448	502	568	635
Diameter of Shed; B (mm)	146	152	152	172	172	185
Base Hole Distance; C (mm)	254	254	254	254	305	305
Base Length; D (mm)	305	305	305	305	356	356
Slot Hole; E (mm)	22×29	22×29	22×29	22×29	22×29	22×29
Base Hole Diameter; F (mm)	M20	M20	M20	M20	M22	M22
Leakage Distance (mm)	356	559	737	1015	1145	1345
Dry Arc Distance (mm)	165	241	311	368	438	489
Cantilever Strength; kN	12.5	12.5	12.5	12.5	12.5	12.5
Low Frequency Flashover Voltage	Dry; kV	80	110	125	150	200
	Wet; kV	70	100	115	135	180
Critical Impulse Flashover Voltage	Pos; kV	130	180	210	250	330
	Neg; kV	155	205	255	340	420
Low Frequency Withstand Voltage	Dry; kV	60	90	100	120	160
	Wet; kV	55	80	90	110	145
Impulse Withstand Voltage; kV	110	150	170	200	235	250
Radio Influence Voltage	Test Voltage Ground kV	15	22	30	44	44
	Max. RIV at 1000kHz us	100	100	200	200	200
Weight	9.0	11.5	14.5	19.0	24.5	27.5

Brown, Grey and White color is available upon request.

Base types or special custom drawing can be chosen upon request.



Porcelain Line Post Insulator (EP Tie Top Stud Base type)

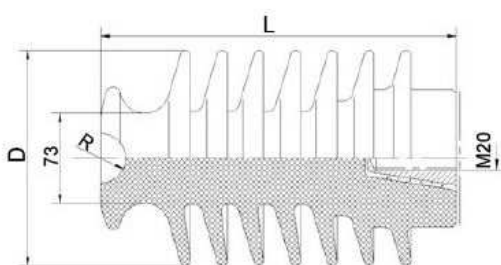


Fig.1

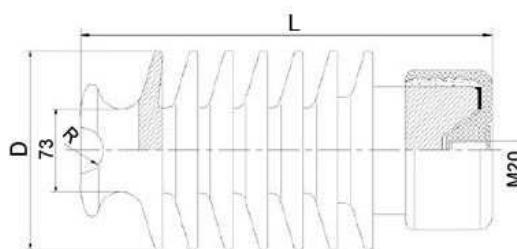


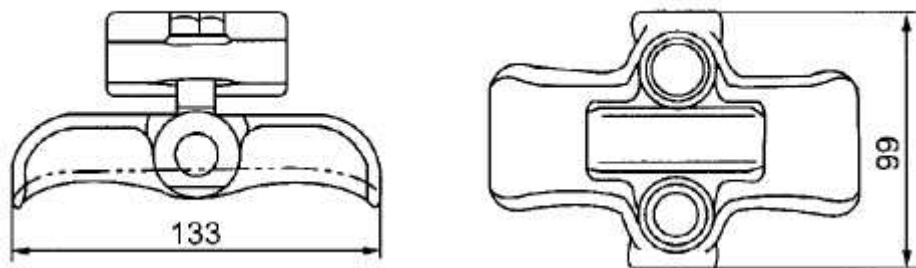
Fig.2

Class	EP472	EP480	E801	EP965	EP1046	EP1088	
Figure No.	1	2	2	1	1	1	
Rated Voltage; kV	22	33	33	22	33	33	
Section Length; L (mm)	306	373	334	322	364	369	
Diameter of Shed; D (mm)	156	170	180	167	180	209	
No. of Sheds	7	7	7	8	10	10	
Top Groove Radius; R(mm)	20	25	20	20	20	20	
Leakage Distance (mm)	630	786	813	750	900	1120	
Dry Arc Distance (mm)	290	320	335	325	389	415	
Cantilever Strength; kN	4	4	10	10	6	4	
Power Frequency Flashover Voltage	Dry; kV	125	125	125	110	160	138
	Wet; kV	85	75	87	85	125	102
Power Frequency Withstand Voltage	Dry; kV	120	130	115	105	145	132
	Wet; kV	75	85	75	70	85	89
Impulse Withstand Voltage; kV	183	205	192	185	230	230	
Critical Impulse Flashover Voltage	Pos; kV	190	210	197	195	235	240
	Neg; kV	365	345	370	345	410	415

Brown, Grey and White color is available upon request.



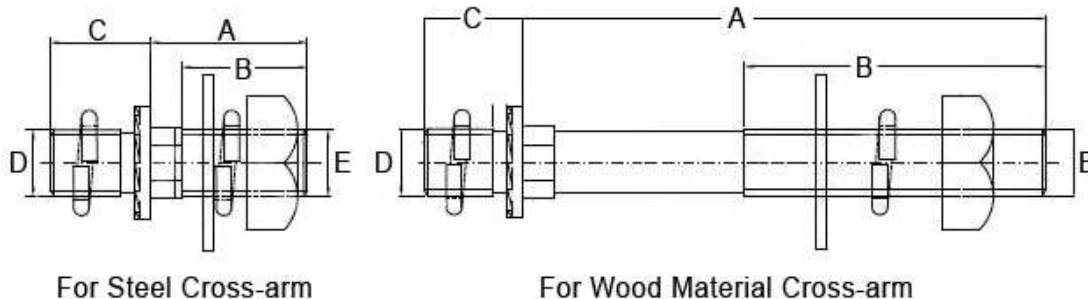
Top Clamp for Horizontal Line Post Insulators



Catalog No.	Malleable Iron Material	57-11A1	57-11B1	57-11C1	57-11D1
	Aluminum Alloy Material	57-11A2	57-11B2	57-11C2	57-11D2
Conductor Diameter (mm)	Minimum	6.35	8.89	12.7	25.4
	Maximum	14.2	21.3	26.9	38.1

The clamp is used as top clamp for horizontal mounting line post insulator, which is made of Aluminum Alloy materials (Malleable Iron material available upon request).

Stud for ANSI Line Post Insulator



Kind of Corss-arm		Steel	Wood	Steel	Wood
Main Dimension (mm)	A	45	178	45	178
	B	37	89	37	89
	C	31	31	31	31
	D	M20	M20	M20	M20
	E	M16	M16	M20	M20

Studs are made of Hot Dip Galvanized Steel.

Note: Custom sizes or drawings with special requirements are available upon request.