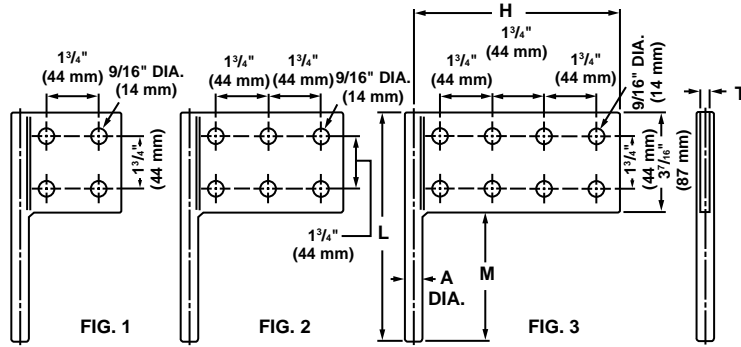


## COPPER TRANSFORMER ADAPTOR TERMINAL • TYPE FT\*



Designed for multiple take-off from the transformer eyebolt secondary connector. Cast from copper and electroplated for use with copper or aluminum connectors.

Catalog Number	Fig. No.	A Stud Diameter	Approximate Dimensions							
			M		H		L		T	
			in	mm	in	mm	in	mm	in	mm
FT-4-037	1	3/8	1 3/4	44	3 5/8	92	5 3/16	132	1/4	6.35
FT-4-056	1	9/16	2	51	3 3/32	79	5 7/16	138	3/8	9.52
FT-4-075	1	3/4	2 1/2	64	3 13/16	97	5 15/16	151	3/8	9.52
FT-4-087	1	7/8	3 3/4	95	3 7/8	98	7 3/16	183	3/8	9.52
FT-4-118	1	1 3/16	4 1/4	108	4 1/16	103	7 11/16	195	3/8	9.52
FT-6-037	2	3/8	1 3/4	44	5 3/8	137	5 3/16	132	1/4	6.35
FT-6-056	2	9/16	2	51	5 15/32	139	5 7/16	138	3/8	9.52
FT-6-075	2	3/4	2 1/2	64	5 9/16	141	5 15/16	151	3/8	9.52
FT-6-087	2	7/8	3 3/4	95	5 5/8	143	7 3/16	183	3/8	9.52
FT-6-118	2	1 3/16	4 1/4	108	5 13/16	148	7 11/16	195	3/8	9.52
FT-8-037	3	3/8	1 3/4	44	7 1/8	181	5 3/16	132	1/4	6.35
FT-8-056	3	9/16	2	51	7 7/32	183	5 7/16	138	3/8	9.52
FT-8-075	3	3/4	2 1/2	64	7 5/16	186	5 15/16	151	3/8	9.52
FT-8-087	3	7/8	3 3/4	95	7 3/8	187	7 3/16	183	3/8	9.52
FT-8-118	3	1 3/16	4 1/4	108	7 9/16	192	7 11/16	195	3/8	9.52

\*We recommend using Penn-Union Cual-Aid, an oxide inhibiting compound with these connectors. When connecting aluminum or ACSR wire, wire brush the conductor with Cual-Aid #11.

## BRONZE GROUND ROD CLAMPS • TYPES CAB & CEB



**UL** US  
467 LISTED  
SUITABLE FOR  
DIRECT BURIAL

**RUS**  
ACCEPTED

Made from corrosion resistant cast aluminum bronze. Furnished with silicon bronze hexagon head bolt. Socket head screws can be furnished by suffixing catalog number with "-S". For example: CAB-4-S.

Type CEB is an economical ground rod clamp made from corrosion resistant cast aluminum bronze. Furnished with silicon bronze hexagon head bolt.

### HEAVY DUTY CLAMP

Catalog Number	Accommodates Rod Size	Conductor Range	Wire Diameter Range†
	in		in
CAB-1M	1/2	10 Sol.-2 Str.	.102-.292
CAB-2M*	5/8	8 Sol.-1/0 Str.	.128-.375
CAB-3M	3/4	8 Sol.-1/0 Str.	.128-.375

### STANDARD CLAMP

Catalog Number	Accommodates Rod Size	Conductor Range	Wire Diameter Range†
	in		in
CAB-0	3/8	14 Sol.-6 Str.	.064-.184
CAB-1	1/2	10 Sol.-2 Str.	.102-.292
CAB-2	5/8	8 Sol.-1/0 Str.	.128-.375
CAB-3	3/4	8 Sol.-1/0 Str.	.128-.375
CAB-4	3/4	4/0 Str.	.528
CAB-5	1	8 Sol.-1/0 Str.	.128-.375
CAB-6	1	4/0 Str.	.528

### ECONOMY CLAMP

Catalog Number	Accommodates Rod Size	Conductor Range	Wire Diameter Range†
	in		in
CEB-1†	1/2	8 Sol.-2 Str.	.128-.292
CEB-2†	5/8	8 Sol.-2 Str.	.128-.292
CEB-3*	3/4	8 Sol.-2 Str.	.128-.292

†For conversion to metric range, see page 175.

†RUS accepted plain and tin plated.

\*RUS accepted tin plated only.

For tin plating, suffix catalog number with "-TN".

\* For 1/2 thread bolt and extra long body use CAB 2ML.

## MILLIMETER/DECIMAL/FRACTION CONVERSION CHART

Milli-meter	Decimal	Fraction (inches)	Milli-meter	Decimal	Fraction (inches)	Milli-meter	Decimal	Fraction (inches)	Milli-meter	Decimal	Fraction (inches)	Milli-meter	Decimal	Fraction (inches)
0.1	.0039		5.159	.2031	13/64	10.2	.4016		15.3	.6024		20.3	.7992	
0.2	.0079		5.2	.2047		10.3	.4055		15.4	.6063		20.4	.8031	
0.3	.0118		5.3	.2087		10.319	.4063	13/32	15.478	.6094	39/64	20.5	.8071	
0.397	.0156	1/64	5.4	.2126		10.4	.4094		15.5	.6102		20.6	.8110	
0.4	.0157		5.5	.2165		10.5	.4134		15.6	.6142		20.638	.8125	13/16
0.5	.0197		5.556	.2188	7/32	10.6	.4173		15.7	.6181		20.7	.8150	
0.6	.0236		5.6	.2205		10.7	.4213		15.8	.6220		20.8	.8189	
0.7	.0276		5.7	.2244		10.716	.4219	27/64	15.875	.6250	5/8	20.9	.8228	
0.794	.0313	1/32	5.8	.2283		10.8	.4252		15.9	.6260		21.0	.8268	
0.8	.0315		5.9	.2323		10.9	.4291		16.0	.6299		21.034	.8281	53/64
0.9	.0354		5.953	.2344	15/64	11.0	.4331		16.1	.6339		21.1	.8307	
1.0	.0394		6.0	.2362		11.1	.4370		16.2	.6378		21.2	.8346	
1.1	.0433		6.1	.2402		11.113	.4375	7/16	16.272	.6406	41/64	21.3	.8386	
1.191	.0469	3/64	6.2	.2441		11.2	.4409		16.3	.6417		21.4	.8425	
1.2	.0472		6.3	.2480		11.3	.4449		16.4	.6457		21.431	.8438	27/32
1.3	.0512		6.350	.2500	1/4	11.4	.4488		16.5	.6496		21.5	.8465	
1.4	.0551		6.4	.2520		11.5	.4528		16.6	.6535		21.6	.8504	
1.5	.0591		6.5	.2559		11.509	.4531	29/64	16.669	.6563	21/32	21.7	.8543	
1.588	.0625	1/16	6.6	.2598		11.6	.4567		16.7	.6575		21.8	.8583	
1.6	.0630		6.7	.2638		11.7	.4606		16.8	.6614		21.828	.8594	55/64
1.7	.0669		6.747	.2656	17/64	11.8	.4646		16.9	.6654		21.9	.8622	
1.8	.0709		6.8	.2677		11.9	.4685		17.0	.6693		22.0	.8661	
1.9	.0748		6.9	.2717		11.906	.4688	15/32	17.066	.6719	43/64	22.1	.8701	
1.984	.0781	5/64	7.0	.2756		12.0	.4724		17.1	.6732		22.2	.8740	
2.0	.0787		7.1	.2795		12.1	.4764		17.2	.6772		22.225	.8750	7/8
2.1	.0827		7.144	.2813	9/32	12.2	.4803		17.3	.6811		22.3	.8780	
2.2	.0866		7.2	.2835		12.3	.4843		17.4	.6850		22.4	.8819	
2.3	.0906		7.3	.2874		12.303	.4844	31/64	17.463	.6875	11/16	22.5	.8858	
2.381	.0938	3/32	7.4	.2913		12.4	.4882		17.5	.6890		22.6	.8898	
2.4	.0945		7.5	.2953		12.5	.4921		17.6	.6929		22.622	.8906	57/64
2.5	.0984		7.541	.2969	19/64	12.6	.4961		17.7	.6968		22.7	.8937	
2.6	.1024		7.6	.2992		12.7	.5000	1/2	17.8	.7008		22.8	.8976	
2.7	.1063		7.7	.3031		12.8	.5039		17.859	.7031	45/64	22.9	.9016	
2.778	.1094	7/64	7.8	.3071		12.9	.5079		17.9	.7047		23.0	.9055	
2.8	.1102		7.9	.3110		13.0	.5118		18.0	.7087		23.019	.9063	29/32
2.9	.1142		7.938	.3125	5/16	13.097	.5156	33/64	18.1	.7126		23.1	.9094	
3.0	.1181		8.0	.3150		13.1	.5197		18.2	.7165		23.2	.9134	
3.1	.1220		8.1	.3189		13.2	.5197		18.256	.7188	23/32	23.3	.9173	
3.175	.1250	1/8	8.2	.3228		13.3	.5236		18.3	.7205		23.4	.9213	
3.2	.1260		8.3	.3268		13.4	.5276		18.4	.7244		23.416	.9219	59/64
3.3	.1299		8.334	.3281	21/64	13.494	.5313	17/32	18.5	.7283		23.5	.9252	
3.4	.1339		8.4	.3307		13.5	.5315		18.6	.7323		23.6	.9291	
3.5	.1378		8.5	.3346		13.6	.5354		18.653	.7344	47/64	23.7	.9331	
3.572	.1406	9/64	8.6	.3386		13.7	.5394		18.7	.7362		23.8	.9370	
3.6	.1417		8.7	.3425		13.8	.5433		18.8	.7402		23.813	.9375	15/16
3.7	.1457		8.731	.3438	11/32	13.891	.5469	35/64	18.9	.7441		23.9	.9409	
3.8	.1496		8.8	.3465		13.9	.5472		19.0	.7480		24.0	.9449	
3.9	.1535		8.9	.3504		14.0	.5512		19.050	.7500	3/4	24.1	.9488	
3.969	.1563	5/32	9.0	.3543		14.1	.5551		19.1	.7520		24.2	.9528	
4.0	.1575		9.1	.3583		14.2	.5591		19.2	.7559		24.209	.9531	61/64
4.1	.1614		9.128	.3594	23/64	14.288	.5625	9/16	19.3	.7598		24.3	.9567	
4.2	.1654		9.2	.3622		14.3	.5630		19.4	.7638		24.4	.9606	
4.3	.1693		9.3	.3661		14.4	.5669		19.447	.7656	49/64	24.5	.9646	
4.366	.1719	11/64	9.4	.3701		14.5	.5709		19.5	.7677		24.6	.9685	
4.4	.1732		9.5	.3740		14.6	.5748		19.6	.7717		24.606	.9688	31/32
4.5	.1772		9.525	.3750	3/8	14.684	.5781	37/64	19.7	.7756		24.7	.9724	
4.6	.1811		9.6	.3780		14.7	.5787		19.8	.7795		24.8	.9764	
4.7	.1850		9.7	.3819		14.8	.5827		19.844	.7813	25/32	24.9	.9803	
4.763	.1875	3/16	9.8	.3858		14.9	.5866		19.9	.7835		25.0	.9843	
4.8	.1890		9.9	.3898		15.0	.5906		20.0	.7874		25.003	.9844	63/64
4.9	.1929		9.922	.3906	25/64	15.081	.5938	19/32	20.1	.7913		25.1	.9882	
5.0	.1969		10.0	.3937		15.1	.5945		20.2	.7953		25.2	.9921	
5.1	.2008		10.1	.3976		15.2	.5984		20.241	.7969	51/64	25.3	.9961	
												25.400	1.0000	1

NOTE: Penn-Union manufactures its products only to commercial standards and sells its products only under commercial terms & conditions.