
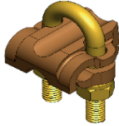
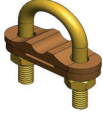

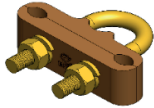
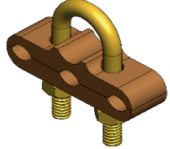
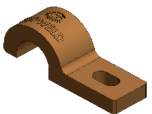
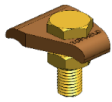
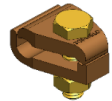
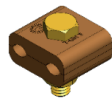

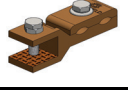
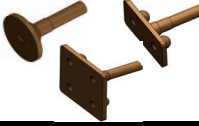



## GROUNDING SYSTEM & LIGHTNING PROTECTION

Figure	Cat No.	Description	Price
	<b>Rod to Cable Clamp</b>		
	T-GRC-5850	Rod dia. 5/8" (14.2 mm.), Cable size 16 - 50 sq.mm.	<b>220.00</b>
	T-GRC-58120	Rod dia. 5/8" (14.2 mm.), Cable size 70 - 120 sq.mm.	<b>230.00</b>
	T-GRC-3450	Rod dia. 3/4" (17.2 mm.), Cable size 16 - 50 sq.mm.	<b>260.00</b>
	<b>Rod Parallel to Cable Clamp</b>		
	T-GRP-172-50	Ground Rod dia. 5/8" (14.2 mm.), 3/4" (17.2 mm.), and Cable size 16 - 50 sq.mm.	<b>750.00</b>
	T-GRP-172-120	Rod dia. 5/8" (14.2 mm.), 3/4" (17.2 mm.), and Cable size 70 - 120 sq.mm.	<b>900.00</b>
	<b>U Bolt Rod or Pipe To Tape Clamp</b>		
	T-GUT 172-254	Ground Rod dia. 5/8" (14.2 mm.), 3/4" (17.2 mm.) and Max. Tape size 25 x 4 mm.	<b>600.00</b>
	<b>Ground Clamp Connectors For Cable Connection To Rod Or Pipe</b>		
	T-GCRP1-50	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 16 - 50 sq.mm.	<b>750.00</b>
	T-GCRP1-120	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 70 - 120 sq.mm.	<b>800.00</b>
	T-GCRP1-300	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 150 - 300 sq.mm.	<b>850.00</b>
	T-GCRP1-231-50	Ground Rod dia. 1" (23.1 mm.) and Cable size 16-50 sq.mm.	<b>1,000.00</b>
	T-GCRP1-231-120	Ground Rod dia. 1"(23.1 mm.) and Cable size 70-120 sq.mm.	<b>1,050.00</b>
	T-GCRP1-1-120	Pipe dia. 1" ( 33.4 mm.), 1 1/2' ( 48.3 mm.) and Cable size 70 - 120 sq.mm.	<b>1,150.00</b>
	<b>Ground Clamp Connectors For Two Cable Connection To Rod Or Pipe</b>		
	T-GCRP2-50	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 16 - 50 sq.mm.	<b>800.00</b>
	T-GCRP2-120	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 70 - 120 sq.mm.	<b>850.00</b>
	T-GCRP2-300	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 150 - 300 sq.mm.	<b>900.00</b>
	T-GCRP2-231-50	Ground Rod dia. 1" (23.1 mm.) and Cable size 16-50 sq.mm.	<b>1,200.00</b>
	T-GCRP2-231-120	Ground Rod dia. 1"(23.1 mm.) and Cable size 70-120 sq.mm.	<b>1,250.00</b>
	T-GCRP2-1-120	Pipe dia. 1" ( 33.4 mm.), 1 1/2' ( 48.3 mm.) and Cable size 70 - 120 sq.mm.	<b>1,500.00</b>
	T-GCRP2-1-300	Pipe dia. 1" ( 33.4 mm.), 1 1/2' ( 48.3 mm.) and Cable size 150 - 300 sq.mm.	<b>1,550.00</b>
	<b>Ground Clamp Connectors For Three Cable Connection To Rod Or Pipe</b>		
	T-GCRP3-50	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 16 - 50 sq.mm.	<b>1,000.00</b>
	T-GCRP3-120	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 70 - 120 sq.mm.	<b>1,050.00</b>
	T-GCRP3-300	Ground Rod dia. 5/8"(14.2 mm.), 3/4" (17.2 mm.) and Cable size 150 - 300 sq.mm.	<b>1,150.00</b>
	T-GCRP3-231-50	Ground Rod dia. 1" (23.1 mm.) and Cable size 16-50 sq.mm.	<b>1,300.00</b>
	T-GCRP3-231-120	Ground Rod dia. 1"(23.1 mm.) and Cable size 70-120 sq.mm.	<b>1,350.00</b>
	T-GCRP3-1-120	Pipe dia. 1" ( 33.4 mm.), 1 1/2' ( 48.3 mm.) and Cable size 70 - 120 sq.mm.	<b>1,600.00</b>
	T-GCRP3-1-300	Pipe dia. 1" ( 33.4 mm.), 1 1/2' ( 48.3 mm.) and Cable size 150 - 300 sq.mm.	<b>1,700.00</b>

**GROUNDING SYSTEM & LIGHTNING PROTECTION**

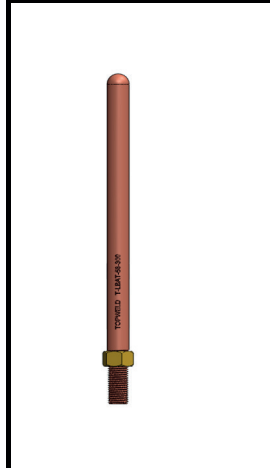
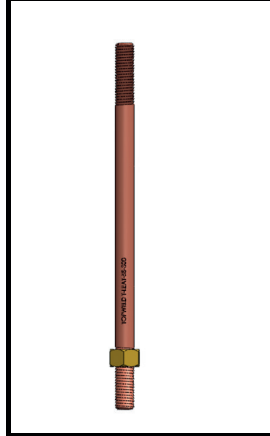
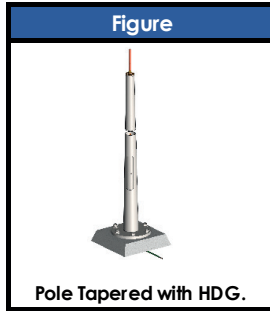
Figure	Cat No.	Description	Price
	<b>One Hole Cable Grip</b>		
	T-GOCG 35	Cable size 25 - 35 sq.mm.	45.00
	T-GOCG 70	Cable size 50 - 70 sq.mm.	50.00
	T-GOCG 120	Cable size 95 - 120 sq.mm.	65.00
	T-GOCG 185	Cable size 150 - 185 sq.mm.	220.00
	T-GOCG 300	Cable size 240 - 300 sq.mm.	280.00
	<b>Ground Clamp</b>		
	T-GC 50-70	Cable size 50 - 70 sq.mm.	60.00
	T-GC 95-120	Cable size 95 - 120 sq.mm.	65.00
	T-GC 150-185	Cable size 150 - 185 sq.mm.	280.00
	T-GC 240-300	Cable size 240 - 300 sq.mm.	360.00
	<b>Ground Clamp Bonding For Cable To Flat Surface</b>		
	T-GMS 2	Cable size 25 - 50 sq.mm.	330.00
	T-GMS 3	Cable size 70 - 120 sq.mm.	460.00
	T-GMS 4	Cable size 150 - 240 sq.mm.	700.00
	<b>Ground Clamp Bonding For Cable To Flat Surface</b>		
	T-GM 2	Cable size 25 - 50 sq.mm.	460.00
	T-GM 3	Cable size 70 - 120 sq.mm.	600.00
	T-GM 4	Cable size 150 - 240 sq.mm.	900.00
	<b>Ground Clamp Bonding For Two Cable to Flat Surface</b>		
	T-GHS 2	Cable size 25 - 50 sq.mm.	420.00
	T-GHS 3	Cable size 70 - 120 sq.mm.	560.00
	T-GHS 4	Cable size 150 - 240 sq.mm.	800.00
	<b>Ground Clamp Bonding For Two Cable to Flat Surface</b>		
	T-GH 2	Cable size 25 - 50 sq.mm.	560.00
	T-GH 3	Cable size 70 - 120 sq.mm.	840.00
	T-GH 4	Cable size 150 - 240 sq.mm.	1,100.00
	<b>Earth Boss</b>		
	T-GEB	Stainless Earth Boss dia. 50 mm., Length 45 mm.	740.00
	<b>Beam Clamp</b>		
	T-GBC 35-120	Cable size 35 - 120 sq.mm.	900.00
	<b>Earth Point</b>		
	T-GEP1	Earth Point 1 Hole	500.00
	T-GEP2	Earth Point 2 Holes	800.00
	T-GEP4	Earth Point 4 Holes	1,000.00
	<b>Earth Point Tail Type</b>		
	T-GEPT1-70-500	1 Hole, Cable size 70 sq.mm. and Cable Length 500 mm.	On Request
	T-GEPT2-70-500	2 Holes, Cable size 70 sq.mm. and Cable Length 500 mm.	On Request
	T-GEPT2-70-1000	2 Holes, Cable size 70 sq.mm. and Cable Length 1000 mm.	On Request
	T-GEPT4-70-500	4 Holes, Cable size 70 sq.mm. and Cable Length 500 mm.	On Request
	T-GEPT4-70-1000	4 Holes, Cable size 70 sq.mm. and Cable Length 1000 mm.	On Request
	* Other size is also available upon request		
	<b>Conductor to Rebar Clamp</b>		
	T-GCTRC	Cable Size 16-70 sq.mm., DB 8-18 mm.	820.00



## GROUNDING SYSTEM & LIGHTNING PROTECTION

Figure	Cat No.	Description	Price
	<b>PVC Test Box</b>		
	T-GPVCTB	PVC Test Box size L.200 x W.150 x H.100 mm.	1,800.00
	<b>Aluminium Test Box</b>		
	T-GATB	Aluminium Test Box size L.260 x W.163 x H.77 mm.	2,300.00
	<b>Concrete Inspection Pit</b>		
	T-GCIPB	Concrete Pit size L.330 x W.330 x H.254 mm.	1,500.00
		* Other size is also available upon request	
	<b>Ground Bar Pit (with fin)</b>		
	T-GBP-5	Bar Pit Size L.315 x W.50.8 x T.6.35 mm. Ø Hole M10 , 5 Hole	900.00
	T-GBP-7	Bar Pit Size L.315 x W.50.8 x T.6.35 mm. Ø Hole M10 , 7 Hole	900.00
	<b>Disconnecting Link</b>		
	T-GDL-253	Disconnecting Link size L.200 X W.50 X H.90 mm.	1,000.00
	<b>Ground Bar</b>		
	T-GB-6	Dimension L.355.6 X W.50.8 X H.71.75 mm., No. of Hole 6	3,500.00
	T-GB-8	Dimension L.455 X W.50.8 X H.71.75 mm., No. of Hole 8	3,900.00
	T-GB-12	Dimension L.660 X W.50.8 X H.71.75 mm., No. of Hole 12	4,950.00
	<b>Ground Bar</b>		
	T-GB-6D	Dimension L.355.6 X W.101.6 X H.74.9 mm., No. of Hole 12	5,900.00
	T-GB-8D	Dimension L.457 X W.101.6 X H.74.9 mm., No. of Hole 16	6,900.00
	T-GB-12D	Dimension L.760 X W.101.6 X H.74.9 mm., No. of Hole 24	12,000.00
	<b>Power Ground Station</b>		
	T-GSPS-6	Dimension Bar 50.8 x 350 x 6.35 mm., No. of Hole 6	1,300.00
	T-GSPS-8	Dimension Bar 50.8 x 440 x 6.35 mm., No. of Hole 8	1,850.00
	T-GSPS-12	Dimension Bar 50.8 x 610 x 6.35 mm., No. of Hole 12	2,300.00
	T-GSPS-6D	Dimension Bar 101.6 x 350 x 6.35 mm., No. of Hole 12	2,550.00
	T-GSPS-8D	Dimension Bar 101.6 x 440 x 6.35 mm., No. of Hole 16	3,350.00
	T-GSPS-12D	Dimension Bar 101.6 x 610 x 6.35 mm., No. of Hole 24	4,200.00
	<b>Communication Ground Station</b>		
	T-GSCS-200	Dimension Bar 101.6 x 200 x 6.35 mm., No. of Hole 6	1,400.00
	T-GSCS-300	Dimension Bar 101.6 x 300 x 6.35 mm., No. of Hole 11	2,200.00
	T-GSCS-400	Dimension Bar 101.6 x 400 x 6.35 mm., No. of Hole 15	2,900.00
	T-GSCS-450	Dimension Bar 101.6 x 450 x 6.35 mm., No. of Hole 18	3,000.00
	T-GSCS-600	Dimension Bar 101.6 x 600 x 6.35 mm., No. of Hole 24	4,250.00
	<b>Tin Plated Copper Flexible Braid Bond ( 1 Hole )</b>		
	T-LFB 1-35300	Cross Section 35 sq.mm., Length 300 mm., Amp Rating 200 A	900.00
	T-LFB 1-50300	Cross Section 50 sq.mm., Length 300 mm., Amp Rating 250 A	1,100.00
		* Other size is also available upon request	
	<b>Tin Plated Copper Flexible Braid Bond ( 2 Hole )</b>		
	T-LFB2-150386	Cross Section 150 sq.mm., Length 386 x Width.31.8 mm. , 3 Layer,	4,000.00
		Cross Section 150 sq.mm., Amp Rating 700 A	

**GROUNDING SYSTEM & LIGHTNING PROTECTION**



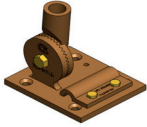
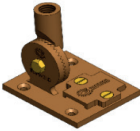

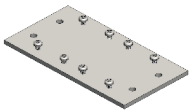

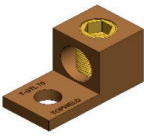
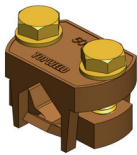
Cat No.	Description	Price
<b>Lightning Pole ( Pole Tapered with HDG. )</b>		
T-LPT-3000-70	Height 3 M. with copper conductor 70 sq.mm.	On Request
T-LPT-6000-70	Height 6 M. with copper conductor 70 sq.mm.	On Request
T-LPT-9000-70	Height 9 M. with copper conductor 70 sq.mm.	On Request
T-LPT-12000-70	Height 12 M. with copper conductor 70 sq.mm.	On Request
T-LPT-15000-70	Height 15 M. with copper conductor 70 sq.mm.	On Request
	* Other size is also available upon request	
<b>Lightning Pole ( Straight Pipe with HDG. )</b>		
T-LPS-2000-70	Height 2 M. with copper conductor 70 sq.mm.	On Request
T-LPS-3000-70	Height 3 M. with copper conductor 70 sq.mm.	On Request
T-LPS-5000-70	Height 5 M. with copper conductor 70 sq.mm.	On Request
T-LPS-6000-70	Height 6 M. with copper conductor 70 sq.mm.	On Request
T-LPS-9000-70	Height 9 M. with copper conductor 70 sq.mm.	On Request
T-LPS-12000-70	Height 12 M. with copper conductor 70 sq.mm.	On Request
T-LPS-15000-70	Height 15 M. with copper conductor 70 sq.mm.	On Request
	* Other size is also available upon request	
<b>Multi Point Air Terminal</b>		
T-LMPAT 58	Multi Point dia. 5/8"	630.00
T-LMPAT 34	Multi Point dia. 3/4"	630.00
<b>Elevation Air Terminal</b>		
T-LEAT-58-300	Air Terminal dia. 15 mm. (5/8"), Length 300 mm.	560.00
T-LEAT-58-500	Air Terminal dia. 15 mm. (5/8"), Length 500 mm.	860.00
T-LEAT-58-600	Air Terminal dia. 15 mm. (5/8"), Length 600 mm.	1,030.00
T-LEAT-58-1000	Air Terminal dia. 15 mm. (5/8"), Length 1,000 mm.	1,650.00
T-LEAT-58-1500	Air Terminal dia. 15 mm. (5/8"), Length 1,500 mm.	2,340.00
T-LEAT-58-2000	Air Terminal dia. 15 mm. (5/8"), Length 2,000 mm.	3,290.00
T-LEAT-34-300	Air Terminal dia. 19 mm. (3/4"), Length 300 mm.	800.00
T-LEAT-34-500	Air Terminal dia. 19 mm. (3/4"), Length 500 mm.	1,230.00
T-LEAT-34-600	Air Terminal dia. 19 mm. (3/4"), Length 600 mm.	1,500.00
T-LEAT-34-1000	Air Terminal dia. 19 mm. (3/4"), Length 1,000 mm.	2,370.00
T-LEAT-34-1500	Air Terminal dia. 19 mm. (3/4"), Length 1,500 mm.	3,270.00
T-LEAT-34-2000	Air Terminal dia. 19 mm. (3/4"), Length 2,000 mm.	4,420.00
<b>Air Terminal ( Copper )</b>		
T-LBAT-58-300	Air Terminal dia. 15 mm. (5/8"), Length 300 mm.	560.00
T-LBAT-58-500	Air Terminal dia. 15 mm. (5/8"), Length 500 mm.	860.00
T-LBAT-58-600	Air Terminal dia. 15 mm. (5/8"), Length 600 mm.	1,030.00
T-LBAT-58-1000	Air Terminal dia. 15 mm. (5/8"), Length 1,000 mm.	1,650.00
T-LBAT-58-1500	Air Terminal dia. 15 mm. (5/8"), Length 1,500 mm.	2,340.00
T-LBAT-58-2000	Air Terminal dia. 15 mm. (5/8"), Length 2,000 mm.	3,290.00
T-LBAT-34-300	Air Terminal dia. 19 mm. (3/4"), Length 300 mm.	800.00
T-LBAT-34-500	Air Terminal dia. 19 mm. (3/4"), Length 500 mm.	1,230.00
T-LBAT-34-600	Air Terminal dia. 19 mm. (3/4"), Length 600 mm.	1,500.00
T-LBAT-34-1000	Air Terminal dia. 19 mm. (3/4"), Length 1,000 mm.	2,370.00
T-LBAT-34-1500	Air Terminal dia. 19 mm. (3/4"), Length 1,500 mm.	3,270.00
T-LBAT-34-2000	Air Terminal dia. 19 mm. (3/4"), Length 2,000 mm.	4,420.00



## GROUNDING SYSTEM & LIGHTNING PROTECTION

Figure	Cat No.	Description	Price
	<b>Air Terminal ( Aluminium )</b>		
	T-LBAT-58-300A	Air Terminal dia. 15 mm. (5/8"), Length 300 mm.	410.00
	T-LBAT-58-500A	Air Terminal dia. 15 mm. (5/8"), Length 500 mm.	630.00
	T-LBAT-58-600A	Air Terminal dia. 15 mm. (5/8"), Length 600 mm.	750.00
	T-LBAT-58-1000A	Air Terminal dia. 15 mm. (5/8"), Length 1,000 mm.	1,220.00
	T-LBAT-58-1500A	Air Terminal dia. 15 mm. (5/8"), Length 1,500 mm.	1,710.00
	T-LBAT-58-2000A	Air Terminal dia. 15 mm. (5/8"), Length 2,000 mm.	2,430.00
	T-LBAT-34-300A	Air Terminal dia. 19 mm. (3/4"), Length 300 mm.	580.00
	T-LBAT-34-500A	Air Terminal dia. 19 mm. (3/4"), Length 500 mm.	900.00
	T-LBAT-34-600A	Air Terminal dia. 19 mm. (3/4"), Length 600 mm.	1,100.00
	T-LBAT-34-1000A	Air Terminal dia. 19 mm. (3/4"), Length 1,000 mm.	1,740.00
	T-LBAT-34-1500A	Air Terminal dia. 19 mm. (3/4"), Length 1,500 mm.	2,400.00
	T-LBAT-34-2000A	Air Terminal dia. 19 mm. (3/4"), Length 2,000 mm.	3,230.00
	<b>Adjustable Saddle Aluminum For Tape</b>		
	T-LAST 58-253A	Thread size 15 mm. (5/8"), Aluminum Tape size 25 x 3 mm.	810.00
	T-LAST 58-254A	Thread size 15 mm. (5/8"), Aluminum Tape size 25 x 4 mm.	820.00
T-LAST 34-254A	Thread size 19 mm. (3/4"), Aluminium Tape size 25 x 4 mm.	840.00	
	<b>Aluminum For Cable</b>		
	T-LASC 58A	Thread size 15 mm. (5/8"), Cable size 50 - 70 sq.mm.	800.00
	<b>Tape Saddle Aluminum</b>		
	T-LTS 58A	Thread size 15 mm. (5/8"), Aluminum Tape size 25 x 4 mm.	480.00
	T-LTS 34A	Thread size 19 mm. (3/4"), Aluminium Tape size 25 x 4 mm.	500.00
	<b>Tape Saddle</b>		
	T-LTS 58	Thread size 15 mm. (5/8"), Copper Tape size 25 x 3 mm.	570.00
T-LTS 34	Thread size 19 mm. (3/4"), Copper Tape size 25 x 3 mm.	590.00	
	<b>Flat Saddle</b>		
	T-LFS-58	Thread size 15 mm. (5/8"), Tape 25x3 mm., Cable 25-120 sq.mm.	680.00
T-LFS-34	Thread size 19 mm. (3/4"), Tape 25x3 mm., Cable 25-120 sq.mm.	700.00	
	<b>Ridge Saddle</b>		
	T-LRDS-58	Thread size 15 mm. (5/8"), Tape 25x3 mm., Cable 25-120 sq.mm.	870.00
T-LRDS-34	Thread size 19 mm. (3/4"), Tape 25x3 mm., Cable 25-120 sq.mm.	890.00	
	<b>Round Saddle</b>		
	T-LRS 58-70	Thread size 15 mm. (5/8"), Cable size 50 - 70 sq.mm.	830.00
	T-LRS 58-120	Thread size 15 mm. (5/8"), Cable size 95 - 120 sq.mm.	880.00
	T-LRS 34-70	Thread size 19 mm. (3/4"), Cable size 50 - 70 sq.mm.	860.00
T-LRS 34-120	Thread size 19 mm. (3/4"), Cable size 95 - 120 sq.mm.	900.00	
	<b>Floor Saddle</b>		
	T-LFRS 58	Thread size 15 mm. (5/8"), Cable size 50 - 120 sq.mm.	750.00
T-LFRS 34	Thread size 19 mm. (3/4"), Cable size 50 - 120 sq.mm.	780.00	
	<b>Cross Cable Saddle</b>		
	T-LCCS 58	Thread size 15 mm. (5/8"), Cable size 50 - 120 sq.mm.	850.00
T-LCCS 34	Thread size 19 mm. (3/4"), Cable size 50 - 120 sq.mm.	890.00	

**GROUNDING SYSTEM & LIGHTNING PROTECTION**

Figure	Cat No.	Description	Price
	<b>Adjustable Saddle</b>		
	<b>For Cable</b>		
	T-LASC 58	Thread size 15 mm. (5/8"), Cable size 50 - 70 sq.mm.	1,000.00
	T-LASC 58-120	Thread size 15 mm. (5/8"), Cable size 95 - 120 sq.mm.	1,100.00
	T-LASC 34	Thread size 19 mm. (3/4"), Cable size 50 - 70 sq.mm.	1,250.00
T-LASC 34-120	Thread size 19 mm. (3/4"), Cable size 95 - 120 sq.mm.	1,320.00	
	<b>For Tape</b>		
	T-LAST 58-253	Thread size 15 mm. (5/8"), Copper Tape size 25 x 3 mm.	1,100.00
	T-LAST 34-253	Thread size 19 mm. (3/4"), Copper Tape size 25 x 3 mm.	1,150.00
	<b>Wall Saddle</b>		
	T-LWS 58	Thread size 15 mm. (5/8"), Cable size 50 - 120 sq.mm.	750.00
T-LWS 34	Thread size 19 mm. (3/4"), Cable size 50 - 120 sq.mm.	780.00	
	<b>Steel Plate For Saddle</b>		
	T-LSPS-BS525	Steel Plate with Stainless Steel Bolt JP size M5x25 mm. For Saddle	740.00
	<b>Stainless Steel Bolt For Support</b>		
	T-BS26	Stainless Steel Bolt Taper Head size 1/4" x 3/4"	10.00
	T-BS525	Stainless Steel Bolt JP size M5x25 mm.	4.00
	T-BS5	Stainless Steel Flange Nut	8.00
	<b>Terminal Lug, Socket Type</b>		
	T-GTL 35	Cable size 16 - 35 sq.mm.	90.00
	T-GTL 70	Cable size 50 - 70 sq.mm.	110.00
	T-GTL 120	Cable size 95 - 120 sq.mm.	250.00
	T-GTL 185	Cable size 150 - 185 sq.mm.	320.00
	T-GTL 300	Cable size 240 - 300 sq.mm.	400.00
	<b>Clamp Connector Screw Type</b>		
	T-GCST 35	Cable run size 16 - 35 sq.mm., and Tap 6 - 35 sq.mm.	70.00
	T-GCST 70	Cable run size 50 - 70 sq.mm., and Tap 6 - 70 sq.mm.	100.00
	T-GCST 120	Cable run size 95 - 120 sq.mm., and Tap 6 - 120 sq.mm.	150.00
	T-GCST 185	Cable run size 150 - 185 sq.mm., and Tap 6 - 185 sq.mm.	270.00
	T-GCST 300	Cable run size 240 - 300 sq.mm., and Tap 6 - 300 sq.mm.	380.00



## GROUNDING SYSTEM & LIGHTNING PROTECTION

Figure	Cat No.	Description	Price	
	<b>Cable Saddle</b>			
	T-LCS 35	Cable size 25 - 35 sq.mm.	85.00	
	T-LCS 70	Cable size 50 - 70 sq.mm.	95.00	
	T-LCS 120	Cable size 95 - 120 sq.mm.	120.00	
	T-LCS 185	Cable size 150 - 185 sq.mm.	170.00	
	T-LCS 300	Cable size 240 - 300 sq.mm.	230.00	
	<b>Aluminium</b>			
T-LCS 70A	Cable size 50 - 70 sq.mm., Aluminium	80.00		
	<b>Cable Cross Clamp</b>			
	T-LCCC 35-70	Cable size 35 - 70 sq.mm.	530.00	
	T-LCCC 95-120	Cable size 95-120 sq.mm.	690.00	
	<b>Aluminium</b>			
T-LCCC 35-70A	Cable size 35 - 70 sq.mm., Aluminium	400.00		
	<b>Tee Clamp</b>			
	T-LTC 70	Cable size 50 - 70 sq.mm.	270.00	
	T-LTC 120	Cable size 95 - 120 sq.mm.	330.00	
	<b>Aluminium</b>			
T-LTC 70A	Cable size 50 - 70 sq.mm., Aluminium	220.00		
	<b>Cable Test Connector</b>			
	T-LCTC 35-120	Cable size 35 - 120 sq.mm.	500.00	
	<b>Bi-Metallic Connector</b>			
	T-LBMC	Connector Copper and Aluminium	1,000.00	
	T-LBWC 12	Bimetallic Washer M12	250.00	
	<b>Cable-Tape Test Connector</b>			
	T-LCTT 70-253	Cable size 70 sq.mm., Copper Tape size 25 x 3 mm.	500.00	
	T-LCTT 95-253	Cable size 95 sq.mm., Copper Tape size 25 x 3 mm.	540.00	
	T-LCTT 120-253	Cable size 120 sq.mm., Copper Tape size 25 x 3 mm.	690.00	
	<b>Aluminium</b>			
T-LCTT 70-253A	Cable size 70 sq.mm., Aluminium Tape size 25 x 3 mm.	400.00		
	<b>Cable to Tape Clamp</b>			
	T-LCTC 120-253	Cable size 35-120 sq.mm., Copper Tape size 25x3 mm.	550.00	
	<b>Aluminium</b>			
T-LCTC 120-253A	Cable size 35-120 sq.mm., Aluminium Tape size 25x3 mm.	360.00		
	<b>Tape Test Connector</b>			
	T-LTTC 256	Maximum Copper Tape size 26 x 8 mm.	400.00	
	<b>Aluminium</b>			
	T-LTTC 256A	Maximum Aluminium Tape size 26 x 8 mm.	360.00	



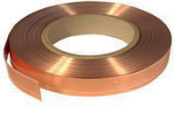

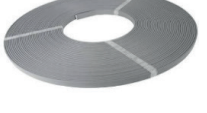
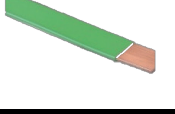




**GROUNDING SYSTEM & LIGHTNING PROTECTION**

	<b>Tape Clip</b>		
	T-LTC 253	Copper Tape size 25 x 3 mm.	40.00
	T-LTC 254	Copper Tape size 25 x 4 mm.	50.00
	T-LTC 304	Copper Tape size 30 x 4 mm.	60.00
	T-LTC 506	Copper Tape size 50 x 6 mm.	90.00
	<b>Tape Support</b>		
	T-LTS 253	Copper Tape size 25 x 3 mm.	80.00
	T-LTS 324	Copper Tape size 32 x 4 mm.	180.00
	T-LTS 505	Copper Tape size 50 x 5 mm.	250.00
	<b>Aluminium</b>		
	T-LTS 253A	Aluminium Tape size 25 x 3 mm.	60.00
	T-LTS 254A	Aluminium Tape size 25 x 4 mm.	65.00
	<b>Square Tape Support</b>		
	T-LSTS 253	Copper Tape size 25 x 3 mm.	310.00
	T-LSTS 324	Copper Tape size 32 x 4 mm.	550.00
	T-LSTS 505	Copper Tape size 50 x 5 mm.	600.00
	<b>Aluminium</b>		
	T-LSTS 253A	Aluminium Tape size 25 x 3 mm.	240.00
	T-LSTS 254A	Aluminium Tape size 25 x 4 mm.	250.00
	<b>Ground Wire Support</b>		
	T-LGWS 35-120	For Cable size 35 - 120 sq.mm.	130.00
	T-LGWS 253	For Copper Tape size 25 x 3 mm.	170.00
	<b>Supporting (Porcelain)</b>		
	T-LSP	White Color	60.00
	<b>Support (Bakelite)</b>		
	T-LSB	Black Color	30.00
	<b>Metal Sheet Clamp</b>		
	T-LMSC-1S	Stainless Steel	110.00
	T-LMSC-2S	Stainless Steel	110.00
	T-LMSC-3S	Stainless Steel	60.00
	T-LMSC-4S	Stainless Steel	110.00
	<b>Roof Holders</b>		
	<b>For Hip or Ridge Tiles</b>		
	T-LRHHR-100S	Stainless Steel	450.00
	T-LRHHR-200S	Stainless Steel	450.00
	T-LRHHR-600S	Stainless Steel (PEA Specification)	900.00
	<b>For Tile Sheet</b>		
	T-LRTHS-205SF	Stainless Steel	330.00
	T-LRTHS-405SF	Stainless Steel	360.00





## GROUNDING SYSTEM & LIGHTNING PROTECTION

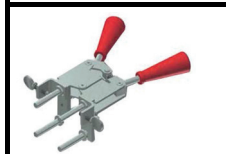
	<b>Tape Conductors : Copper Tape</b>		
	T-LCT 253	Copper Tape size 25 x 3 mm. ( 75 sq.mm. )	<b>On Request</b>
	T-LCT 254	Copper Tape size 25 x 4 mm. ( 100 sq.mm. )	<b>On Request</b>
	T-LCT 324	Copper Tape size 32 x 4 mm. ( 128 sq.mm. )	<b>On Request</b>
	<b>Tape Conductors : Tinned Copper Tape</b>		
	T-LTCT 253	Tin Copper Tape size 25 x 3 mm. ( 75 sq.mm. )	<b>On Request</b>
	T-LTCT 254	Tin Copper Tape size 25 x 4 mm. ( 100 sq.mm. )	<b>On Request</b>
	<b>Tape Conductors : Aluminium Tape</b>		
	T-LAT 253	Aluminium Tape size 25 x 3 mm. ( 75 sq.mm. )	<b>On Request</b>
	T-LAT 254	Aluminium Tape size 25 x 4 mm. ( 100 sq.mm. )	<b>On Request</b>
	<b>Tape Conductors : PVC Covered Copper Tape</b>		
	T-LCT 253P	PVC Covered Copper Tape size 25 x 3 mm.	<b>On Request</b>
	T-LCT 254P	PVC Covered Copper Tape size 25 x 4 mm.	<b>On Request</b>
	<b>Tape Conductors : PVC Covered Aluminium Tape</b>		
	T-LAT 253P	PVC Covered Aluminium Tape size 25 x 3 mm.	<b>On Request</b>
	T-LAT 254P	PVC Covered Aluminium Tape size 25 x 4 mm.	<b>On Request</b>
	<b>Circular Conductors : Solid Copper</b>		
	T-CC-10	Solid Copper Conductors dia. 10 mm.	<b>On Request</b>
	<b>Copper Claded Steel Wire (Single Core)</b>		
	T-2AWG	Conductors 2 AWG. (33.62 sq.mm.)	<b>On Request</b>
	T-ACCS-50	Conductors Dia. 8 mm. (50 sq.mm.)	<b>On Request</b>
	T-ACCS-70	Conductors Dia 10 mm. (78 sq.mm.)	<b>On Request</b>
	<b>Copper Claded Steel Wire (Single Core)</b>		
	T-ACBS-10	Conductor Dia. 10 mm.	<b>On Request</b>
	<b>Hard Draw Bus Bar</b>		
	T-HDBB304	Bus Bar size W. 30 mm. x T. 4 mm. , Length 5 M.	<b>On Request</b>
	T-HDBB324	Bus Bar size W. 32 mm. x T. 4 mm. , Length 5 M.	<b>On Request</b>
	T-HDBB305	Bus Bar size W. 30 mm. x T. 5 mm. , Length 5 M.	<b>On Request</b>
	T-HDBB325	Bus Bar size W. 32 mm. x T. 5 mm. , Length 5 M.	<b>On Request</b>
	T-HDBB405	Bus Bar size W. 40 mm. x T. 5 mm. , Length 5 M.	<b>On Request</b>
	T-HDBB505	Bus Bar size W. 50 mm. x T. 5 mm. , Length 5 M.	<b>On Request</b>

**GROUNDING SYSTEM & LIGHTNING PROTECTION**

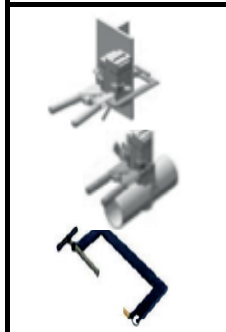


Graphite Mould For Cable, Rod, Bus Bar, Rebar, Steel, Pipe		
T4	Graphite Mould Type " 4 "	4,600.00
T5	Graphite Mould Type " 5 "	9,700.00
T6	Graphite Mould Type " 6 "	7,700.00

Weld Metal Powder For Cable, Rod, Bus Bar, Rebar, Steel, Pipe		
15 S	Weld Metal Powder size 15 g.	120.00
25 S	Weld Metal Powder size 25 g.	130.00
32 S	Weld Metal Powder size 32 g.	140.00
45 S	Weld Metal Powder size 45 g.	175.00
65 S	Weld Metal Powder size 65 g.	200.00
90 S	Weld Metal Powder size 90 g.	220.00
115 S	Weld Metal Powder size 115 g.	275.00
150 S	Weld Metal Powder size 150 g.	345.00
200 S	Weld Metal Powder size 200 g.	425.00
250 S	Weld Metal Powder size 250 g.	495.00
500 S	Weld Metal Powder size 500 g.	940.00



Handle Clamp For Mould		
MC 4	Handle Clamp Type " 4 "	3,100.00
MC 5	Handle Clamp Type " 5 "	3,500.00




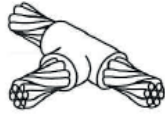
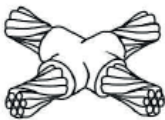




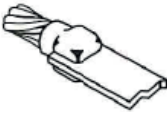
Handle Clamp With Support		
MC4-A 3657	Handle Clamp Type "4" with Vertical Beam Support	5,300.00
MC5-A 3657	Handle Clamp Type "5" with Vertical Beam Support	5,700.00
MC4-A 3658	Handle Clamp Type "4" with Chain Support	5,100.00
MC5-A 3658	Handle Clamp Type "5" with Chain Support	5,500.00
A 3657	Vertical Beam Support	2,200.00



Tool and Accessories For Exothermic Welding		
T-A 300	Tool and Accessories (Sets) (Tool Box, Wire Cleaning Brush, Flint Gun, Mold Cleaning Brush, Slag Removal Scraper , Butane Gas , Butane Torch )	6,980.00
A 302	Tool Box	3,800.00
A 305	Wire Cleaning Brush	750.00
A 309	Flint Gun	500.00
A 310	Mold Cleaning Brush	400.00
A 311	Slag Removal Scraper	150.00
A 312	Butane Gas	180.00
A 313	Butane Torch	1,200.00

# ONE-TIME

## GROUNDING SYSTEM & LIGHTNING PROTECTION

	<b>One Time Type CC1 : Cable End To End</b>		
	CC1 - Series	Cable Size 16 - 35 sq.mm.	250.00
		Cable Size 50 - 70 sq.mm.	280.00
		Cable Size 95 - 120 sq.mm.	280.00
		Cable Size 150 - 300 sq.mm.	750.00
	<b>One Time Type CC2 : Cable Run &amp; Tap</b>		
	CC2 - Series	Cable Size 16 - 35 sq.mm.	260.00
		Cable Size 50 - 70 sq.mm.	290.00
		Cable Size 95 - 120 sq.mm.	290.00
		Cable Size 150 - 300 sq.mm.	800.00
	<b>One Time Type CC4 : Cable Cross</b>		
	CC4 - Series	Cable Size 16 - 35 sq.mm.	280.00
		Cable Size 50 - 70 sq.mm.	300.00
		Cable Size 95 - 120 sq.mm.	850.00
		Cable Size 150 - 300 sq.mm.	850.00
	<b>One Time Type GR1 : Cable To Rod</b>		
	GR1 - Series	Cable Size 16 - 35 sq.mm., with Rod Size 5/8", 3/4"	250.00
		Cable Size 50 - 70 sq.mm., with Rod Size 5/8", 3/4"	280.00
		Cable Size 95 - 120 sq.mm., with Rod Size 5/8", 3/4"	280.00
		Cable Size 150 - 300 sq.mm., with Rod Size 5/8", 3/4"	750.00
	<b>One Time Type GT2 : Cable Horizontal to Rod</b>		
	GT2 - Series	Cable Size 16 - 35 sq.mm., with Rod Size 5/8", 3/4"	260.00
		Cable Size 50 - 70 sq.mm., with Rod Size 5/8", 3/4"	290.00
		Cable Size 95 - 120 sq.mm., with Rod Size 5/8", 3/4"	290.00
		Cable Size 150 - 300 sq.mm., with Rod Size 5/8", 3/4"	800.00
	<b>One Time Type NT3 : Cable Run &amp; Tap To Rod</b>		
	NT3 - Series	Cable Size 16 - 35 sq.mm., with Rod Size 5/8", 3/4"	280.00
		Cable Size 50 - 70 sq.mm., with Rod Size 5/8", 3/4"	300.00
		Cable Size 95 sq.mm., with Rod Size 5/8", 3/4"	300.00
		Cable Size 120 - 300 sq.mm., with Rod Size 5/8", 3/4"	850.00
	<b>One Time Type XT4 : Cable Cross To Rod</b>		
	XT4 - Series	Cable Size 16 - 35 sq.mm., with Rod Size 5/8", 3/4"	300.00
		Cable Size 50 - 70 sq.mm., with Rod Size 5/8", 3/4"	350.00
		Cable Size 95 - 120 sq.mm., with Rod Size 5/8", 3/4"	900.00
		Cable Size 150 - 300 sq.mm., with Rod Size 5/8", 3/4"	900.00
	<b>One Time Type CB1 : Cable To Bar</b>		
	CB1 - Series	Cable Size 16 - 35 sq.mm.	250.00
		Cable Size 50 - 70 sq.mm.	280.00
		Cable Size 95 - 120 sq.mm.	280.00
		Cable Size 150 - 300 sq.mm.	750.00

# ONE-TIME ELECTRICAL CONNECTIONS

## วิธีเชื่อมต่อกราวด์หลอด

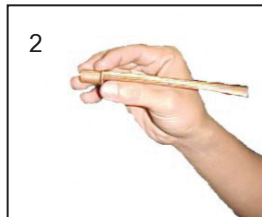
1. ชิ้นส่วนต่างๆทั้งหมด ได้ถูกบรรจุอยู่ในแบบหล่อ ซีลยางถูกบรรจุในส่วนด้านล่างสุดของแบบหล่อ เพื่อป้องกันการรั่วไหล
2. สอดสายไฟลงในสลีฟ และวางแท่งกราวด์หลอด
3. เทผงเชื่อมลงในเบ้า OneTime เตรียมเชื่อมโลหะในแม่พิมพ์
4. ปิดฝาเคาะผงที่ค้างกัน ตรงปากทางนำร่องจุดชนวนระเบิดโดยใช้ปืนสำหรับจุดเท่านั้น
5. เสร็จสิ้นการเชื่อมต่อสายแบบหล่อของ OneTime

คำเตือน: ก่อนที่จะทำการเชื่อมต่อทุกครั้ง เพื่อความปลอดภัยควรอ่านรายละเอียดข้อควรระวังและวิธีการทำงานตามขั้นตอนคำแนะนำตามคู่มือในกล่อง OneTime โดยผู้ชำนาญการ

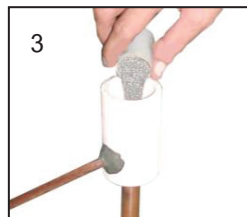
**ข้อควรระวัง !! ห้ามเก็บไว้ในที่เปียกชื้น, ระวังแตก**



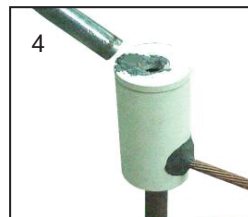
1  
All parts packed  
In Mold.,Rubber  
Seal in mold bottom  
Prevents leaking.



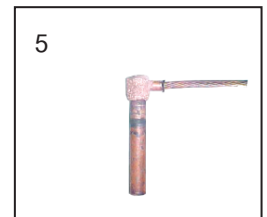
2  
Insert Cable in  
Sleeve and  
Place Rod.



3  
Dump OneTime  
Weld metal in mold.



4  
Ignite with flint gun.



5  
Finished OneTime  
Connection.

Prior to marking a connection.,the detailed instructions and safety precautions provide with each OneTime Mold should be read.



## GROUNDING SYSTEM & LIGHTNING PROTECTION

	Earthing Spike (การราวหรือดิ่งเหล็ก)	
	<b>GKA-ETS-2000</b>	<b>Earthing Spike Size 60 x 60 x 5 x 2000 mm.</b>
		<b>(Material : Mild Steel)</b>
		<b>Hot Dip Galvanied Not Less Than 85 Microns.</b>
	<p style="text-align: center;"><b>Type of Exothermic Welding</b></p>	
		<b>CG 98</b>
		<b>CG 99</b>
		<b>CG 66</b>