GROUNDING

BI - BI5



Irreversible Grounding









- Made of Pure Electrolytic Copper matches or exceeds conductor current carrying capacity
- Acceptable for direct burial in earth and concrete
- Provides a tap or pigtail-type connection from ground rods to grounding counterpoise or grid
- Conductor range #2 through 500 kcmil
- Suitable for use on Copperweld™ or copper clad cable
- Ground rod sizes 1/2", 5/8", and 3/4"
- UL 467 Listed and meets UL 96 Std.
- CSA Certified, and conforms to IEEE 837 Std.

UL467 LISTED & CSA C22.2 NO.41 **SUITABLE FOR DIRECT BURIAL** & GROUNDING/BONDING

DIMENSIONS = INCHES

CAT.	WIRE	ROD/REBAR	DIMENSIONS	INCHES	BOX
NO.	RANGE	DIAMETER	DEPTH/WIDTH	HEIGHT	QŤΥ
91500	2/0-2	1/2"	.88	1.94	50
91502	2/0-2	5/8"	.88	1.97	50
91504	2/0-2	3/4"	.88	2.19	40
91506	2/0-2	l"	.88	2.55	40
91510	250-4	1/2	.88	1.40	50
91512	250-4	5/8	.88	2.14	40
91514	250-4	3/4	.88	2.19	40
91516	250-4	I "	.88	2.45	40
91520	500-300	5/8"	.88	2.14	40
91522	500-300	3/4"	.88	2.44	35
91524	500-300	l "	.88	2.45	40



Fig 1



Fig 2

- Made of Pure Electrolytic Copper matches or exceeds conductor current carrying capacity
- Acceptable for direct burial in earth and concrete
- Provides a tap or pigtail connection from ground rods to grounding counterpoise or grid
- Conductor range #6 through 500 kcmil
- Suitable for use on Copperweld™ or copper clad cable
- Ground rod sizes 1/2", 5/8", and 3/4"
- UL 467 Listed and meets UL 96 Std.
- CSA Certified, and conforms to IEEE 837 Std.

UL467 LISTED & CSA C22.2 NO*A*1 SUITABLE FOR DIRECT BURIAL & GROUNDING/BONDING



								DIMENSIONS = INCHES
CAT. No.	FIG	CONDUCTOR/GR CONDUCTOR I		REBAR TO C	ONDUCTOR	DIMENSIONS	INCHES	BOX QTY
		MAIN	TAP	MAIN	TAP	DEPTH/WIDTH	HEIGHT	Ψ
91530	1	#2 STR	#6 SOL	-	-	.88	1.94	75
91532	2	#2 STR	#6 SOL	-	-	.88	1.97	75
91534	2	250- I/O I/2"-5/8" ROD	#6 STR-#8 SOL	#3(3/8")-#4(1/2")	#6 STR-#8 SOL	.88	2.19	50
91536	1	250- I/O I/2"-5/8" ROD	#2 STR-#4 SOL	#3(3/8")-#4(1/2")	#2 STR	.88	2.55	15
91540	1	250- I/O I/2"-5/8 "ROD	2/0 STR-I/0 STR	#3(3/8")-#4(1/2")	2/0 STR-I/0 STR	.88	1.40	15
91542	1	250- I/O I/2"-5/8" ROD	250-3/0 STR	#3(3/8")-#4(1/2")	250 MCM- 3/0 STR	.88	2.14	15
91544	1	500-250 3/4"-5/8" ROD	#2 STR-#4 STR	#5(5/8")-#6(3/4")	-	.88	2.19	15
91546	1	500-250 3/4"-5/8" ROD	2/0 STR-I/0 STR	#5(5/8")-#6(3/4")	2/0 STR-I/0 STR	.88	2.45	15
91547	1	500-250 3/4"-5/8" ROD	250-3/0 STR	#5(5/8")-#6(3/4")	250 MCM-3/0 STR	.88	2.14	15
91549	1	500-250 3/4"-5/8" ROD	500-350 MCM	#5(5/8")-#6(3/4")	500- MCM-350 MCM	.88	2.44	15

Copper C-Taps

UL467 LISTED & CSA C22.2 NO.41 **SUITABLE FOR DIRECT BURIAL** & GROUNDING/BONDING

- Applications include Copper to Copper Tapping, Splicing or Stub/Pigtail
- High Strength Electrolytic Copper
- Allows for 2 Continuous Parallel Conductors
- Compact Size & Range Taking

DIMENSIONS = INCHES

		I	COND	UCTOR		DIA	ILNUIO	vo.		
CAT.	FIG	DIE	RA	NGE		UIM	IENSIO!	VÕ		BOX
NO.	ГІО	COLOR	RUN	TAP	STRIP L	L	W (ID)	Н	Τ	QТY
			14	16-14						
91802	1	RED	12	16-12	1/2	.32	.18	.16	.07	275
			10	14						
91803	1	BLUE		10	5/8	.61	.32	.36	.07	275
			8	12						
91804	1	GRAY	<u>6</u> 8	10-12 8-10	5/8	.61	.32	.43	.07	200
			4	8-10-12						
91805	1	BROWN		6-8	1-1/4	1.17	.41	.43	.07	150
			4	6-4						
91806	1	GREEN	3	12-6	1-1/4	1.17	.45	.52	.07	100
			4	4						
91807	1	PINK	3	4-6	1-1/4	1.17	.49	.54	.07	100
			2	12-6	•					
			- 1	12-4						
91808	1	BLACK	2	4-6	2	1.75	.53	.64	.07	100
			3	4-3						
			1/0	12-4						
91809	1	ORANGE	- 1	4-3	2	1.75	.61	.71	.09	50
			2	4-2						
			2/0	12-4						
91810	-1	PURPLE	1/0	2	2	1.75	.69	.77	.09	30
			- 1	1-2						
			3/0	2-12						
91811	1	YELLOW	2/0	1-2	1	1.75	.81	1.07	.09	30
			1/0	1/0-1						





FIG 1

DIMENSIONS = INCHES

CAT.	F10	DIE		UCTOR NGE		DIM	IENSIO	NS		BOX
NO.	FIG	COLOR	RUN	TAP	STRIP L	L	W (ID)	Н	Т	QTY
			1	T						
			1/0	1/0-2						
91812	2	BLUE	2/0	2/0-4	1	1.30	.79	.63	.16	50
			3/0	1/0-6						
			4/0	1-8						
			2/0	2/0-1						
91813	2	BROWN	3/0	3/0-3	1	1.46	.79	.79	.20	50
			4/0	4/0-4						
			250	1/0-8						
			2/0	2/0-1						
0.0.4			3/0	3/0-3						
91814	2	PINK	4/0	4/0-4	1-1/8	1.67	1.03	.85	.20	25
			250	3/0-6						
			300	2/0-8						
			4/0	4/0-2/0						
91815	2	BLACK	250	250-1	1-1/8	1.71	1.03	.90	.20	25
0.0.0	_	22.10.1	300	4/0-4	, 0			.00		
			350	3/0-6						
			_250	250						
			300	300-3/0						
91816*	2	YELLOW	350	350-1/0	1-5/16	1.87	1.28	1.02	.20	15
01010	_	TEELOW	400	300-2	1 0/10	1.07	1.20	1.02	.LU	10
			450	250-4						
			500	250-6						
			350	350-4/0						
91817*	2	WHITE	400	400-2/0	1-5/16	2.17	1.29	1.18	.30	10
31017	۷	VVIIIIL	450	450-1	1 0/10	۵.17	1.20	1.10	.00	10
			500	500-2						
91818*	2		750-500	4/0-6	2-3/4	2.75	1.97	1.34	.16	5
			750	750-4/0	L J/4	۷./ ن	1.01	1.04	.10	J

Copper C-Taps - Heavy Wall

- Heavy Wall High Strength Electrolytic Copper
- Allows for 2 Continuous Parallel Conductors
- Range Taking

UL467 LISTED & CSA C22.2 NO.41 SUITABLE FOR DIRECT BURIAL & GROUNDING/BONDING





CAT.	CONDUCT	OR RANGE			DIMENSIONS				STRIP	ВОХ
NO.	RUN Max	TAP MAX	DIE TYPE	L (OD)	L (ID)	W	D	ENTRY	LENGTH	ОТŸ
91819	6-6	6-6	BG	.77	.46	.71	.43	.29	3/4	50
91820	6-4	4-4	BG	.81	.53	.63	.47	.31	3/4	25
91821	2-2	8-4	С	.98	.65	.75	.61	.37	3/4	50
91822	2-2	2-2	С	1.05	.76	.76	.60	.45	3/4	50
91823	1/0-2/0	1/0-2/0	C	1.35	.87	.95	.80	.43	1-1/8	25
91824	3/0-4/0	1/0-2/0	D3	1.64	1.01	1.07	.97	.60	1-1/4	15
91825	3/0-4/0	3/0-4/0	D3	1.58	1.10	1.07	.97	.56	1-1/4	15

Aluminum Ground Pipe Clamps











FIG 2

- Cast of High Conductivity 6061-T6 Tin Plated Aluminum Alloy
- Dual Rated for Copper or Aluminum Conductors
- For Connecting Copper or Aluminum Conductor to Water Pipe, Ground Rod, Copper Water Pipe, Galvanized Pipe or Steel Conduit
- Tin Plated Aluminum Set Screw for Corrosion Resistance
- Tin Plated Machined Steel Mounting Hardware
- 90635, 90537 & 90540 have Lay-In Feature for use in Continuous Loop applications

DIMENSIONS = INCHES

CAT.	FIG	ТҮРЕ	PIPE	WIRE	RANGE	SCRE	W SIZE	BOX
NO.	riu	IIFE	RANGE	MIN	MAX	TOP	SIDE	QΤY
90633	1	FEED-THRU	1/2"-1"	14	1/0	7/16 X .55"	1/4-20 X 1.50"	25
90632	1	FEED-THRU	1-1/4"-2"	6	250	5/8-18 X 1.18"	5/I6-I8 X 2.I7"	5
90561	1	FEED-THRU	2-1/2"-4"	6	250	5/8-18 X 1.18"	5/16-18 X 2.17"	5
90635	2	LAY-IN	1/2"-1"	14	1/0	7/16 X .55"	1/4-20 X 1.50"	25
90640	2	LAY-IN	1-1/4"-2"	6	250	5/8-18 X 1.18"	5/16-18 X 2.17"	5
90637	2	LAY-IN	2-1/2"-4"	6	250	5/8-18 X 1.18"	5/16-18 X 2.17"	5

Zinc Ground Pipe Clamps









FIG 1



FIG 2

- Cast of High Conductivity Zinc Alloy
- Dual Rated for Copper or Aluminum Conductors
- For Connecting Copper or Aluminum Conductor to Water Pipe, Ground Rod, Copper Water Pipe, Galvanized Pipe or Steel Conduit
- Tin Plated Aluminum Set Screw for Corrosion Resistance
- Tin Plated Machined Steel Mounting Hardware

CAT.	FIG	ТҮРЕ	CABLE TYPE	PIPE	WIRE	E RANGE SO		EW SIZE	BOX OTY
NO.	riu	IIFE	TYPE	RANGE	MIN	MAX	TOP	SIDE	QТY
90567	1	FEED-THRU	JACKETED	1/2"-1"	10	2	I/4 X 51"	I/4-20 X I.50"	100
90570	2	FEED-THRU	ARMORED	1/2"-1"	8	6	I/4 X .62"	I/4-20 X I.50"	100

Heavy Duty Ground Rod Clamps - Direct Burial



- Designed to Maintain Proper Contact and Alignment between Ground Wire & Ground Rod
- Listed for use with Copper Bonded Steel, Stainless Steel and Galvanized Ground Rods
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Silicone Bronze or Stainless Steel Bolt
- UL 467 Approved for Direct Burial in Soil & Concrete
- Direct Burial Marked on Clamps



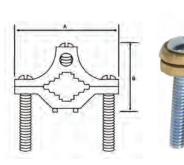
DIMENSIONS = INCHES

CAT.	ROD	REBAR SIZE	WIRE	SCREW THREAD	DIN	<i>MENSIONS</i>	BOX QTY
NO.	DIAMETER	KLDAK SIZL	RANGE	SIZE	Α	В	ФТҮ
90634	1/2"	3/8″	#2-#10	5/16-18	.50	1.24	50
90636	5/8"	1/2"	1/0-#10	3/8-16	.59	1.46	50
90638	3/4"	5/8"	#1-#10	3/8-16	.59	1.51	50
90639	1/2", 5/8", 3/4"	3/8", 1/2", 5/8"	1/0-#10	3/8-16	.59	2.38	50
90535	l"	-	4/0-#8	3/8-16	.58	2.40	50

Copper Ground Pipe Clamps



- For Connecting Grounding Conductor to Water Pipe,
 Copper Tubing or Ground Rod
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws Zinc Plated for Corrosion Resistance





CAT.	WATER	WIRE	SCREW THREAD SIZE	DIM	ENSIONS	BOX
NO.	PIPE RANGE	RANGE	SUKEW INKEAU SIZE	Α	В	BOX QTY
90627	1/2"-1"	2-10	1/4-20	2.25	1.64	25
90628	1-1/4"-2"	2-10	5/16-18	3.54	2.48	10
90598	2-1/2"-4"	2-10	3/8-16	6.30	3.40	15
90599	4-1/2"-6"	2-10	3/8-16	8.30	4.00	5

Conduit Hub Adaptors

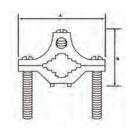
- Conduit Hub Adaptors Used with Standard Ground Pipe Clamps to Ground Conduit to Pipe - Used with 90627, 90628, 90598 & 90599 Pipe Clamps
- Allows for Maximum Flexibility In the Field
- Cast of High Strength, High Conductivity Copper Alloy
- For Grounding Water Pipe to Electrical Conduit
- \bullet Can also purchase pre-assembled Clamp & Adaptors 90601 Thru 90606

CAT. No.	CONDUIT Size	BOX OTY
91600	1/2"	10
91601	3/4"	10
91602	"	10

Copper Ground Pipe Clamps - Direct Burial







- For Grounding Conductors to Water Pipe, Copper Tubing
- 90631 UL Direct Burial Clamp Designed for Copper-to-Rebar
- Commonly used for Swimming Pools/Spas, Commercial, Industrial & Agricultural Applications
- Cast of High Strength, High Conductivity Copper Alloy
- Copper or Stainless Steel Screws
- UL 467 Listed for Direct Burial in Soil or Concrete

DIMENSIONS = INCHES

CAT.	WATER PIPE	GROUND	REBAR		REBAR WIRE	SIDE SCREW	DIMENSIONS		BOX
NO.	RANGE	ROD SIZE	SIZE	RANGE	THREAD	THREAD	Α	В	QТY
90629	1/2"-1"	["	-	2-10	1/4-20	1/4-20	2.17	1.42	25
90630	1-1/4"-2"	I "	-	2-10	1/4-20	5/16-18	3.58	1.93	10
90621	2-1/2"-4"	2"	-	2-10	1/4-20	5/16-18	5.95	2.95	5
90622	4-1/2"-6"	2"	-	2-10	1/4-20	5/16-18	8.09	4.19	5
			PIPE CLAM	PS FOR REBAR	APPLICATIONS				
90631	I/2 "-I"	1/4"-1"	3/8"-1"	2-10	1/4-20	1/4-20	2.25	1.64	5

Copper Ground Pipe Clamps - Serrated Collar





- Serrated Collar Accommodates a Variety of Adaptors for Maximum Flexibility In the Field
- High Strength, High Conductivity Copper Alloy
- Zinc Plated Steel Set Screws for Corrosion Resistance
- Use with Morris Cat# 91603 thru 91606 Serrated Adaptors for Armored Cable or Conduit Grounding Applications

DIMENSIONS = INCHES

CAT.	PIPE	WIRE RANGE		BOX
NO.	RANGE	MIN	MAX	QΤΥ
91660	1/2"-1"	10 SOL	2 STR	10
91662	1-1/4"-2"	10 SOL	2 STR	10
91664	2-1/2 "-4"	IO SOL	2 STR	35
91666	4-1/2 "- 6"	10 SOL	2 STR	25

Serrated Adaptors - for Serrated Collar Ground Clamps



FIG 1

- Serrated Teeth match Serrated Collar Pipe Clamps for maximum flexibility in the Field
- Use with Serrated Collar Pipe Clamps Cat# 91660 Thru 91666
- For Grounding Pipe to Electrical Conduit or Ground Wires
- Cast of High Strength, High Conductivity Copper Alloy
- Can also purchase pre-assembled Clamp & Adaptors Cat #91701 Thru 91709 or Cat# 91690 Thru 91696

DIMENSIONS = INCHES



FIG 2

CAT.	FIGURE	CONDUIT	WIRE RANGE		ВОХ			
NO.	FIGURE	SIZĒ	MIN	MAX	QТY			
	SER	RATED CONDUIT HU	B ADAPTOR					
91603	1	1/2"	N/A	N/A	25			
91604	1	3/4"	N/A	N/A	25			
91605	1	["	N/A	N/A	25			
SERRATED ARMORED CABLE ADAPTOR								
91606	2	N/A	#8	4/0	25			

Copper Ground Clamps - Rotatable - Rigid Conduit Hub

- For Connecting Electrical Conduit to Water Pipe, Copper Tubing & Ground Rod
- Serrated Conduit Adaptor Swings 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws Zinc Plated for Corrosion Resistance





DIMENSIONS = INCHES

CAT.	PIPE HUB	HUB	WIRE	RANGE	DIMEN	SIONS	SCREV	N TYPE	BOX
NO.	SIZE	SIZE	MIN	MAX	LENGTH	HEIGHT	TOP	SIDE	ŌТŸ
91701	1/2 - 1	1/2	IO STR	4 STR	2.17	1.95	3/16"-24 X 1.37	5/16"-18 X 1.69	10
91702	1/2 - 1	3/4	IO STR	2/0 STR	2.17	2.15	3/16"-24 X 1.37	I/4"-20 X I.67	10
91703	1/2 - 1	1	IO STR	3/0 STR	2.24	2.32	3/16"-24 X 1.37	I/4"-20 X I.67	10
91704	I-I/4 - 2	1/2	IO STR	4 STR	3.58	2.54	3/I6"-24 X I.37	5/16"-18 X 2.60	5
91705	I-I/4 - 2	3/4	IO STR	2/0 STR	3.58	3.68	3/16"-24 X 1.50	5/16"-18 X 2.60	5
91706	I-I/4 - 2	1	IO STR	3/0 STR	3.58	3.81	3/16"-24 X 1.50	5/16"-18 X 2.60	5
91707	2-1/2 - 4	1/2	IO STR	4 STR	5.95	4.00	3/16"-24 X 1.50	5/16"-18 X 4.23	5
91708	2-1/2 - 4	3/4	IO STR	2/0 STR	5.95	4.20	3/16"-24 X 1.50	5/16"-18 X 4.23	5
91709	2-1/2 - 4	1	IO STR	3/0 STR	5.95	4.33	3/16"-24 X 1.50	5/16"-18 X 4.23	5

Copper Ground Clamps - Rigid Conduit Hub



- Suitable for connecting grounding conductor in rigid conduit to water pipe, ground rod and copper weld tubing
- Standard Collar and Adaptor
- Hub Swings 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance
- UL Listed

DIMENSIONS = INCHES

		CONDUIT	COND	UCTOR	DIMEN	SIONS	TOP	SIDE	BOX OTY
NO.	RANGE	SIZĒ	MIN	MAX	LENGTH	WIDTH	SCREW SIZE	SIZE SCREW SIZE	
90601	1/2-1	1/2	10	2	2.24	1.52	1/4-20 X .63	1/4-20 X 1.50	10
90602	1/2 - 1	3/4	10	2	2.24	1.52	I/4-20 X .63	1/4-20 X 1.50	10
90603	1/2 - 1	1	10	2	2.24	1.52	I/4-20 X .63	1/4-20 X 1.50	10
90604	1-1/4 - 2	1/2	10	2	3.58	2.48	5/I6-I8 X .73	5/I6-I8 X 2.25	5
90605	I-I/4 - 2	3/4	10	2	3.58	2.48	5/I6-I8 X .73	5/16-18 X 2.25	5
90606	1-1/4 - 2	1	10	2	3.58	2.48	5/I6-I8 X .73	5/I6-I8 X 2.25	5

Copper Ground Clamps - Rigid Conduit Hub & Strap Ma





- · Suitable for connecting grounding strap to rigid conduit to water pipe, ground rod and copper weld tubing
- 1/2" or 3/4" Conduit hub & extension strap
- 8" Copper Strap & Hub Swing 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance
- 91558 for water heater applications has 2 pipe clamps & 24" of 6 awg copper wire included

UL Listed





FIG 2

DIMENSIONS = INCHES

CAT. FIG PIPE NO. FIG RANGE		CONDUIT	COND	UCTOR	DIMEN	SIONS	TOP	SIDE	BOX QTY	
NO.	110	RANGE	SIZĒ	MIN	MAX	LENGTH	WIDTH	SCREW SIZE	SCREW SIZE	QТY
91550	1	1/2 - 1	1/2	10	2	2.24	1.52	1/4-20 X .63	1/4-20 X 1.50	10
91556	1	1/2 - 1	3/4	10	2	2.24	1.52	I/4-20 X .63	1/4-20 X 1.50	10
91558	2	1/2 - 1	N/A	10	2	2.24	1.52	I/4-20 X .63	1/4-20 X 1.50	10

FIG 1

Copper Ground Clamps - Cable Adaptor





- For Connecting Ground Wire to Water Pipe, Copper Tubing & Ground Rod
- Standard Collar and Pressure Bar Grip Adaptor decreases chances of grounding conductors being pulled out
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance

DIMENSIONS = INCHES

CAT.	PIPE	WIRE R	RANGE	BOX QTY
NÖ.	RANGE	MIN	MAX	ФТY
91670	1/2 "- 1"	8 SOL	4 STR	10
91672	I-I/4 <i>"</i> - 2"	8 SOL	4 STR	10

Copper Ground Clamps - Cable Adaptor - Top Mount





- For Connecting Ground Wire to Water Pipe, Copper Tubing & Ground Rod
- Standard Collar and Pressure Bar Grip Adaptor decreases chances of grounding conductors being pulled out
- Pressure Bar Swings 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance

DIMENSIONS = INCHES

CAT.	PIPE	WIRE R	PANGE	BOX OTY
NO.	RANGE	MIN	MAX	ФТY
91680	1/2"- "	IO SOL	6 SOL	10
91682	I-I/4" - 2"	IO SOL	6 SOL	10

Copper Ground Clamps - Serrated Collar - Cable Adaptor





- For Connecting Armored Cable/Ground Wire to Water Pipe, Copper Tubing, & Ground Rod
- Serrated Collar and Adaptor Swings 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance

CAT.	PIPE -	WIRE I	RANGE	DIMENSIONS			SCREV	BOX	
CAT. No.	RANGE	MIN	MAX	LENGTH	DEPTH	HEIGHT	TOP	SIDE	ŌΤŸ
91690	1/2"-1"	8 STR	4/0 STR	2.32	.75	1.44	I/4-20 X .63"	1/4-20 X 1.5"	10
91692	I-I/4" -2"	8 STR	4/0 STR	3.54	.83	2.13	I/4-20 X .63"	5/I6-I8 X 2"	10
91694	2-1/2" - 4"	8 STR	4/0 STR	5.95	.98	2.95	1/4-20 X .63"	5/I6-I8 X 4"	25
91696	4-1/2 "- 6"	8 STR	4/0 STR	8.09	.94	4.19	1/4-20 X .63"	5/I6-I8 X 5"	25

Copper Ground Pipe Clamps - Lay-In









- For Connecting Grounding Conductors to Water Pipe, Conduit,
 Copper Tubing, Ground Rods or Reber
- Parallel, Perpendicular or Top Entry Lay-In Feature for Easy Wire Insertion in Continuous Loop applications
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Copper or Stainless Steel Screws
- UL 467 Listed for Direct Burial in Soil & Concrete

DIMENSIONS = INCHES

CAT.	EIC PIPE GROUND ROD RE		REBAR	WIRE	RANGE	GE DIMENSIONS				
CAT. NO.	FIG	ŔÄNĞE	RANGE	RANGE	MIN	MAX	LENGTH	HEIGHT	WIDTH	BOX QTY
91653	1	1/2-1	3/8-1	3/8-1	IO SOL	2 STR	2.24	1.46	.75	25
91656	2	1/2-1	3/8-1	3/8-1	10 SOL	2 STR	2.24	1.46	.75	25
91652	3	1/2-1	1/2-1	3/8-1	10 SOL	2 STR	2.21	1.15	.63	25

Copper Ground Pipe Clamps -Heavy Duty - Lay-In



- For Connecting Grounding Conductors to Water Pipe, Conduit,
 Copper Tubing, Ground Rods or Rebar up to 1" in diameter
- Accepts Up To 4/O Ground Conductor
- Lay-In or Feed Through Configurations
- Cast of High Strength High Conductivity Copper
- Stainless Steel Set Screws
- UL 467 Listed for Direct Burial in Soil & Concrete





CAT.	CAT. FIG PIPE NO. FIG RANGE	PIPE	GROUND ROD	D ROD REBAR RANGE WIRE RANGE		RANGE	DIMEN	BOX QTY		
NO.	rio	RANGE	RANGE	KEDAK KANUE	MIN	MAX	LENGTH	HEIGHT	QТY	
				SIDE LA	Y-IN					
91654	1	1/2" -1"	-	-	8 STR	4/0 STR	2.55	2.10	10	
91655	1	I-I/4 <i>"</i> - 2"	-	-	8 STR	4/0 STR	3.32	3.20	5	
91657	1	2-1/4" - 4"	-	-	8 STR	4/0 STR	5.70	3.75	5	
	FEED THROUGH									
91610	2	1/2"-1"	3/8 "I I"	3/8 "-1"	8 STR	4/0 STR	2.36	1.76	25	

Lay-In Lugs - Copper - Direct Burial







90572

- Use on Electrical Equipment, Pool/Spa Equipment, Conduit Bushings, and Jumper to Multiple Conduits
- 90572 Ideal for Grounding Swimming Pools
- 90573 Ideal for Solar applications
- Lay-In Feature for Use with Continuous Ground Loops
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Stainless Steel Set Screw - 1/4" X 28 Thread
- UL 467 CSA C22.2 Approved for Direct Burial in Soil & Concrete
- Direct Burial Marked on Clamp

DIMENSIONS = INCHES

CAT. NO.	ТҮРЕ	AWG	WIRE RANGE	LENGTH	WIDTH	HEIGHT	BOLT	BOX QTY
90572	DIPPED	4	4-14	1.04"	.47"	.76"	.26"	100
90573	TIN PLATED	4	4-14	1.04"	.47"	.76"	.26"	100

Lay-In Lugs - Aluminum







- Open face design allows installer to quickly lay in the grounding conductor as a jumper to multiple conduits with no break in the ground conductor
- Excellent for tapping off main conductor without cutting due to lay-in feature
- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity
- Dual Rated for both copper and aluminum conductors
- Electro tin plated to provide low contact resistance and protection against corrosion

DIMENSIONS = INCHES

CAT. No.	AWG	WIRE RANGE	LENGTH	WIDTH	HEIGHT	BOLT	BOX QTY
90574	4	4-14	1.05	.47	.78	.26	100
90575	1/0	1/0-14	1.50	.59	1.17	.26	50
90576	3/0	3/0-6	2.00	.80	1.56	.41	50
90580	250	250-6	2.20	.80	1.79	.41	25

InterSystem Bonding Connector





- Fast & Simple Installation on Ground Conductor
- Lay-In feature Allows Termination to Existing Main Ground Electrode without Cutting or Splicing Conductor
- Accommodates up to 4 Intersystem Bonding Conductors
- 6061-T6 Dual Rated Aluminum Connector
- Stainless Steel Screws
- UV Rated Paintable Thermoplastic Cover Included
- UL 467 Listed, Meets NEC 2008 Section 250.94 Requirements

CAT		COND	UCTORS		CODEM				nov
CAT. NO.	MAIN G MIN	ROUND MAX	LOW V Min	OLTAGE MAX	SCREW TYPE	LENGTH	WIDTH	HEIGHT	BOX QTY
90588	6	2	14	4	STAINLESS STEEL	3.93	1.19	1.40	10

Ground Clamps - Lay-In - Rebar



- Connect Grounding Electrode Conductor to Bare Rebar
- Rugged and Compact
- Lay-In Feature for Use with Continuous Ground Loops
- Popular for Swimming Pool/Spa, Telecommunications, Agriculture, Marine & Food Processing Applications
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Hardware
- UL 467 Listed for Direct Burial In Soil & Concrete
- Not for Use on Epoxy Coated Rebar



DIMENSIONS = INCHES

CAT. No.	REBAR	WIRE R	ANGE		DIMENSIONS			
NO.	SIZE	MIN	MAX	LENGTH	WIDTH	HEIGHT	QТŸ	
91712	3/8"	8 SOL	6 SOL	1.14"	.74"	.75"	25	
91713	1/2"	8 SOL	4 STR	1.35"	.83"	.91"	25	

Ground Clamps - Vice Grip Style

- For Grounding to Flat Bar with One or Two Conductors - Copper Only
- Use as Splice or Tap
- Lay-In (Side Entry) for easy installation
- V-Groove aligns Conductors
- Interlock Design for Resistance to
- Cast of High Strength High Conductivity Bronze - Excellent Heat Dissipation



047	CONDUC	TOR RANGE	DOV
GAT. NO.	MAX 2 Conductors	MIN 2 Conductors	BOX QTY
91912	6 SOL	8 SOL	25
91913	4 STR	6 SOL	25

Ground Clamps - I-Beam



- Connect Ground Conductor to I-Beam or Metal Frame
- Connects one ground wire to 1/4" Thick Bar or Stanchion
- Lay-in Feature for Use with Continuous Ground Loops
- Popular for Cable Tray, Fence Posts & Structural Steel
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete





FIG 1

FIG 2

CAT.	F10	CONDUCTO	CONDUCTOR RANGE		DIMENSIONS	BOLT	ВОХ				
NO.	NO. FIG	MIN	MAX	LENGTH	WIDTH	HEIGHT	SIZE	QΤΫ́			
			GROUND CONDUCT	OR ISOLATED FROM	1 BAR						
91715	1	8 SOL	4 STR	1-1/4	1	1-5/8	3/8	25			
91716	1	4 SOL	2/0 STR	I-5/8	I-I/8	I-3/4	3/8	10			
91717	1	2/0 SOL	250 MCM	2-1/8	1-1/2	2	1/2	10			
GROUND CONDUCTOR CLAMPED TO BAR											
91721	2	8 SOL	4 STR	1-1/4	1	1-5/8	3/8	25			
91722	2	4 SOL	2/0 STR	1-5/8	I-I/8	1-3/4	3/8	25			
91723	2	2/0 SOL	250 MCM	2-1/8	I-I/2	2	1/2	10			

Ground Jumper Clamps



- Cast of High Strength, High Conductivity Copper Alloy
- Stainless Steel Hardware
- Make Connections between Aluminum or Galvanized Steel and Copper or Copper Bonded Steel Wires
- Bow Design Spring Action Maintains Positive Clamping Force
- Wrap-Around Design Secures Conductor

DIMENSIONS = INCHES

CAT.	FINICII	CONDUC	CONDUCTOR RANGE		BOLT	BOX
CAT. No.	FINISH	FINISH MIN MAX		DIAMETER	MATERIAL	QΤŶ
91922	TIN PLATED	6 SOL	I/O STR	.162373	STAINLESS	25

Transformer Ground Connectors



- For Transformers with 1/2"-13 Tapped Hole
- High Strength High Conductivity Copper Alloy
- Stainless Steel Nuts & Lock Washer

CAT.	CONDUCTO	CONDUCTOR RANGE				
GAT. NO.	MAX	MIN	B OX QTY			
91902	I STR	10 SOL	25			
91904	2/0 STR	8 SOL	25			
91906	250 MCM	6 SOL	5			

Table 250.66 Grounding Electrode Conductor for **Alternating-Current Systems**

Size of Largest Ungrounded
Service-Entrance Conductor or
Equivalent Area for Parallel
Conductorsa (AWG/kcmil)
conductors (critically

Size of Grounding Electrode Conductor

Conductors (AWG/KCIIII)		(AVVG/KCIIII)			
Copper	Aluminum or Copper-Clad Aluminum	Copper	Aluminum or Copper-Clad Aluminum ^b		
2 or smaller	1/0 or smaller	8	6		
1 or 1/0	2/0 or 3/0	6	4		
2/0 or 3/0	4/0 or 250	4	2		
Over 3/0 through 350	Over 250 through 500	2	1/0		
Over 350 through 600	Over 500 through 900	1/0	3/0		
Over 600 through 1100	Over 900 through 1750	2/0	4/0		
Over 1100	Over 1750	3/0	250		

- 1. Where multiple sets of service-entrance conductors are used as permitted in 230.40, Exception No. 2, the equivalent size of the largest service-entrance conductor shall be determined by the largest sum of the areas of the corresponding conductors of each set.
- 2. Where there are no service-entrance conductors, the grounding electrode conductor size shall be determined by the equivalent size of the largest service-entrance conductor required for the load to be

^aThis table also applies to the derived conductors of separately de-

bSee installation restrictions in 250.64(A)

Table 250.122 Minimum Size Equipment Grounding Conductors for Grounding Raceway and Equipment

Rating or Setting of Automatic Overcurrent	Size (AW	/G or kcmil)	
Device in Circuit Ahead of Equipment, Conduit, etc., Not Exceeding (Amperes)	Copper	Aluminum o Copper-Clad Aluminum*	
15	14	12	
20	12	10	
30	10	8	
40	10	8	
60	10	8	
100	8	6	
200	6	4	
300	4	2	
400	3	1	
500	2	1/0	
600	1	2/0	
800	1/0	3/0	
1000	2/0	4/0	
1200	3/0	250	
1600	4/0	350	
2000	250	400	
2500	350	600	
3000	400	600	
4000	500	800	
5000	700	1200	
6000	800	1200	

Note: Where necessary to comply with 250.4(A)(5) or (B)(4), the equipment grounding conductor shall be sized larger than given in this

*See installation restrictions in 250.120.

Copper Ground Clamps - U Bolt - 1 Conductor

- U-Bolt Style Clamp
- For Connecting 1 Ground Wire Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- Use with Continuous Ground Loops
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or



DIMENSIONS = INCHES

NO. SIZE SIZE MIN MAX WIDTH HEIGHT THREAD QTY 91732 5/8 0R 3/4 1/2 8 SOL 4 STR 2 2-7/16 3/8 X 16 5 91733 5/8 0R 3/4 1/2 4 SOL 2/0 STR 2 2-7/16 3/8 X 16 5 91734 5/8 0R 3/4 1/2 2/0 SOL 250 MCM 2-1/16 2-3/4 3/8 X 16 5 91735 7/8 0R I 1/2 0R 3/4 4 SOL 2/0 STR 2-1/4 3 3/8 X 16 5	CAT.	ROD	PIPE	WIRE	RANGE		DIMENSIONS		BOX
91733 5/8 0R 3/4 1/2 4 SOL 2/0 STR 2 2-7/16 3/8 X 16 5 91734 5/8 0R 3/4 1/2 2/0 SOL 250 MCM 2-1/16 2-3/4 3/8 X 16 5 91735 7/8 0R I 1/2 0R 3/4 4 SOL 2/0 STR 2-1/4 3 3/8 X 16 5	NO.	SIZE	SIZE	MIN	MAX	WIDTH	HEIGHT	THREAD	ŌТŸ
91734 5/8 0R 3/4 1/2 2/0 SOL 250 MCM 2-1/16 2-3/4 3/8 X 16 5 91735 7/8 0R I 1/2 0R 3/4 4 SOL 2/0 STR 2-1/4 3 3/8 X 16 5	91732	5/8 OR 3/4	1/2	8 SOL	4 STR	2	2-7/16	3/8 X I6	5
91735 7/8 OR I 1/2 OR 3/4 4 SOL 2/0 STR 2-1/4 3 3/8 X I6 5	91733	5/8 OR 3/4	1/2	4 SOL	2/0 STR	2	2-7/16	3/8 X I6	5
	91734	5/8 OR 3/4	1/2	2/0 SOL	250 MCM	2-1/16	2-3/4	3/8 X I6	5
91736 7/8 OR I 1/2 OR 3/4 2/0 SOI 250 MCM 2-5/16 3-3/16 3/8 X 16 5	91735	7/8 OR I	1/2 OR 3/4	4 SOL	2/0 STR	2-1/4	3	3/8 X I6	5
01700 170 0111 172 011074 270 002 200 11011 2 0710 0 0710 0 070110	91736	7/8 OR I	1/2 OR 3/4	2/0 SOL	250 MCM	2-5/16	3-3/16	3/8 X I6	5
91737 - I 4 SOL 2/0 STR 2-9/16 3-3/16 3/8 X 16 5	91737	-	1	4 SOL	2/0 STR	2-9/16	3-3/16	3/8 X I6	5
91738 - I 2/O SOL 250 MCM 2-9/16 3-3/16 3/8 X 16 5	91738	-	1	2/0 SOL	250 MCM	2-9/16	3-3/16	3/8 X I6	5
91740 - I-1/4 4 SOL 250 MCM 3 3-1/2 3/8 X I6 5	91740	-	1-1/4	4 SOL	250 MCM	3	3-1/2	3/8 X I6	5
91742 - I-I/2 4 SOL 250 MCM 3-I/4 4 3/8 X I6 5	91742	-	1-1/2	4 SOL	250 MCM	3-1/4	4	3/8 X I6	5
91744 - 2 4 SOL 250 MCM 3-3/4 4-3/8 3/8 X I6 5	91744	-	2	4 SOL	250 MCM	3-3/4	4-3/8	3/8 X I6	5
91746 - 2-1/2 4 SOL 250 MCM 4-1/4 5 3/8 X 16 5	91746	-	2-1/2	4 SOL	250 MCM	4-1/4	5	3/8 X I6	5
91748 - 3 4 SOL 250 MCM 4-7/8 5-5/8 3/8 X 16 5	91748	-	3	4 SOL	250 MCM	4-7/8	5-5/8	3/8 X I6	5
91750 - 3-1/2 4 SOL 250 MCM 5-3/8 6-1/4 3/8 X 16 5	91750	-	3-1/2	4 SOL	250 MCM	5-3/8	6-1/4	3/8 X I6	5

Copper Ground Clamps - U Bolt - 2 Conductor

- U-Bolt Style Clamp
- For Connecting 2 Ground Wires Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- Use with Continuous Ground Loops
- Cast of High Strength High Conductivity Copper Allov
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete





DIMENSIONS = INCHES

CAT.	CAT. PIPE		WIRE RANGE		DIMENSIONS		
NO.	SIZE	MIN	MAX	WIDTH	HEIGHT	THREAD	BOX QTY
91752		4 SOL	250 MCM	2-5/8	3-3/8	3/8-16	5
91756	1-1/2	4 SOL	250 MCM	3-1/4	4	3/8-16	5
91758	2	4 SOL	250 MCM	3-3/4	4-3/8	3/8-16	5
91760	2-1/2	4 SOL	250 MCM	4-1/4	5	3/8-16	5
91762	3	4 SOL	250 MCM	4-7/8	5-5/8	3/8-16	5
91764	3-1/2	4 SOL	250 MCM	5-3/8	6-1/4	3/8-16	5

Copper Ground Clamps - U Bolt - 3 Conductor

- U-Bolt Style Clamp
- For Connecting 3 Ground Wires Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- Use with Continuous Ground Loops
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete





DIMENSIONS = INCHES

CAT.	CAT. PIPE W		MAX	DIMEN	BOX	
NO.	SIZE	MIN	МАЛ	WIDTH	HEIGHT	QΤΎ
91766	1/4	4 SOL	250 MCM	3-5/8	2-3/4	5
91767	3/8	4 SOL	250 MCM	3-1/2	3	5
91768	1/2 OR 3/4	4 SOL	250 MCM	3-7/8	3-3/8	5
91769	I	4 SOL	250 MCM	4-1/8	3-1/2	5
91770	1-1/4	4 SOL	250 MCM	4-1/2	3-7/8	5
91771	1-1/2	4 SOL	250 MCM	4-3/4	4-1/4	5
91772	2	4 SOL	250 MCM	5-1/4	5	5
91773	2-1/2	4 SOL	250 MCM	5-7/8	5-1/4	5
91774	3	4 SOL	250 MCM	6-3/8	5-3/4	5
91775	3-1/2	4 SOL	250 MCM	6-3/4	6-3/8	5
91776	4	4 SOL	250 MCM	7-1/4	6-3/4	5

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Ground/Neutral Bars







- Copper & Aluminum Neutral & Ground Bars
- Aluminum Bars are made from 6060-T6 Tin-Plated
- Aluminum Bars are Dual Rated for Copper or Aluminum
- Copper Bars are Rated for Copper Conductors Only
- Available from 2 Circuit to 190 Circuit Configurations
- Range Taking
- **-** 600V

DIMENSIONS = INCHES

CAT. No.	MATERIAL	WIRE RANGE	NO. OF CIRCUITS	TOTAL NO. Holes	LENGTH	HEIGHT	WIDTH	HOLE Spacing	MOUNT HOLE POSITION	BOX QTY
				ļ.	LUMINUM					
91130	ALUMINUM	#14-#4	2	3	.95	.44	.31	.312	2	100
91131	ALUMINUM	#14-#4	4	5	1.57	.44	.31	.312	3	100
91132	ALUMINUM	#14-#4	5	6	1.88	.44	.31	.312	3	100
91133	ALUMINUM	#14-#4	6	7	2.25	.44	.31	.312	4	100
91134	ALUMINUM	#14-#4	4	6	1.88	.44	.31	.312	1 & 4	100
91135	ALUMINUM	#14-#4	5	7	2.25	.44	.31	.312	1&7	100
91136	ALUMINUM	#14-#4	5	7	2.25	.44	.31	.312	2 & 6	100
91137	ALUMINUM	#14-#4	6	8	2.56	.44	.31	.312	4&7	100
91138	ALUMINUM	#14-#4	7	9	2.87	.44	.31	.312	3&7	100
91139	ALUMINUM	#14-#4	9	11	3.50	.44	.31	.312	1811	50
91140	ALUMINUM	#14-#4	10	12	3.81	.44	.31	.312	1 & 12	50
91141	ALUMINUM	#14-#4	12	14	4.43	.44	.31	.312	1 & 14	50
91142	ALUMINUM	#14-#4	15	17	5.37	.44	.31	.312	1 & 17	50
91143	ALUMINUM	#14-#4	20	22	6.93	.44	.31	.312	1 & 22	50
91144	ALUMINUM	#14-#4	190	190	60.0	.44	.31	.312	-	10
91145	ALUMINUM	#14-#2	10	12	4.12	.50	.38	.34	3 & 11	50
91146	ALUMINUM	#14-2/0	2	3	1.75	.75	.56	.60	2	25
91147	ALUMINUM	#14-2/0	3	5	2.95	.75	.56	.60	2 & 4	25
91148	ALUMINUM	#14-2/0	6	8	4.75	.75	.56	.60	188	25
					COPPER					
91152	COPPER	#14-#4	4	6	1.94	.44	.31	.312	1 & 6	100
91153	COPPER	#14-#4	5	7	2.25	.44	.31	.312	1&7	100
91154	COPPER	#14-#4	6	8	2.56	.44	.31	.312	188	100
91155	COPPER	#14-#4	12	14	4.43	.44	.31	.312	1 & 14	50
91156	COPPER	#14-#4	13	15	4.74	.44	.31	.312	3 & 13	50
91157	COPPER	#14-#4	13	15	4.74	.44	.31	.312	6 & II	50
91158	COPPER	#14-#4	190	190	60.0	.44	.31	.312	-	10
91159	COPPER	#14-#2	3	5	2.00	.50	.38	.397	1&5	50
91160	COPPER	#14-#2	6	8	3.25	.50	.38	.397	2 & 7	50

Ground/Neutral Bars









CAT. No.	MATERIAL	WIRE RANGE	NO. OF CIRCUITS	TOTAL NO. Holes	LENGTH	HEIGHT	WIDTH	HOLE SPACING	моф	BOX QTY
	ALUMINUM									
95180	ALUMINUM	#14-#6	4	6	2.80	.50	.37	.312	1	480
	COPPER									
95190	COPPER	#14-#6	4	6	2.80	.50	.37	.312	1	320

Multi-Combination Ground/Neutral Bars



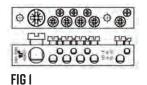
- Aluminum Neutral & Ground Bars Multiple Wire Combinations
- Aluminum Bars are made from 6060-T6 Tin-Plated Aluminum
- Aluminum Bars are Dual Rated for Copper or Aluminum
- Available from 2 Circuit to 6 Circuit Feed & 5 Circuit to 17 Circuit Tap Configurations
- Range Taking
- 600V; 90°C
- UL 486A Listed
- Available in custom configurations upon request consult





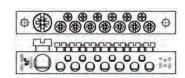
DIMENSIONS = INCHES

CAT.	NUMB	ER OF CIRCUTS	LENGTH	WIDTH	ИГІОИТ	BOX QTY
NO.	I/O-14 AWG	6-14 AWG	- LENGTH	WIDTH	HEIGHT	
95195	2	5	2.29	.375	.625	400
95197	3	8	3.44	.375	.625	240
95199	4	II	4.63	.375	.625	200
95201	6	17	7.00	.375	.625	210

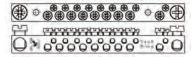




- Aluminum Neutral & Ground Bars -Multiple Wire Combinations
- Aluminum Bars are made from 6060-T6 Tin-Plated Aluminum
- Aluminum Bars are Dual Rated for Copper or Aluminum Conductors
- Screw Material: SAE1008 Zinc Plated Steel
- 600V; 90°C
- UL Recognized 486B









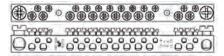




FIG 4

CAT.	FIG	CONDUCTOR CO	CONDUCTOR	TOTAL NOS OF Hole For	DIMENSIONS			BOX
NO.	riu	ENTRY HOLE	RANGE	CONDUCTOR	LENGTH	WIDTH	HEIGHT	ŌΤŸ
95205	I	B C D	2 8 10 & 12	 5 4	3.00	0.50	0.50	280
95207	2	B C D	2 8 10 & 12	 7 6	3.53	0.50	0.50	240
95209	3	A B C D	1/0 2 8 10 & 12	 	4.86	0.50	0.50	160
95211	4	A B C D	1/0 2 8 10 & 12	 2 2	5.88	0.50	0.50	160

Flexible Braided Jumper Straps



- Used wherever it is necessary to bridge expansion gaps, allow for misalignment or absorb vibration between moving parts
- To maintain continuity of ground electrode
- Prevent breakage of insulators, bushings or equipment due to misalignment during settling of substation foundations
- Manufactured from highly conductive extra flexible tinned copper braid flattened into a rectangular shape for greater flexibility
- Mounting pads on ends are made from tin-plated pure electrolytic copper for superior surface contact area

DIMENSIONS = INCHES

CAT.	LENOTH	AMP RATING		APPROXIMATE	TUUVNEOO	PAD HOLE	ВОХ
NO.	LENGTH	INDOOR	OUTDOOR	CIRCULAR MILS	THICKNESS	SIZE	ŌТŸ
91620	12"	330	400	154,500	1/4"	I-I/2 X 9/I6	10

Flexible Ground Braids



- Use for continuing the fault-carrying capacity of the cable shield for Bonding or Grounding Jumpers
- Use for shield & lead-sheath grounding, and is easily soldered to lead, copper & tinned metals
- Use to absorb expansion, misalignment, motion, or vibration of equipment
- Manufactured from high conductivity, woven process, annealed, tinned copper wire
- Use Multiple Layers to increase ampacity

DIMENSIONS = INCHES

CAT. No.	WIDTH	LENGTH	EQUIVALENT AWG SIZE	BOX QTY
91630	3/8"	100'	9 AWG	10
91640	1/2"	100'	6 AWG	10

Green Grounding Pigtails





- FIG 2
- Solid Green 12 Gauge Wire Attached 10/32 x 3/8" Ground Screw with Easy-Start Tip

CAT. No.	FIG	SIZE	BOX QTY
30774	1	6-1/2" WITH 10/32 X 3/8 SCREW & END STRIPPED 5/8"	100
30775	2	8" WITH 10/32 X 3/8 GROUND SCREW & #10 FORK TERMINAL	100

Green Grounding Screws



- For Grounding of Switch & Outlet Boxes
- Hex Washer Head Slotted/Phillips 10/32 x 3/8" Easy-Start Tip

CAT NO.	DESCRIPTION	BOX QTY
30772	10/32 X 3/8 GROUNDING SCREW	100
	10/32 X 3/8 GROUNDING SCREW	100

Green Grounding Clips



Used with #10, #12, or #14 Copper or Aluminum Grounding Wire

CAT NO.	DESCRIPTION	BOX QTY
30773	GREEN GROUNDING CLIP	100