

TEMPORARY PROTECTIVE GROUNDING EQUIPMENT ACCESSORIES



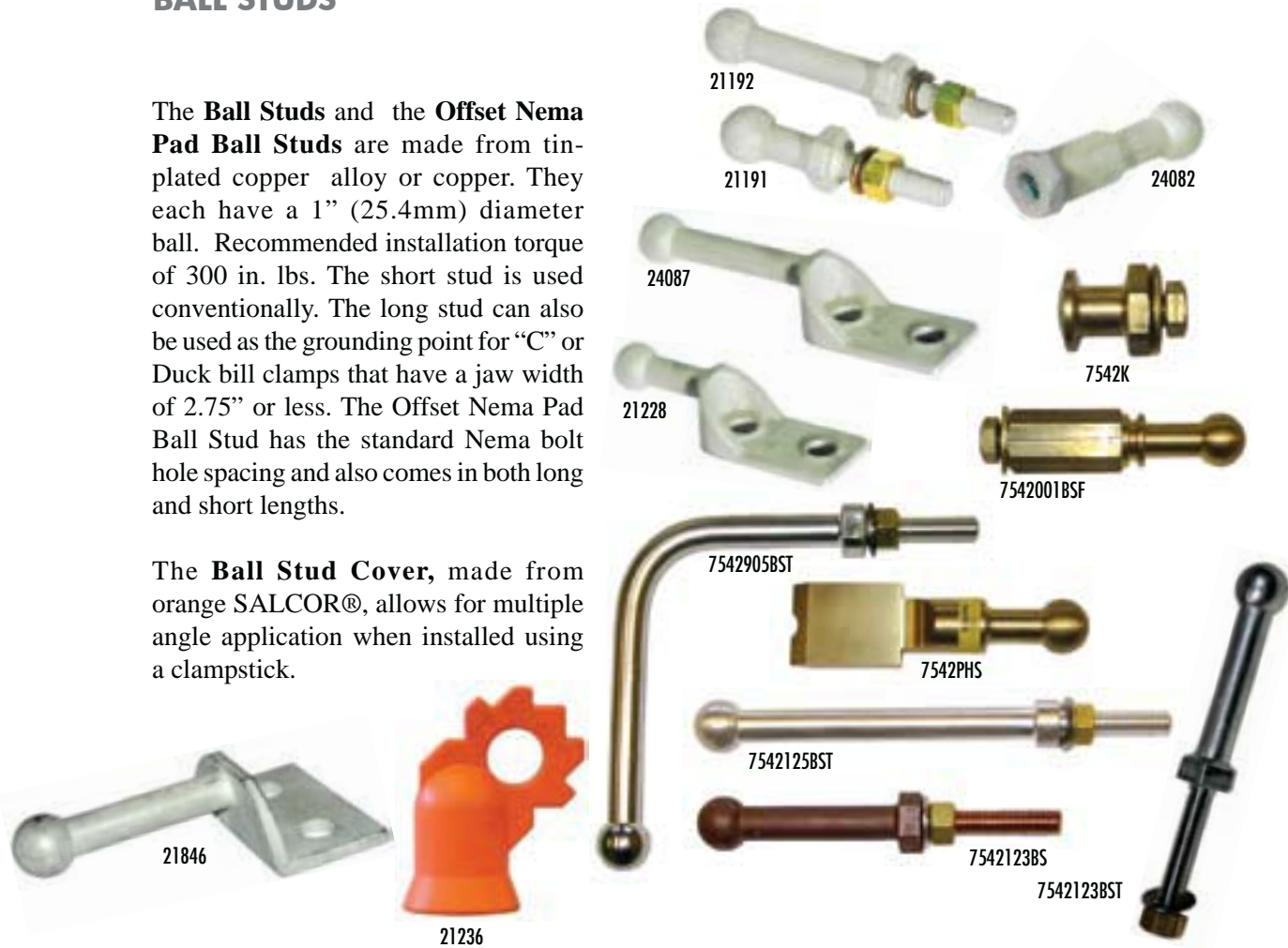
TEMPORARY PROTECTIVE GROUNDING EQUIPMENT ACCESSORIES

BALL & SOCKET SYSTEM

BALL STUDS

The **Ball Studs** and the **Offset Nema Pad Ball Studs** are made from tin-plated copper alloy or copper. They each have a 1" (25.4mm) diameter ball. Recommended installation torque of 300 in. lbs. The short stud is used conventionally. The long stud can also be used as the grounding point for "C" or Duck bill clamps that have a jaw width of 2.75" or less. The Offset Nema Pad Ball Stud has the standard Nema bolt hole spacing and also comes in both long and short lengths.

The **Ball Stud Cover**, made from orange SALCOR®, allows for multiple angle application when installed using a clampstick.



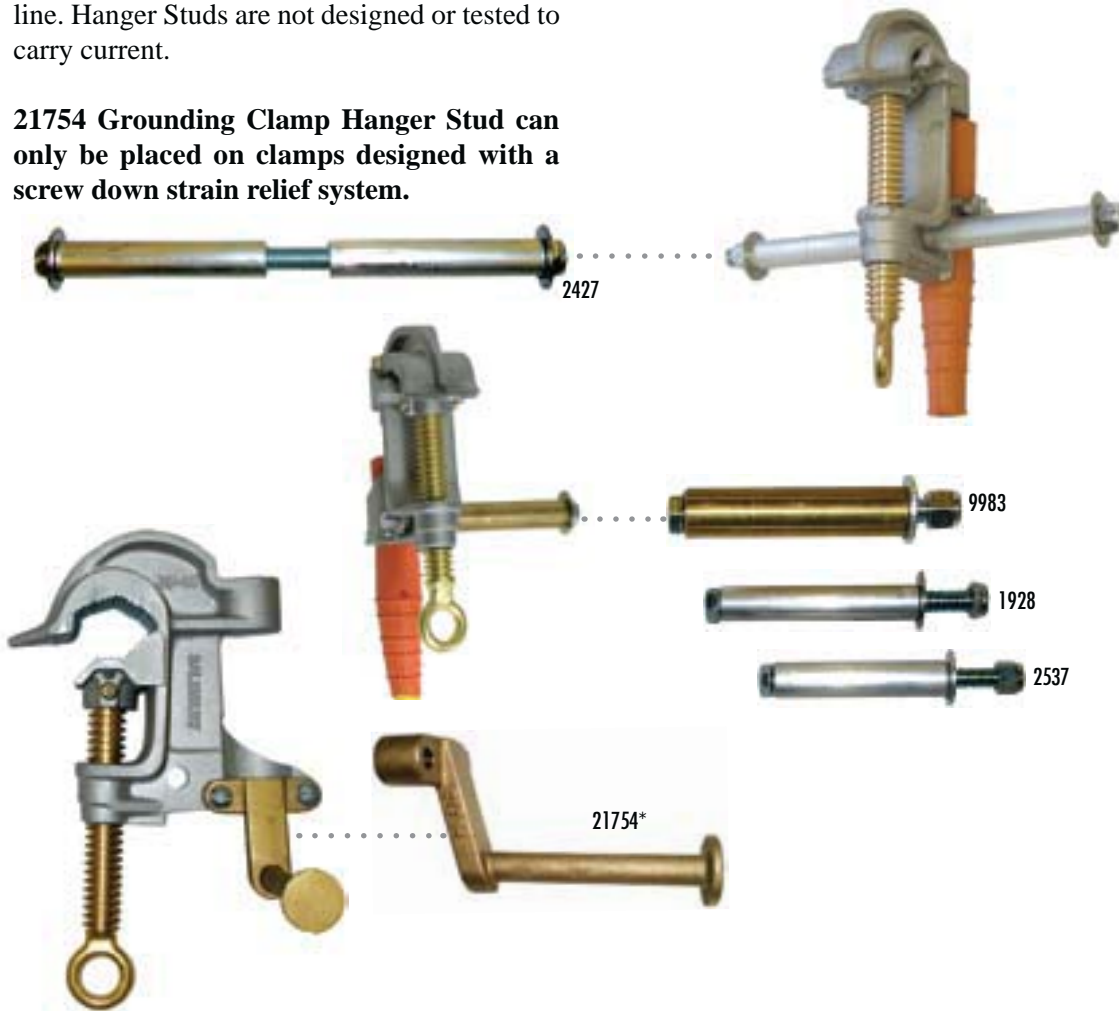
Cat. No.	Description	Dimensions in. (mm)			ASTM Grade	Weight ea. lbs. (kgs)
		OAL	Thread	Shank		
Thread Size - 1/2" - 13 UNC - 2A						
21191	Ball Stud Short, Tin-Plated Copper Alloy	4.38 (111)	2.12 (54)	1 (25)	5	.53 (.23)
7542121BS	Ball Stud, Copper Alloy	4.7 (119)	2.25 (57)	1 (25)	5	9 (16)
21192	Ball Stud Long, Tin-Plated Copper Alloy	6.13 (156)	2.12 (54)	2.75 (70)	5	.81 (.37)
7542123BST	Ball Stud, Tin-Plated Copper Alloy	6.78 (172)	2.5 (64)	2.875 (73)	5	13 (23)
7542123BS	Ball Stud, Copper Alloy	6.78 (172)	2.5 (64)	2.875 (73)	5	13 (23)
7542125BST	Ball Stud, Tin-Plated Copper Alloy	9 (229)	2.12 (54)	5.5 (140)	5	16 (28)
7542905BS	90° Ball Stud, Copper Alloy	7 (178) x 5.2 (132)	2.12 (54)	5.5 (140), 2 (51)	3	20 (35)
7542905BST	90° Ball Stud, Tin-Plated Copper Alloy	7 (178) x 5.2 (132)	2.12 (54)	5.5 (140), 2 (51)	3	20 (35)
Thread Size - 3/8" - 16 UNC - 2A						
7542385BST	Ball Stud, Tin-Plated Copper Alloy	9 (229)	2.12 (54)	5.5 (140)	5	16 (28)
NEMA Pads and Pothead Stud						
21846	90° Offset NEMA Pad, Tin-Plated Copper Alloy	5.75 (147)	-	2.7 (69)	5	1 (.45)
21228	Offset NEMA Pad Short, Tin-Plated Copper Alloy	5.14 (131)	-	1 (25)	5	.84 (.38)
24087	Offset NEMA Pad Long, Tin-Plated Copper Alloy	6.9 (175)	-	2.7 (69)	5	1 (.45)
7542PHS	Pothead Stud, Spade, Brass	5.4 (137)	-	-	2	14 (25)
Internal Thread - 1/2" - 13 UNC - 2A						
24082	Internal Thread Ball Stud, Tin-Plated Copper Alloy	3.85 (98)	1.5 (38)	.75 (19)	5	.54 (.25)
7542K	3/4" Ground Knob, Brass	1.4 (36)	1 (25)	.75 (19)	3	6 (11)
7542001BSF	Female Ball Stud, Brass	-	1.5 (38)	1 (25)	2	14 (25)
21236	Cover for Ball Stud	3 (76)	n / a	n / a	n / a	.09 (.04)

SALISBURY by Honeywell

GROUNDING CLAMP HANGER STUDS

Hanger Studs are designed to be used with all “C” and Duck Bill ground clamps. Hanger Studs are used to hold one clamp of a set while the other is being installed on the de-energized line. Hanger Studs are not designed or tested to carry current.

21754 Grounding Clamp Hanger Stud can only be placed on clamps designed with a screw down strain relief system.



Cat. No.	Stud	For Use With	Weight ea. lbs. (kgs)
1858	Hanger	Aluminum Duck Bill 1", 1.25", 1.66"	.5 (.2)
1928	Hanger	Aluminum "C" Clamps 1.25", 1.5", 2.4", 3.5"	.5 (.2)
2427	Double Hanger	Aluminum "C" Clamps 1.25", 1.5", 2.4", 3.5"	.5 (.2)
2537	Hanger	Aluminum "C" Clamps 1"	.5 (.2)
2093	Hanger	556 Bronze Duck Bill, 477 Brz. "C"Clamp	.5 (.2)
9983	Hanger	Brass 1", 1.25", 2.4" "C"Clamps	.5 (.2)
21754*	Hanger	Bronze 1", 1.25", 2.4" "C"Clamps	.5 (.2)

***For use with only Plain Ferule Clamps and Threaded Ferule Clamps with a screw down strain relief restraint system.**

ADAPTERS & TRUCK GROUNDING REEL

The “**T**” **Handle Adapter** allows the user to quickly and easily change an eye screw into a “T” handle screw.

Adapters are used on any pin type ground clamps. Meets ASTM F-855 Grade 5 specifications. Maximum fault duty is 43 kA for 15 cycles.

Cat. No.	Weight lbs. (kgs)
“T” HANDLE ADAPTER	
760001HDL	0.5 (0.21)

Cat. No.	Description	Weight lbs. (kgs)
ADAPTERS		
7300ABC	Pin to Threaded Adapter	0.5 (0.21)
7310G	Eye Bolt Assembly	0.5 (0.21)
7300AET	Pin to Threaded Adapter	0.5 (0.21)



Truck Grounding Reels are designed to provide a secure and efficient way to ground trucks and equipment when working on or near energized lines. Bolt-down design allows easy removal of reels for installation on vehicles. Heavy duty construction for rugged field use. Independently tested to 14.5 kA for 30 cycles. Reels with factory installed cable include 6-foot equal gauge and frame bonding jumper. Other end must be attached to frame of



Cat. No.	Cable Length	Cable Size	Fault Duty 15 CYCLES	ASTM F-855 Grade	Weight lbs. (kgs)
TRUCK GROUNDING REEL SPRING REWIND, 760001E Clamp					
HSCR0240	40' (12.2 m)	#2	14.5 kA	1	39 (17.7)
HSCR0250	50' (15.2 m)	#2	14.5 kA	1	42 (19.0)
HSCR1040	40' (12.2 m)	1/0	21 kA	2	48 (21.7)
HSCR1050	50' (15.2 m)	1/0	21 kA	2	53 (24.0)
TRUCK GROUNDING REEL HAND REWIND, 760001E Clamp					
HCR0240	40' (12.2 m)	#2	14.5 kA	1	36 (16.3)
HCR0250	50' (15.2 m)	#2	14.5 kA	1	39 (17.7)
HCR1040	40' (12.2 m)	1/0	21 kA	2	46 (20.8)
HCR1050	50' (15.2 m)	1/0	21 kA	2	51 (23.1)
REELS WITHOUT CABLE					
HSCR1	Reel only, spring rewind		21 kA	2	27 (12.2)
HCR1	Reel only, hand rewind		21 kA	2	25 (11.3)
HC1	Reel storage only, hand rewind		N/A	N/A	26 (11.8)

vehicle.

NOTE:

- Model HSCR1, with spring rewind, will store and operate with a maximum of 60 feet (18.3 m) of #2 cable and 50 feet (15.2 m) of 1/0 cable.
- Reel models HCR1 and HC1 will store a maximum length of 150 feet (45.8 m) of #2 cable and 85 feet (25.9 m) of 1/0 cable.
- To order factory installed cable of lengths different than shown above, give reel model number and length of cable required. Lengths should not exceed maximum operating and storage capacities.
- The use of 2/0 and 4/0 cable is not recommended since the fault duty rating of these cables exceeds that of the truck grounding reel.

GROUNDING ACCESSORIES

Pole Mounted Contact Bars are designed to act as a convenient common point for electrical connections and also as a hanger for grounding sets during installation and removal. Supplied with a chain and an adjustable wheel binder that will accommodate most common pole diameters. Catalog #20880 has one 5/8-11UNC tapped hole for the permanent connection of a ground lead. The Salisbury 21840 is a lighter-weight pole mounted contact bar.

The **Pole Band** is lightweight and easy to install. It is a required component of equipotential zone grounding systems.

Truck Grounding Kit contains 2/0 cable, 24 inches (61 cm) long, with a chassis/frame attachment on one end and a grounding stud on the other for Cat. No. 7542TGK. Brings body and chassis to the same ground potential. Other lengths are available. Meets ASTM F-855 Grade 3 specifications.

The Salisbury 2103 **Screw Type Temporary Ground Rod** is used when an adequate system ground is not available. The design incorporates a copperweld rod with bronze fittings screwed and pinned on both ends. The terminal on the handle is designed to accept cables equipped with a 5/8-11 UNC threaded ferrule. As an alternative, a “C” clamp may also be attached directly to the ground rod shaft.



Cat. No.	ASTM Grade	Description	Weight ea. lbs. (kgs)
Pole Mounted Contact Bars			
9998	5	Contact Bar No Connection 40" Chain w/ Adjustable Wheel Binder	9.1 (4.1)
21840	5	Contact Bar No Connection 40" Chain w/ Adjustable Wheel Binder	7 (3.3)
20880	5	Contact Bar One Connection 40" Chain w/ Adjustable Wheel Binder	9.1 (4.1)

SCREW GROUND ROD			
2103		75" (1.9m) long	8 (3.6)

Cat. No.	Description	Fault Duty 15 Cycles	Grade	Weight lbs. (kgs)
POLE BAND				
760001PB	Aluminum Bar	27 kA	3	4 (1.81)
760045PB	Copper Bar	43 kA	5	5 (2.27)

Cat. No.	Description	Weight lbs. (kgs)
TRUCK GROUNDING KIT		
7542TGK	Truck Grounding Kit w/ Stud	2 (0.91)
7542TGKLS	Truck Grounding Kit w/o Stud	1.5 (0.68)

CONDUCTOR & CLEANING TOOLS

Tubular Brushes are preferred when rubber gloving or working on de-energized conductors. The steel bristles are internal to prevent damaging rubber gloves. The 2.5" tubular brush is used in confined areas such as between two connectors or clamps.

The **"V" Type Wire Brushes** are available with epoxy-coated handle or universal attachment that can be used with hot sticks. Replacement brushes are available.



Cat. No.	Description in. (mm)	Weight ea. lbs. (kgs)
4108	Universal Tubular	1.3 (0.6)
4110	5" (127) Tubular	0.4 (0.2)
4111	Universal "V" Line Cleaner	1 (0.5)
4112	"V" Type handle w/ brushes	1.2 (0.6)
4113	"V" Type carton of 10 replacement brushes	3 (1.4)
4337	2.5" (63.5) Tubular	0.2 (0.1)

GROUND ELBOW & ACCESSORIES

200 AMP & 600 AMP

The **200 AMP Ground Elbow with Connections** may be used on single phase or three phase installations. Grounding sets come complete with extra flexible cable and connections. Elbows are rated for a maximum fault current of 10,000 amps for 10 cycles. All the clamps come with grip-all eyes for use with a clampstick.

The **200 AMP Elbow Connector Tool** is designed to fit all the 15kV and 25 kV rated loadbreak and non-loadbreak elbows. The jaws are contoured to provide a positive grip and not interfere with the contact interface area, allowing the elbow to operate properly while connecting or disconnecting.

The **600 AMP Elbow Connector Tool** is designed to fit all the 15kV and 25 kV rated loadbreak and non-loadbreak elbows. The jaws are contoured to provide a positive grip and not interfere with the contact interface area, allowing the elbow to operate properly while connecting or disconnecting.

The **Insulated Elbow Remover** is used by inserting a hook in the loop on the back of any elbow while applying a hammering action. This tool can also be used to seal elbows when installing them. Other lengths available.



764150015LGE



9206GAS



9202HQ

Cat. No.	Description	Weight lbs. (kgs)
200 AMP GROUND ELBOW WITH CONNECTIONS		
Dead Break		
764015GE	15 kV	1 (0.45)
Load Break		
764150015LGE	15 kV	1 (0.45)
764150025LGE	25/35 kV Small Interface	2 (0.91)

Cat. No.	Description	Weight lbs. (kgs)
200 AMP ELBOW CONNECTOR TOOL		
9202Q	Quick Change Fitting	2 (0.91)
9202U	Universal Fitting	2 (0.91)
9202GA	Grip-All Fitting	2 (0.91)
600 AMP ELBOW CONNECTOR TOOL		
9206Q	Quick Change	2 (0.91)
9206U	Universal	2 (0.91)
9206GA	Grip-All	2 (0.91)
9206GAS	With Insert Pair for 200 AMP Elbows	2 (0.91)
9202I	Insert Pair	8 (0.22)

Cat. No.	Description	Weight lbs. (kgs)
INSULATED ELBOW REMOVER		
9204HIP	4' (1.22 m) with 9202HQ	10 (4.53)
9206HIP	6' (1.83 m) with 9202HQ	11 (4.99)
9208HIP	8' (2.44 m) with 9202HQ	12 (5.44)
Parts		
9202HQ	Elbow Remover Head with Quick Change	2 (0.91)
9202HPQ	Impact Hammer with Quick Change	6 (2.72)
12524HH	Insulated Stick for 2' (0.61 m) Remover	2 (0.91)
12548HH	Insulated Stick for 4' (1.22 m) Remover	3 (1.36)
12572HH	Insulated Stick for 6' (1.83 m) Remover	4 (1.81)

UNDERGROUND GROUNDING STUDS

The 1712 and 1725 grounding stud series are used for grounding when the fault duty on the 600 amp Deadbreak elbow/ “T” body exceeds the rating of a 200 amp grounding elbow, as rated by IEEE 386 @ 10kA for 10 cycles. Grounding studs consist of a 10” conductor stud with male or female threads for replacing 200 amp bushing wells and/or insulating plugs and a ground clamp bar for use with regular grounding jumper assemblies. After the cable has been proven de-energized, the stud is installed and a ground is applied.

The **1725001** grounding stud is made of 7/8” diameter copper with a 5/8-11 female thread on one end and a 1” (2.5 cm) hex drive on the other end. This stud is fitted with a tapered guide and a 3/8” diameter copper cross bar perch used for installing the ground. A socket drive is used for installation. For application, use catalog number 5900CS captured socket.

The **17250003**, **17250004**, and **17250005** are steel grounding plugs and studs with one 5/8” diameter perch. The perch has a sturdy lip to ensure clamp contact during faults. These models are supplied with grip-all attachments for application with insulated clampstick tools and connectors. These studs are used for grounding equipment such as non load-break connectors or power distribution connectors.

The **1735** grounding stud is made of 7/8” diameter copper with a 5/8-11 female thread on one end and a 1” (2.5 cm) hex drive on the other end for application with a socket drive. The cross bar perch is 3/4” diameter copper, providing heavy duty service. This ground plug also comes equipped with a tapered guide and the yellow protective cap.



Cat. No.	Description	Threads	Material (Stud)	ASTM F855		Weight lbs. (kgs)
				Grade	Fault Duty 15 Cycles	
UNDERGROUND GROUNDING STUDS						
1725001	Copper Electrode, Female, Hex Drive, w/Guide	5/8-11 (F)	Cu	1	17 kA	2.2 (1.0)
17250003	Steel Electrode, Male, Grip-All, w/Guide	5/8-11 (M)	Steel	3	27 kA	2.0 (0.9)
17250004	Steel Electrode, Female, Grip-All, w/Guide	5/8-11 (F)	Steel	3	27 kA	2.0 (0.9)
17250005	Steel Electrode, Male, Grip-All	3/4-10 (M)	Steel	3	27 kA	1.8 (0.8)
1735	Copper Electrode, Female, Hex Drive, w/Guide	5/8-11 (F)	Cu	4	35 kA	3.5 (1.6)
5900CS	Captured Socket for 1725001 and 1735					

UNDERGROUND TOOLS & GROUND ADAPTER DEVICE KIT

The **Padmount Switch Hook** is designed to operate the secondary switch on a padmount transformer. Also used as a standard switch hook for cutouts. Weight - 1 lbs. (0.45 kgs).

The **Underground Spanner Wrench** is designed for installing and removing the connector bushing, and reducing bushing inserts. Can be used when the conductor is de-energized, but not grounded. The tool is used one way for installation, and turned over for removal. A universal toggle and spring is used with this tool and should be ordered separately (5900Q). Weight -1 lbs. (0.45 kgs).

The **Plug Installing Tool** is used to install or remove 600 amp reducing plugs. Weight:2 lbs. (0.91 kgs).

The **Ground Adapter Device Kit** enables application of personal grounds up to a 600 amp separable pre-molded component system when used with a clampstick.



190UGU



1720



172300



76174459

Cat. No.	Description
PADMOUNT SWITCH HOOK	
190UGQ	With Quick Change
190UGU	With Universal

Cat. No.	Description
UNDERGROUND SPANNER WRENCH	
1720	For 600 AMP Connector

Cat. No.	Description
PLUG INSTALLING TOOL	
172300	1/2" (1.3cm) Female Square Drive
172300Q	Quick Change

Cat. No.	Description	QTY	Weight lbs. (kgs)
GROUND ADAPTER DEVICE KIT - Non-Load Break			
76174459			15 (6.8)

Each Set Includes The Following:

44C	Ratchet Wrench with Ball and Ring	1	2 (0.91)
5900Q	Universal Toggle and Spring	1	1 (0.45)
5900CS	Captured Socket with Friction Balls	1	8 oz (0.22 kgs)
9206GAS	Elbow Connector Tool with Inserts	1	2.5 (1.1)
1725001	Ground Stud	3	2.5 (1.1)
B1715	Protective Bag with Zipper	1	1 (0.45)

HYDRAULIC CABLE SPIKE

The **Hydraulic Cable Spike** is designed to verify underground cable, up to 1000MCM, is de-energized before cutting, repairing, splicing or replacing.

The cable spike, a solid brass body with a stainless steel piercing tip, is fitted to hydraulic compression tools so that the cable can be accurately spiked from a safe distance. An anodized aluminum insert is included to position the cable precisely.

The **Cable Penetrating Ground Clamp** is designed to be used either as a tool for “spiking” jacketed cable or as a part of a grounding assembly used to bond both ends of an opened cable. The 7/8” long plated steel point is inserted into the eye screw making a low resistant one piece spear. If one point becomes blunted it may be sharpened or replaced with a new spear. Clamps are aluminum body with either smooth or serrated upper jaws. The hard aluminum serrated insert makes optimum contact with the stranded neutral shield.



WARNING: ELECTRIC SHOCK HAZARD
 This tool is not insulated. Use only certified, non-conductive hoses, dielectric fluids, and proper personal protective equipment when using this unit. Failure to do so could result in severe injury or death.

Improves Control, Accuracy and Safety Saves Time Remote Controlled

Adapter fits the following tools:
 Huskie EP610H
 Burndy Y46
 Brock 13-H

Cat. No.	Cable Length ft (m)	Description	Weight ea. lbs. (kgs)
24320	6 (1.8)	Spiking Tool & Grounding Assembly: Cable Spiking Tool & Insert	9.5 (4.3)
24321	8 (2.4)	4388 C Clamp 2139 4/0 Cu Cable	11.2 (5.1)
24322	10 (3)	2025 4/0 Cu Ferrules (Pair) 616 Bag US Patent # 544 7450	12.9 (5.86)
RPT1		Replacement Piercing Tip	1 oz (28 g)

CABLE PENETRATING GROUND CLAMP - Acme Thread - Pointed Lower Jaw			
2607	-	Aluminum 1.5" Opening, Class B, Serrated Jaw	1.7 (.8)
20867	-	Aluminum 2.40" Opening, Class B, Serrated Jaw	2.2 (1)
4290	-	Aluminum 2.40" Opening, Class A, Smooth Jaw	2.1 (1)

HYDRAULIC GROUND, BLADE, & CABLE SPIKE CLAMPS



1715EPP



17150066

Cat. No.	Description	Pump MDL / p.s.i.	Cable Assembly Cable	ASTM Fault / Duty Cycles / Grade	Weight lbs. (kgs)
HYDRAULIC GROUND SPIKE CLAMPS: Clamp Cat. No. 760001E, Spike Depth 1 5/8", Conductor Min. 1" - Max. 3"					
1715EPP	Spike Point w/ Eye Screw	1715PE / 1200	1/0 Clear	14.5kA / 15 / 1	28 (12.7)
17150060EPP	Spike Point w/ Eye-T Screw	1715PE / 1200	1/0 Clear	14.5kA / 15 / 1	28 (12.7)
17150060PFP	Spike Point w/ Eye-T Screw	1715PE / 1200	1/0 Clear	14.5kA / 15 / 1	32 (14.5)
NOTE: Suffix EPP = Enerpac Pump Suffix PFP = Porter Ferguson Pump					

Cat. No.	Pump MDL / p.s.i.	Spike Depth	Conductor Max in. (cm)	Cable Assembly Cable	ASTM Fault / Duty Cycles / Grade	Weight lbs. (kgs)
HYDRAULIC BLADE SPIKE CLAMPS: Spike Blade w/ Eye Screw, Clamp Cat. No. 760001E						
17150063EPP	1715EP25 / 2500	3"	2 1/4 (5.7)	1/0 Clear	14.5kA / 15 / 1	30 (13.6)
17150063PFP	1715PF25 / 2500	3"	2 1/4 (5.7)	1/0 Clear	14.5kA / 15 / 1	34 (15.4)
17150066	1715P392 / 10000	6"	4 1/2 (10.8)	1/0 Clear	14.5kA / 15 / 1	85 (38.6)
NOTE: Suffix EPP = Enerpac Pump Suffix PFP = Porter Ferguson Pump						

HAND OPERATED GROUND SPIKE & HYDRAULIC CUTTER



1712GA



17150050

Cat. No.	Description	Cable Assembly Cable / Clamp Cat. No.	ASTM Fault / Duty Cycles / Grade	Weight lbs. (kgs)	
HAND OPERATED GROUND SPIKE: Spike Depth 1 3/4", Conductor Min. 1" - Max. 3 1/2"					
1712CS	3' FG Hndl, Toggle /GA	1/0 Clear / 760001E	14.5kA / 15 / 1	15 (6.8)	
1712Q	Spike Point w/QC	1/0 Clear / 760001E	14.5kA / 15 / 1	10 (4.5)	
1712U	Spike Point w/U	1/0 Clear / 760001E	14.5kA / 15 / 1	10 (4.5)	
1712GA	Spike Point w/GA	1/0 Clear / 760001E	14.5kA / 15 / 1	10 (4.5)	
Cat. No.	Description	Pump MDL / p.s.i.	Cable Assembly Cable	ASTM Fault / Duty Cycles / Grade	Weight lbs. (kgs)
HYDRAULIC CUTTER SPIKE: Clamp Cat. No. 760001E, Conductor Min. 0" - Max. 3 1/2"					
17150050	Huskie Head	N/A / N/A	#2 Clear	14.5kA / 15 / 1	23 (10.5)
17150050WPH	Huskie Head	1715P392 /10,000	#2 Clear	14.5kA / 15 / 1	52 (23.6)

ACCESSORIES FOR UNDERGROUND SPIKE TOOLS

Cat. No.	Description
Spikes, Blades and Tool Heads	
1710E	Spike Point Complete for 1710
1710F	Spike Blade Complete for 1710
1712E	Carbide Spike Point Only
1715E	Spike Point Complete for 1715
1715GS	Ground Shaft Complete for 1715 (Includes Shaft and Spike Point)
171550SP100A	Huskie Cutter Head Only
Hydraulic Pump Assemblies and Pumps	
1715PE	Enerpac Pump w/ Fittings, 1200 psi
1715P142	Enerpac Pump Only, 1200 psi
1715PE25	Enerpac Pump w/ Fittings, 2500 psi
1715PE14225	Enerpac Pump Only, 2500 psi
1715PE100	Enerpac Pump w/ Fittings, 10000 psi
1715P392	Enerpac Pump Only, 10000 psi
1715PE	Enerpac Pump w/ Fittings, 1200 psi
1715PF	Porter Ferguson Pump w/ Fittings, 1200 psi
1715SM0033	Porter Ferguson Pump Only, 1200 psi
1715PFSD	Porter Ferguson Pump w/ 1/4" Fittings, 1200 psi
1715PF25	Porter Ferguson Pump w/ Fittings, 2500 psi
1715SM003325	Porter Ferguson Pump Only, 2500 psi
Hydraulic Hose Assemblies and Hoses	
1715H	30' Non-conductive Hose w/ Fittings, 3000 psi
1715H1	30' Hose Only, 3000 psi
1715HSD	30' Non-conductive Hose w/ 1/4" Fittings, 3000 psi
1715HSD1	30' Hose Only, 3000 psi
17150066H	30' High Pressure Non-conductive Hose w/ Fittings, 10000 psi
17150066H1	30' High Pressure Hose Only, 10000 psi
Hydraulic Ram Assemblies and Rams	
1715R	Enerpac Ram w/ Fittings, 1 5/8" Stroke
1715RCH121	Enerpac Ram Only, 1 5/8" Stroke
1715RSD	Enerpac Ram w/ 1/4" Fittings, 1 5/8" Stroke
171561RCH123	Enerpac Ram Only, 3" Stroke
17150066R	Enerpac Ram w/ Fittings, 6" Stroke
1715RCH306	Enerpac Ram Only, 6" Stroke
Protective Bags	
B1710	Bag for 1710: 52" x 15" Yellow Vinyl Strap Tie Bag, 4 Tool Compartments, Outer Pocket
B1715	Bag for 1712, 1715, 17150060: 20" x 14" x 5" Yellow Vinyl, Zipper, Outer Pocket, Straps
B17150050	Bag for 17150050, 17150063: 26" x 12" x 8" Yellow Vinyl, Zipper, Outer Pocket, Straps
1370BF1	Storage Box for 17150066: 44" x 12" x 15" Wooden, Hinged, Latched, Forklift Stringers



1710E



1710F



1715GS



1715PF



1715H



B1710