



GREAVES EXCLUSIVE

GROUNDING

Ground-Lok™ CLAMP SYSTEM

SERRATED-HEAD CLAMP ASSEMBLIES

For Direct Burial Grounding and Bonding

Applications include galvanized pipe, rod, tube, fencing, rebar (#6, 3/4 inch and up)
 Suitable for use in harsh environments such as agricultural buildings, swimming pools, food processing, marine, grounding grid
 Serrated adapter head allows full 360° orientation – lock in position with serrated teeth to assure positive lock
 Corrosion-resistant high-strength cast bronze alloy body, copper straps, silicon bronze or stainless steel hardware
 Approved for direct burial in earth or concrete
 Replaces exothermic welding

Direct Burial

Copper wire only
 Continuous Loop

Wire up to #4/0 AWG
 Pipe sizes 1/2" to 6"



LOW-WING™ SYSTEM

Low profile lay-in design for either continuous run or termination applications

G-50DB SERIES

NAED NUMBER	CATALOG NUMBER	WATER PIPE SIZE (IN)	REBAR SIZE		GROUND WIRE	CTN QTY	EST. SHIPPING	
			#	INCH			WEIGHT (lbs)	UNIT
30755	G 150-DB	1/2 - 1	6 - 9	3/4 - 1 1/8	4/0STR-#10SOL	25	12.2	CTN
30765	G 250-DB	1 1/4 - 2	11	1 3/8 - 2 1/4		10	6.8	CTN
30775	G 450-DB	2 1/2 - 4	-	-		2	5.2	CTN
30785	G 650-DB	4 1/2 - 6	-	-		2	3.5	CTN

Not for use on epoxy coated rebar



HIGH-WING™ SYSTEM

Design allows either continuous run or termination applications

G-40DB SERIES

NAED NUMBER	CATALOG NUMBER	WATER PIPE SIZE (IN)	REBAR SIZE		GROUND WIRE	CTN QTY	EST. SHIPPING	
			#	INCH			WEIGHT (lbs)	UNIT
30750	G 140-DB	1/2 - 1	6 - 9	3/4 - 1 1/8	4/0STR-#10SOL	25	12.2	CTN
30760	G 240-DB	1 1/4 - 2	11	1 3/8 - 2 1/4		10	6.73	CTN
30770	G 440-DB	2 1/2 - 4	-	-		2	5.18	CTN
30780	G 640-DB	4 1/2 - 6	-	-		2	3.45	CTN

Not for use on epoxy coated rebar





GROUNDING

2005 NEC Article 250.52(A)(3) requires all “present” grounding electrodes to be bonded together to form a grounding electrode system. “Present” concrete-encased electrodes (re-enforcing bar, or rebar) and/or grounded I-beam must be included in the grounding electrode system. The result is a more effective and reliable grounding system.



Direct Burial
Continuous loop
Copper wire only

REBAR “UFER” GROUNDING CLAMPS

Lay-in feature allows continuous loop wiring
Bronze bodies with bronze or stainless steel hardware
For use in other harsh environments such as swimming pool/spa, agricultural buildings, food processing, marine, communications grid and others
Compared to compression and exothermic methods for rebar “Ufer” grounding and bonding, Greaves mechanical clamps provide fast installation and range-taking capability.
Use to connect wire to rebar. Not for use on epoxy coated rebar.

J-DB SERIES Jones™ Rebar Clamp

NAED NUMBER	CATALOG NUMBER	REBAR SIZE		WIRE RANGE	CTN QTY	EST. SHIPPING	
		#	INCH			WEIGHT (lbs)	UNIT
27101	J 29-DB	3	3/8	#6 SOL - 8 SOL	50	7.5	CTN
27110	J 30-DB	4	1/2	#4 STR - 8 SOL	50	8.5	CTN
27120	J 31-DB	5	5/8	2/0 STR - *6 SOL	25	5.0	CTN
27130	** J 32-DB	4,5,6	1/2,5/8,3/4	4/0 STR - 6 SOL	12	4.3	CTN

Not for use on epoxy-coated rebar
*UL listed for #4 STR - #2 STR
**Not UL listed.

Use to connect wire to galvanized water pipe, rod, tube, fence post, or rebar
Orient head in any direction - lock in position with serrated teeth

G-50DB SERIES LOW-WING™ System

NAED NUMBER	CATALOG NUMBER	REBAR SIZE		WIRE RANGE	CTN QTY	EST. SHIPPING	
		#	INCH			WEIGHT (lbs)	UNIT
30755	G 150-DB	6 - 9	3/4 - 1 1/8	4/0STR - #10SOL	25	12.2	CTN
30765	G 250-DB	11	1 3/8		10	6.8	CTN

G-50DB Series not CSA. Screws are either bronze or stainless steel.

Use to connect wire to rebar or water pipe

GR-DB SERIES Lay-in Rebar Clamp

NAED NUMBER	CATALOG NUMBER	REBAR SIZE		WIRE RANGE	CTN QTY	EST. SHIPPING	
		#	INCH			WEIGHT (lbs)	UNIT
70621	*G 1R-DB	3 - 8	3/8 - 1	#2STR - 10SOL	50	11.6	CTN

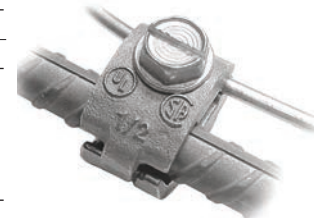
*Not CSA.

Use to connect wire to galvanized water pipe, conduit, rod, tube, fence post, or rebar
Connects wire either parallel or 90° to pipe

C100 SERIES U-Bolt Clamp

NAED NUMBER	CATALOG NUMBER	REBAR SIZE		GROUND WIRE	CTN QTY	EST. SHIPPING	
		#	INCH			WEIGHT (lbs)	UNIT
25020	C 101	3 - 5	3/8 - 5/8			0.48	EA
25080	C 104	4 - 6	1/2 - 3/4			0.54	EA
25160	C 108	7 - 8	7/8 - 1	2/0 - #4	EA	0.49	EA
25260	C 114	7 - 11	7/8 - 1 3/8			0.66	EA
25360	C 120	8 - 12	1 - 1 1/2			0.80	EA

See C100 Series for complete listing of sizes.



R



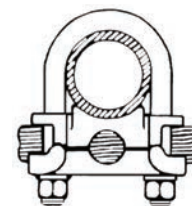
E

B



A

R



Parallel or 90° connection to rod or pipe

2005 NEC 250.52(A)(3) requires bonding all “present” grounding electrodes, including concrete-encased electrodes (Ufer).



GREAVES EXCLUSIVE

POOL and SPA

“Jones Bond™” system

CONTINUOUS LOOP BONDING & GROUNDING

Swimming pools / spas, foundation footings, agricultural buildings and other difficult environments

JONES REBAR CLAMP

Connect grounding electrode conductor to rebar (concrete encased electrode)
 Rugged and compact with no awkward projections - easy coverage in concrete
 Lay-in feature allows continuous-run or termination
 Cast bronze body with stainless steel hardware

The J32-DB handles a range of rebar sizes and wire sizes
 CSA (C US) certified and UL listed for direct burial in earth or concrete

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	REBAR SIZE		CTN QTY	EST. SHIPPING	
			#	INCH		WEIGHT (lbs)	UNIT
27101	J 29-DB	6 SOL - #8	3	3/8	50	7.74	CTN
27110	J 30-DB	4 STR - #8 SOL	4	1/2	50	8.49	CTN
27120	J 31-DB	2/0 STR - *#6 SOL	5	5/8	25	5.66	CTN
27130	**J 32-DB	4/0 STR - #6 SOL	4,5,6	1/2,5/8,3/4	12	4.18	CTN

J-series clamps are designed for bare rebar only
 Do not use on ground rod, pipe, or epoxy-coated rebar
 Installation torque 150 in-lbs
 *UL listed for #4 STR - #2 STR
 **Not UL listed

Rebar Clamp

Direct Burial
 Continuous loop
 Copper wire only



Patent Pending

BEAVER TOOTH LUG

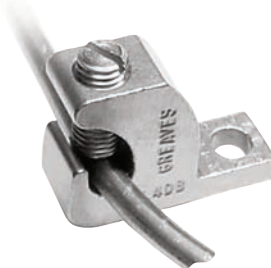
Use on electrical equipment, pool/spa equipment, conduit bushings, jumper to multiple conduits
 Copper body, stainless steel screw, for use with copper wire only

NAED NUMBER	CATALOG NUMBER	WIRE RANGE	BOLT SIZE	CTN QTY	EST. SHIPPING	
					WEIGHT (lbs)	UNIT
27201	BTL 4-DB	#4 -14 AWG	#10	50	3.06	CTN
27202	BTL 4-DBP	#4 -14 AWG	#10	50	3.06	CTN
27205	BTL 414-DB	#4 -14 AWG	1/4	50	3.89	CTN
27206	BTL 414-DBP	#4 -14 AWG	1/4	50	3.89	CTN

DBP is tin-plated for use on aluminum pool structure. Use of oxide-inhibitor is recommended.

Lay-in-Lug

Direct Burial
 Copper wire only



BUGLUGS™

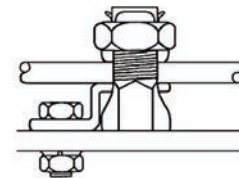
Heavy duty silicon bronze and copper, tin-plated

NAED NUMBER	CATALOG NUMBER	WIRE MAX	MOUNTING BOLT SIZE	CTN QTY	EST. SHIPPING	
					WEIGHT (lbs)	UNIT
70850	BL 6	#6	#10	50	2.92	CTN
70855	BL 4	#4	1/4	50	4.40	CTN
70860	*BL 2	#2	1/4	50	5.80	CTN
70865	*BL 1/0	1/0	5/16	25	5.27	CTN

Tin-plated for use on aluminum pool structure. Use of oxide-inhibitor is recommended. *Not CSA

Lay-in-Lug

Direct Burial
 Copper wire only



MESH-BUG™

Use to connect copper conductor to wire mesh
 Copper-alloy bronze construction
 Sizes available for rolled (#10) and heavy (#6) wire mesh
 UL listed for direct burial in earth and concrete

NAED NUMBER	CATALOG NUMBER	MESH/ WIRE SIZE	COPPER COND. RANGE (AWG)	EST. SHIPPING	
				WEIGHT (lbs)	UNIT
10131	A2-DB	#10	#8 -12 AWG	0.03	CTN
10132	A3-DB	#10	#6 SOL - 8 AWG	0.05	CTN
10241	A5-DB	#6, #10	#4 AWG - 8 SOL	0.06	CTN
10251	A8-DB	#2	#2 - 6 AWG	0.11	CTN
10261	A10-DB	#1/0	#1/0 - 4 AWG	0.16	CTN

Direct Burial
 Copper wire only

