



## CADWELD® PLUS ONE SHOT

The CADWELD® PLUS ONE SHOT produces a permanent exothermic connection to a ground rod that will not loosen, corrode or increase in resistance for the life of the installation. The convenient single-use package makes the connection to the ground rod without a mold or starting material. Thanks to the electronic CADWELD PLUS Control Unit, welds can now be completed up to 6 feet (1.8 meters) away, increasing flexibility in hard-to-reach areas. The new refractory ceramic body utilized with the CADWELD PLUS ONE SHOT system is more durable than conventional ceramic and resists breaking.



### Features

- Easy-to-use electronic ignition. No starting material.
- Durable disposable ceramic body eliminates the graphite mold and frame.
- Produces a permanent connection that will not loosen or corrode.
- NEC® compliant.
- cULus® Listed.

### Applications

The CADWELD PLUS ONE SHOT is ideal for making permanent reliable connections to ground rods for electrical transmission and distribution, telecommunications and cable television applications.

### More Information

CADWELD PLUS ONE SHOT part numbers for type GR (one conductor to ground rod) and type GT (two conductors to ground rod) connections:

GROUND ROD	CONCENTRIC CONDUCTOR		METRIC CONDUCTOR	CADWELD PLUS ONE SHOT PART NUMBER	
	SOL	STR	SQUARE MILLIMETER	TYPE GR	TYPE GT
1/2" (12.7mm)	6, 8	8	8 - 10	GR1141GPLUS	GT1141GPLUS
	3, 4	4, 6	14 - 22	GR1141LPLUS	GT1141LPLUS
	1, 2	2, 3	30 - 38	GR1141VPLUS	GT1141VPLUS
5/8" (14-16mm)	6, 8	8	8 - 10	GR1161GPLUS	GT1161GPLUS
	3, 4	4, 6	14 - 22	GR1161LPLUS	GT1161LPLUS
	1, 2	2, 3	30 - 38	GR1161VPLUS	GT1161VPLUS
	2/0, 1/0	1/0, 1	50 - 60	GR1162CPLUS	GT1162CPLUS
		2/0	70	GR1162GPLUS	GT1162GPLUS
		4/0		GR1162QPLUS	-
3/4" (17-19mm)	6, 8	8	8 - 10	GR1181GPLUS	GT1181GPLUS
	3, 4	4, 6	14 - 22	GR1181LPLUS	GT1181LPLUS
	1, 2	2, 3	30 - 38	GR1181VPLUS	GT1181VPLUS
	2/0, 1/0	1/0, 1	50 - 60	GR1182CPLUS	GT1182CPLUS
		2/0	70	GR1182GPLUS	GT1182GPLUS
		4/0		GR1182QPLUS	-

CADWELD PLUS ONE SHOT part numbers for type NT (three conductors to ground rod) and type NX (four conductors to ground rod) connections:

	CONCENTRIC CONDUCTOR	METRIC	CADWELD PLUS ONE SHOT PART NUMBER
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GROUND ROD			CONDUCTOR		
	SOL	STR	SQUARE MILLIMETER	TYPE NT	TYPE NX
<b>1/2"</b> (12.7mm)	6, 8 3, 4 1, 2	8 4, 6 2, 3	8 - 10 14 - 22 30 - 38	NT1141GPLUS NT1141LPLUS NT1141VPLUS	NX1141GPLUS NX1141LPLUS -
<b>5/8"</b> (14-16mm)	6, 8 3, 4 1, 2 2/0, 1/0	8 4, 6 2, 3 1/0, 1 2/0 4/0	8 - 10 14 - 22 30 - 38 50 - 60 70	NT1161GPLUS NT1161LPLUS NT1161VPLUS	NX1161GPLUS NX1161LPLUS NX1161VPLUS
<b>3/4"</b> (17-19mm)	6, 8 3, 4 1, 2 2/0, 1/0	8 4, 6 2, 3 1/0, 1 2/0 4/0	8 - 10 14 - 22 30 - 38 50 - 60 70	NT1181GPLUS NT1181LPLUS NT1181VPLUS	NX1181GPLUS NX1181LPLUS NX1181VPLUS

The CADWELD PLUS Control Unit, which is required to initiate the reaction, is ordered separately.



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