

Copper-Bonded Ground Rod, Threaded



FEATURES

Cold-rolled threads with continuous, unbroken grain flows preserve copper coating and are stronger than cut threads

99.9% pure electrolytic copper coating

Rods have a high carbon steel core and tip that provide superior strength when driving

Copper coating will not crack when bent or tear when driven

Minimum copper coating of 10 mils on rods listed to UL® 467

nVent ERICO name, length, diameter and part number is roll-stamped within 12" (304,8 mm) of chamfered end

UL logo and control number where applicable stamped on each rod for easy inspection after installation

Tensile Strength: 552 MPa Min
Material: Copper-Bonded Steel



SPECIFICATIONS

Table 1/2

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
631350	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	1.5m	254µm
631303	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	3m	330µm
631300	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	3m	254µm
631360	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	1.8m	254µm
631340	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	1.2m	254µm
631380	Pointed and Chamfered Ends	1/2"	12.8 mm	9/16" UNC	2.4m	254µm

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual(Ø)	ThreadSize (TS)	Length (L)	Plating Thickness
635883	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2.4m	330µm
635880	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2.4m	254µm
635860	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.8m	254µm
635840	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.2m	254µm
6358660	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2m	254µm
635830	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	0.9m	254µm
635870	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	2.1m	254µm
625850	Chamfered (Non-Pointed) End Only	5/8"	14.2 mm	5/8" UNC	1.5m	254µm
635850	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.5m	254µm
635803	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	3m	330µm
635800	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	3m	254µm
635843	Pointed and Chamfered Ends	5/8"	14.2 mm	5/8" UNC	1.2m	330µm
633450	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.5m	254µm
633460	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.8m	254µm

Table 2/2

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
6334330	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1m	254µm
633430	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	0.9m	254µm
633415	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	4.6m	254µm
633463	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.8m	330µm

Catalog Number	Thread Location	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Thread Size (TS)	Length (L)	Plating Thickness
633440	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	1.2m	254µm
633403	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	3m	330µm
633480	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	2.4m	254µm
633400	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	3m	254µm
633470	Pointed and Chamfered Ends	3/4"	17.3 mm	3/4" UNC	2.1m	254µm
634400	Pointed and Chamfered Ends	1"	23.2 mm	1" UNC	3m	254µm

Table 1/2

Catalog Number	Unit Weight	Complies With	Certifications
631350	1.6 kg		
631303	3.2 kg	ANSI®/NEMA® GR1	cUL, UL
631300	3.1 kg	ANSI®/NEMA® GR1	CSA-US, CSA, UL, cUL
631360	1.9 kg		
631340	1.2 kg		
631380	2.4 kg	ANSI®/NEMA® GR1	UL
635883	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635880	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635860	2.3 kg	IEC® EN 62561-2	
635840	1.5 kg	IEC® EN 62561-2	
6358660	2.48 kg	IEC® EN 62561-2	
635830	1.2 kg	IEC® EN 62561-2	
635870	2.9 kg	IEC® EN 62561-2	
625850	1.9 kg	IEC® EN 62561-2	
635850	1.9 kg	IEC® EN 62561-2	
635803	3.9 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL, cUL
635800	3.8 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	CSA, RUS, CSA-US, cUL, UL
635843	1.5 kg	IEC® EN 62561-2	
633450	2.8 kg	IEC® EN 62561-2	
633460	3.2 kg	IEC® EN 62561-2	

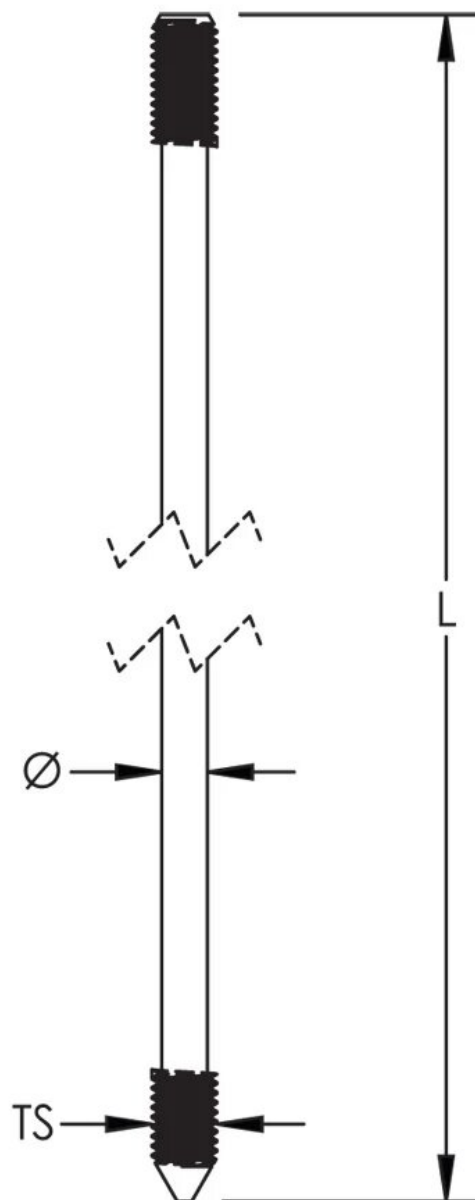
Table 2/2

Catalog Number	Unit Weight	Complies With	Certifications
6334330	2.79 kg	IEC® EN 62561-2	
633430	1.7 kg	IEC® EN 62561-2	
633415	8.5 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL
633463	3.2 kg	IEC® EN 62561-2	
633440	2.2 kg	IEC® EN 62561-2	
633403	5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	cUL, UL
633480	4.4 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, RUS
633400	5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL, RUS, CSA-US, CSA
633470	3.9 kg	IEC® EN 62561-2	
634400	10 kg	ANSI®/NEMA® GR1	CSA-US, UL, cUL, CSA

ADDITIONAL PRODUCT DETAILS

For rods to be listed to UL® 467, they must be at least 8' (2.44 m) in length.

IEC® EN 62561-2 supercedes EN 50164-2.



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

ILSCO

SCHROFF

TRACHTE