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

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

Table 2/2

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

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

Table 1/2

Catalog Number	Article Number	Plating Thickness	Unit Weight	Complies With	Certifications
631350		254µm	1.6 kg		
631303		330µm	3.2 kg	ANSI®/NEMA® GR1	cUL, UL
631300		254µm	3.1 kg	ANSI®/NEMA® GR1	CSA-US, CSA, UL, cUL
631360		254µm	1.9 kg		
631340		254µm	1.2 kg		
631380		254µm	2.4 kg	ANSI®/NEMA® GR1	UL
635883		330µm	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635880	635880	254µm	3 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL
635860		254µm	2.3 kg	IEC® EN 62561-2	
635840		254µm	1.5 kg	IEC® EN 62561-2	
6358660		254µm	2.48 kg	IEC® EN 62561-2	
635830		254µm	1.2 kg	IEC® EN 62561-2	
635870		254µm	2.9 kg	IEC® EN 62561-2	
625850	625850	254µm	1.9 kg	IEC® EN 62561-2	
635850		254µm	1.9 kg	IEC® EN 62561-2	
635803		330µm	3.9 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	RUS, UL, cUL
635800		254µm	3.8 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	CSA, RUS, CSA-US, cUL, UL
635843		330µm	1.5 kg	IEC® EN 62561-2	

Catalog Number	Article Number	Plating Thickness	Unit Weight	Complies With	Certifications
633450		254µm	2.8 kg	IEC® EN 62561-2	
633460		254µm	3.2 kg	IEC® EN 62561-2	

Table 2/2

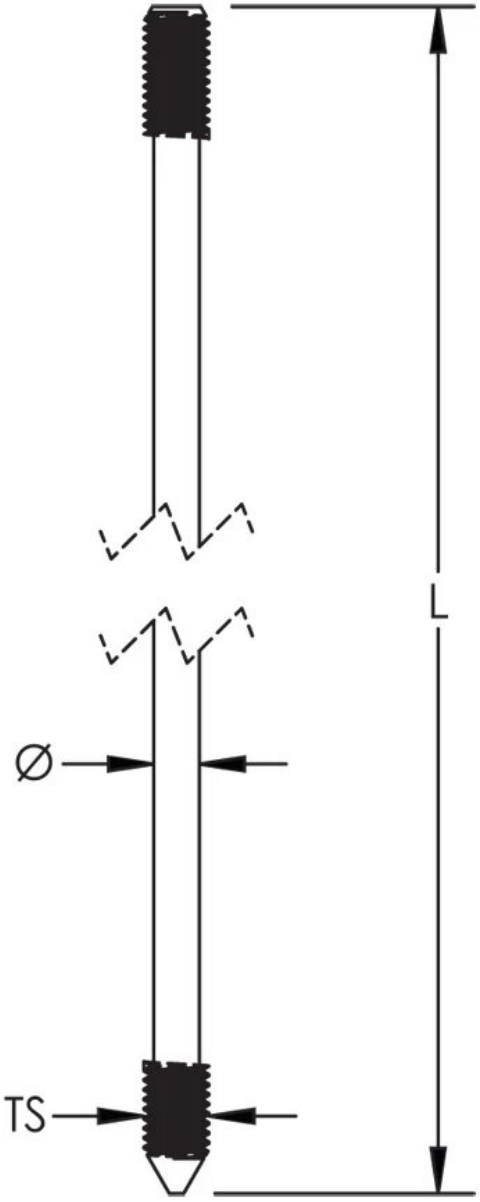
Catalog Number	Article Number	Plating Thickness	Unit Weight	Complies With	Certifications
6334330		254µm	2.79 kg	IEC® EN 62561-2	
633430		254µm	1.7 kg	IEC® EN 62561-2	
633415		254µm	8.5 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL
633463		330µm	3.2 kg	IEC® EN 62561-2	
633440		254µm	2.2 kg	IEC® EN 62561-2	
633403		330µm	5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	cUL, UL
633480	633480	254µm	4.4 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, RUS
633400		254µm	5.7 kg	ANSI®/NEMA® GR1, IEC® EN 62561-2	UL, cUL, RUS, CSA-US, CSA
633470		254µm	3.9 kg	IEC® EN 62561-2	
634400		254µm	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.

DIAGRAMS



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.

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