

The rod is, in most cases, the most practical, effective and reliable earth connection means.

Highly effective: for a given contact surface area, the linear type electrode provides, both theoretically and practically, the least earth resistance. Furthermore, it enables the most moist and conductive layers to be reached.

Easy and quick to install, it requires no earth work. Even inside industrial buildings, it is often possible to install an earth rod exactly where required by breaking through a small area of the floor.

Accessible and testable connection: the use of an inspection box makes it possible to leave the head of the rod and its connection unburied and to periodically test it and measure its resistance.

Self connectable rods

The lower end of each rod is equipped with a point used both for driving into the earth and for connection; the upper pierced end receives (without the sleeve) the point of the previous rod. Use a rivetting head so as not to damage the upper end when driving in.

Connectable rods

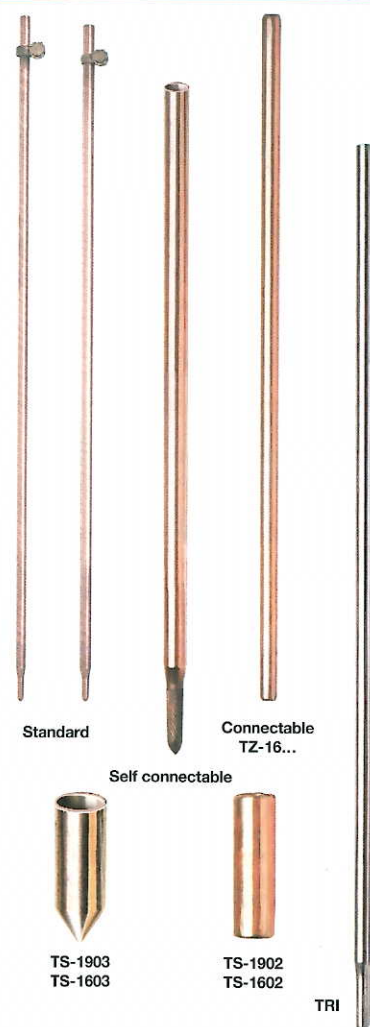
Conical slide-in provides perfect assembly stability. For deep earth connections.

Copper/steel (350 µm coating) earth rods

Reference	Type	Ø (mm)	Length (m)	Weight (kg)	Connection
TP-1610-R	standard (1)	14.2 Unit 16	1.0	1.200	
TP-1615-R	standard (1)	14.2 Unit 16	1.5	1.800	
TP-1620-R	standard (1)	14.2 Unit 16	2.0	2.400	
TP-1910-R	standard	17.3 Unit 19	1.0	2.000	
TP-1915-R	standard	17.3 Unit 19	1.5	2.800	
TP-1920-R	standard	17.3 Unit 19	2.0	3.600	
TR-116-10	self connectable	14.2 Unit 16	1.0	1.100	TO-3-16/19
TR-116-15	self connectable	14.2 Unit 16	1.5	2.000	TO-2-16 TS-1601
TR-119-10	self connectable	17.3 Unit 19	1.0	1.800	
TR-119-15	self connectable	17.3 Unit 19	1.5	2.750	TO-3-16/19 TO-2-19 TS-1901
TR-119-20	self connectable	17.3 Unit 19	2.0	3.500	
TR-1610	connectable (2)	14.2 Unit 16	1.0	1.250	TO-3-16/19
TR-1615	connectable (2)	14.2 Unit 16	1.5	1.900	TO-2-16 TS-1601 TS-1602 TS-1603
TR-1620	connectable (2)	14.2 Unit 16	2.0	2.500	
TR-1910	connectable (2)	17.3 Unit 19	1.0	1.950	TO-3-16/19
TR-1915	connectable (2)	17.3 Unit 19	1.5	1.850	TO-2-19 TS-1901
TR-1920	connectable (2)	17.3 Unit 19	2.0	3.750	TS-1902 TS-1903

(1) Delivered completed with connection.

(2) Sleeves and spikes have to be ordered separately.



Stainless steel earth rods

Reference	Type	Ø (mm)	Length (m)	Weight (kg)	Connection
TRI-1610			1.0	1.450	
TRI-1615	connectable	16	1.5	2.200	TZI-2001

Connectors

Reference	Rod	Conductors Ø max. (mm)	Type section max. (mm²)
TO-2-16	16	40	Copper
TO-2-19	19	40	
TO-3-16/19	19	40	Copper aluminium alloy
TS-1601	14	95	Copper aluminium alloy
TS-1901	19	95	

