TRACTOR RODS

The tractor rod is used to drive in ground a copper cable which will be then directly connected outside. When the connection is not buried, it gives a better life expectancy to the earthing system.

The rod is cylindrical : on the one hand, it could not damage the rope and on the other hand, it allows to clear a maximum contact area between the cable and the ground.

The conical ring gives a complete protection of the rope end and clear the ground all around the rod.

TRACTOR ROD (TR, TE)

The installation is very quick : put the cable into the hole along a few centimetres, fold it up against the rod and then drive in this one. The TE-type is only used in easy conditions (soft ground, strike with a mass, no extension).

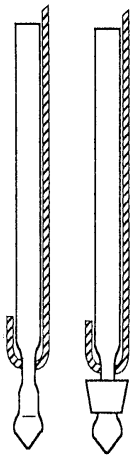
SUPER-TRACTOR ROD (ST)

The implementation can be done following 3 methods, the cable resistance increases :
1) Put the cable into the hole and then drive in this one.
2) Proceed as before, but before driving in the rod, bind the cable by pushing the ring with a hammer. To make things easier, use a tube (inside Ø 22xL100) between the ring and the hammer.
3) Proceed as before, but moreover crimp the ring (E210 or E215 die on mini 5T press).

TRACTOR ROD TO CRIMP (TS)

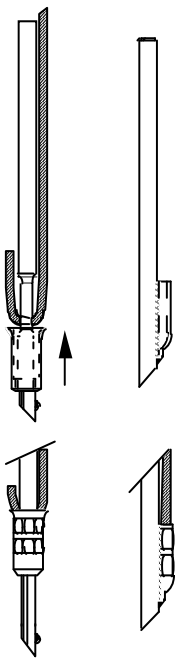
Steel round rod Ø 16 like ST model.
Cable fixing by crimping (E230).
Model offered without surface treatment. It is possible to coat with zinc on request.
Uses extensions 78 SA 10 and driving in cress 78 SB 00.

TE **TR**



	Tubular TRACTOR Ø 21 for a max 38 mm² rope			SUPER TRACTOR or Fulled TS Ø 16 for a max 29 mm² rope		
	Reference	**EDF Nr**	Weight	**Reference**	**EDF Nr**	Weight
Rod 1m	**78 TR 10**	59 80 250	1.0	**78 ST 10**	59 80 197 59 80 250	1.6
Rod 1m50	**78 TR 15**	59 80 254	1.5	**78 ST 15**	59 80 198 59 80 254	2.4
Extension 1m	**78 AL 10**	59 83 370	1.2	**78 SA 10**	59 80 199 59 83 370	1.7
Extension 1m50	**78 AL 15**	59 83 374	1.7	**78 SA 15**	59 80 200 59 83 174	2.5
Manual hammering cress	**78 BE 00**			**78 SB 00**		
Rod 1m	**78 TE 10**		0.9	**78 TS 10**	59 80 197	1.6

ST **TS**



Concerning cresses for pneumatic hammer driving in, please consult us.

The 29 mm² cable in cold hammered copper has a beaking strength which is twice higher than the 25 mm² cable in annealing copper.