



Steel wire

With zinc coating $\geq 50 \mu\text{m}$ on average (approx. 350 g/m^2).

Part No.	800 008	800 010	800 310
Diameter $\varnothing$ conductor	8 mm	10 mm	10 mm
Cross-section	50 mm ²	78 mm ²	78 mm ²
Material	St/tZn	St/tZn	St/tZn
Standard	based on EN 62561-2	based on EN 62561-2	based on EN 62561-2
Short-circuit current (50 Hz) (1 s; $\leq 300 \text{ }^\circ\text{C}$)	—	5.5 kA	5.5 kA
Coil weight	approx. 50 kg	approx. 50 kg	approx. 18.5 kg
PU	127 m	81 m	30 m

Steel wire, straightened, cut into bars

With zinc coating $\geq 50 \mu\text{m}$ on average (about 350 g/m^2). Suitable for installation in reinforcements (e.g. concrete supports).

Part No.	800 910	800 911
Diameter $\varnothing$ conductor	10 mm	10 mm
Cross-section	78 mm ²	78 mm ²
Material	St/tZn	St/tZn
Standard	based on EN 62561-2	based on EN 62561-2
Short-circuit current (50 Hz) (1 s; $\leq 300 \text{ }^\circ\text{C}$)	5.5 kA	5.5 kA
Length	3 m	6 m
PU	10 pc(s)	1 pc(s)

Stainless steel wire

Stainless steel wires (Rd 10 mm) for use in soil have to be made of StSt (V4A) with a molybdenum content $> 2 \%$, e.g. 1.4571 or 1.4404, in accordance with EN 62561-2, IEC/EN 62305-3, DIN 18014 and DIN VDE 0151.

General technical data:				
Standard	based on EN 62561-2			
Part No.	860 908	860 920	860 950	860 910
Diameter $\varnothing$ conductor	8 mm	10 mm	10 mm	10 mm
Cross-section	50 mm ²	78 mm ²	78 mm ²	78 mm ²
Material	StSt	StSt	StSt	StSt
Material No.	1.4301 / 1.4303	1.4301 / 1.4303	1.4301 / 1.4303	1.4301 / 1.4303
Short-circuit current (50 Hz) (1 s; $\leq 300 \text{ }^\circ\text{C}$)	—	—	—	—
Coil weight	approx. 50 kg	approx. 12 kg	approx. 31 kg	approx. 50 kg
PU	125 m	20 m	50 m	80 m
Part No.	860 008	860 010	860 020	860 050
Diameter $\varnothing$ conductor	8 mm	10 mm	10 mm	10 mm
Cross-section	50 mm ²	78 mm ²	78 mm ²	78 mm ²
Material	StSt (V4A)	StSt (V4A)	StSt (V4A)	StSt (V4A)
Material No.	1.4571 / 1.4404	1.4571 / 1.4404	1.4571 / 1.4404	1.4571 / 1.4404
Short-circuit current (50 Hz) (1 s; $\leq 300 \text{ }^\circ\text{C}$)	—	2.9 kA	2.9 kA	2.9 kA
Coil weight	approx. 50 kg	approx. 50 kg	approx. 12 kg	approx. 31 kg
PU	125 m	80 m	20 m	50 m

Steel wire with plastic sheath

With plastic sheath as additional mechanical / corrosion protection, e.g. when connected to the lightning protection system. Suitable for installation on, in and under plaster, mortar or concrete.

Part No.	800 108	800 110
Diameter $\varnothing$ conductor	8 mm	10 mm
Cross-section	50 mm ²	78 mm ²
Material	St/tZn	St/tZn
Standard	based on EN 62561-2	based on EN 62561-2
Outside diameter $\varnothing$	11 mm	13 mm
Material of sheath	plastic	plastic
Sheath thickness	1.5 mm	1.5 mm
Coil weight	approx. 33 kg	approx. 34 kg
PU	75 m	50 m

Conductor materials can only be supplied in the original coil weights.
Further conductor materials as specified in the standard series EN 62561-2 are available on request.