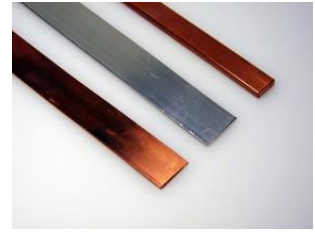


Profiles and Profiled Wires, bare and insulated for the Winding Technology



Bare wires round and flat

(No stock item)

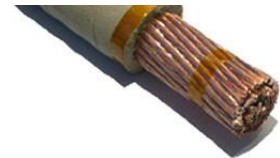
Dimensions:	Round wires from 0,30 to 15 mm diameter Flat wires up to max. 160 mm ²
Conductor materials:	Alu 1370, Cu-ETP, Cu-OF, CuAg0.03 Other alloys on demand Plating with tin or silver

Insulated Stranded Wires, Round or Flat

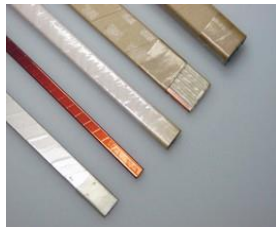
(No stock item)

Stranded wires round

Dimensions:	Sections from 2 to 2'000 mm ² Max. insulated diameter 60 mm Diameter of a single wire from 0,07 to 3,15 mm Thickness of insulation max. 20 mm
Conductor materials:	Al 1370, Cu-ETP, Cu-OF Other alloys on request

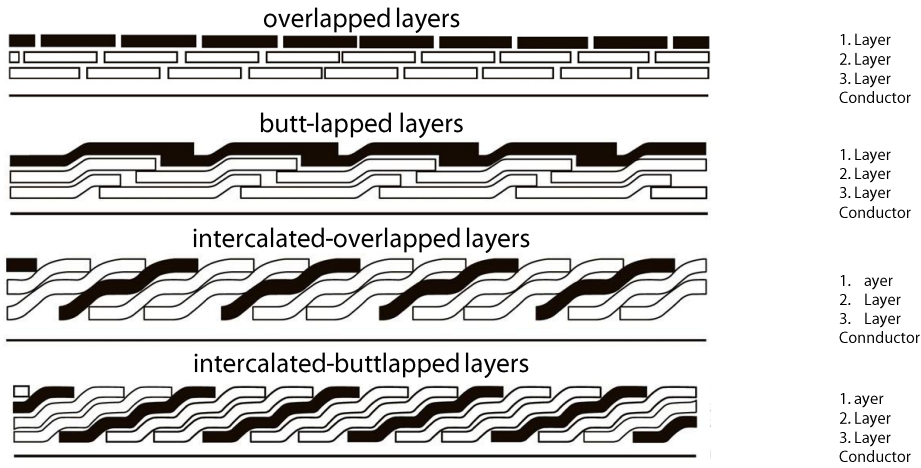


Insulated Solid Wires, Round or Flat

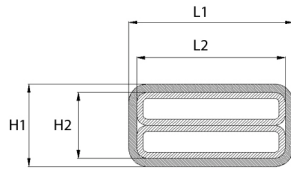


Dimensions:	Flat wires standard from 4 to 129 mm ² on request 2,00 x 3,99 to 130 x 160 mm ² (max. thickness of 30 mm) bundled insulated conductors up to max. 32 mm width
Conductor materials:	Alu 1370, Cu-ETP, Cu-OF, CuAg0.03 Other alloys on request Plating with tin or silver
Insulating materials:	Kraft paper even or crêped (105°C) Polyester film (130°C) Mica/polyester (155°C) Mica/glass fabric (155°C) Aramide paper Nomex® 410 (180°C) Polyimide film (220°C)
	Round wires <ul style="list-style-type: none"> • from 0,71 to 20 mm diameter • other dimensions on request These materials also can be covered with a thermo-adherent coating. Cotton tape (90°C) Glass fabric tape (220°C)

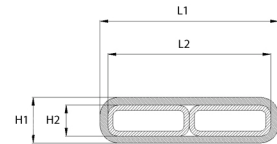
Type of braids



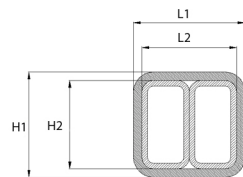
Combination broadside horizontal



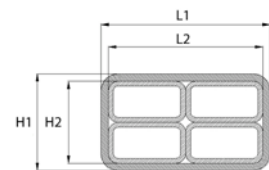
combination narrow sid



Combination broadside vertical



Combination 2 x 2
broadside/ narrow side



Shaped Stranded Wires

(No stock item)

Dimensions:	Sections up to max. 700 mm ² Max. profile size 40 x 25 mm Diameter of a single wire from 0,07 to 3,15 mm
Conductor materials:	Metals: Al 1370, Cu-ETP, Cu-OF Other alloys on request
Insulating materials	Kraft paper even or crêped (105°C) Polyester film (130°C) Mica/polyester (155°C) Mica/glass fabric(155°C) Aramide paper Nomex® 410 (180°C) Polyimide film (220°C) These materials also can be covered with a thermo-adherent coating. Cotton tape (90°C) Glass fabric tape (220°C) Covering with threads of cotton (90°C)



Formed Conductors

(No stock item)

Ready-to-install formed conductors (coils, rotor bars, transformer connexions) can be delivered according to your dimensional drawings



Dimensions:	according to customer specifications (see below)
Characteristics:	closely wound Extreme bending radii Optimized design to facilitate fitting
Insulating materials	Metals: Al 1370, Cu-ETP, Cu-OF, CuAg0.03 Other alloys on request Plating with tin or silver According to the needs with VPI or Resin Rich Insulation System Possibilities: Min. stretched length of parts 230 mm Max. stretched length of parts 1500 mm Cord max. 700 mm Max. possible profile 20 x 40 mm Angles from 0° to 120°